



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
November 14, 2025 - November 20, 2025

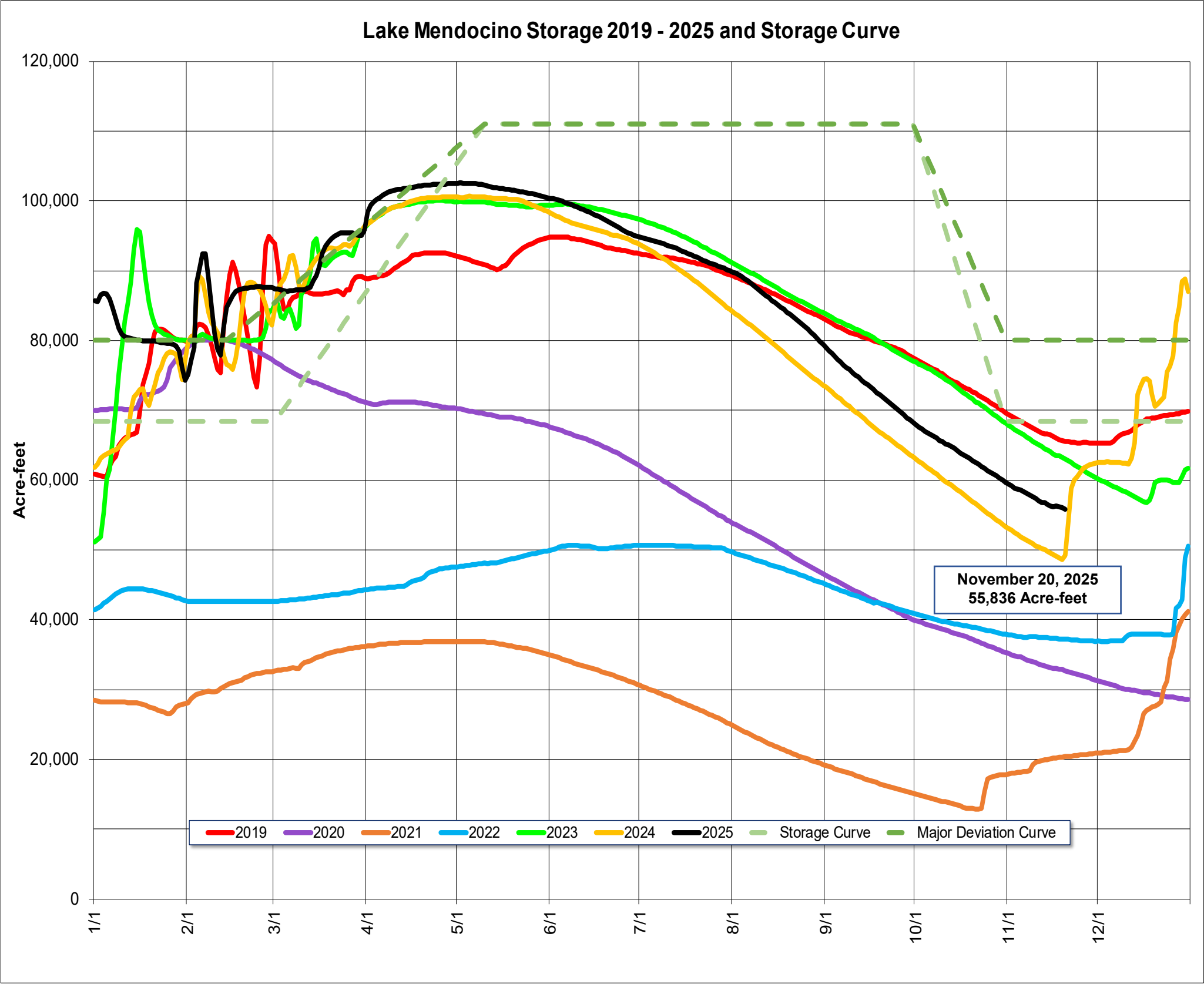
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of November 20, 2025

Basis	Reach	Instantaneous (cfs)	5-day Average (cfs)
Modified Per Order: Normal Condition	Upper Russian River	150	-
Modified Per Order: Normal Condition	Dry Creek	105	-
Modified Per Order: Normal Condition	Lower Russian River	125	-

Lake Mendocino

Lake Mendocino Storage 2019 - 2025 and Storage Curve

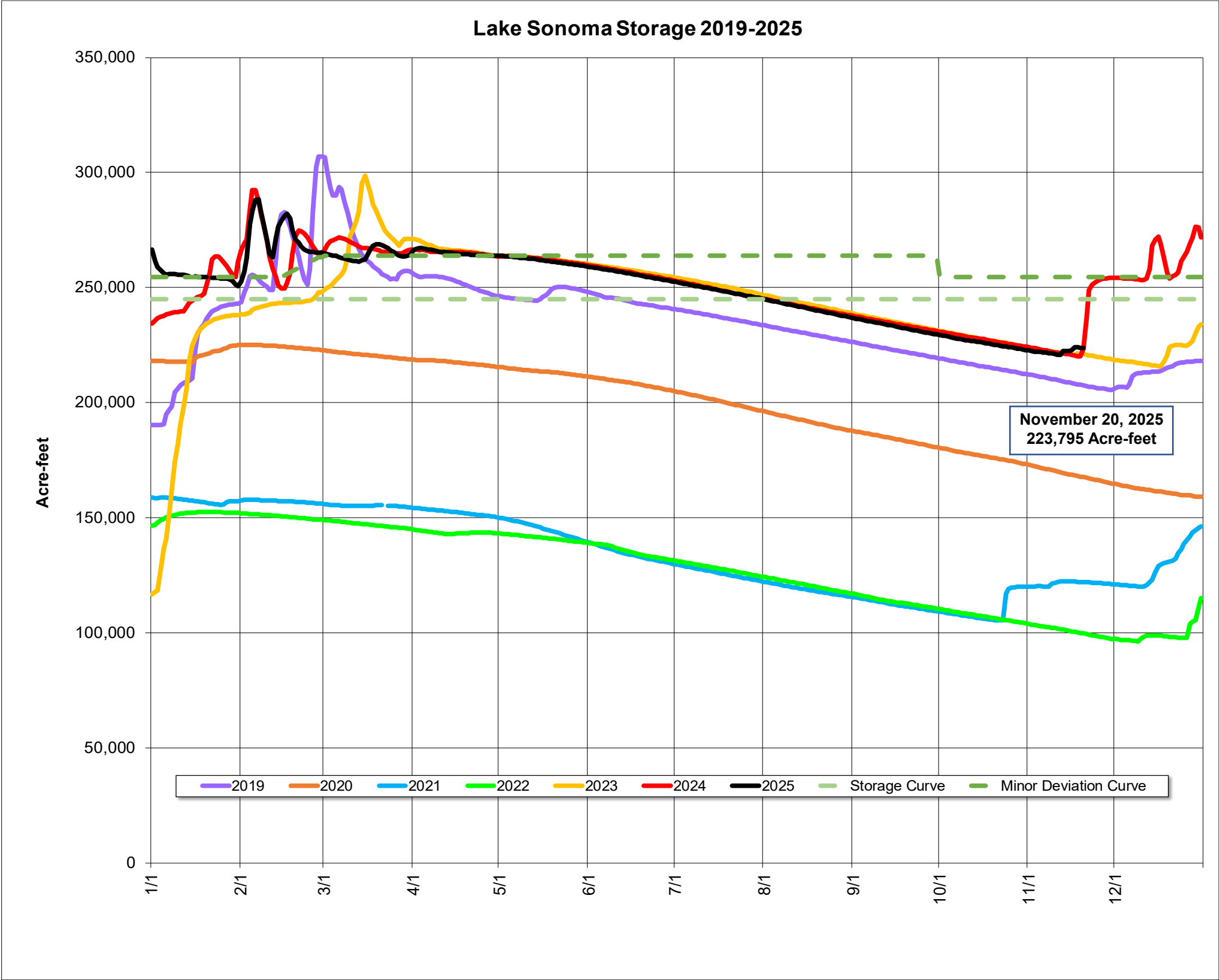


Storage (acre-feet)	November 20, 2025	55,836	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,692	-223
	Last 7 days	-719	-103
Daily Inflow (cfs)	Last 7 days	Min	24
		Max	165
		Mean	63
Release (cfs)	Last 7 days	Min	106
		Max	139
		Mean	128

Lake Sonoma



Todd Schram, February 10 , 2024



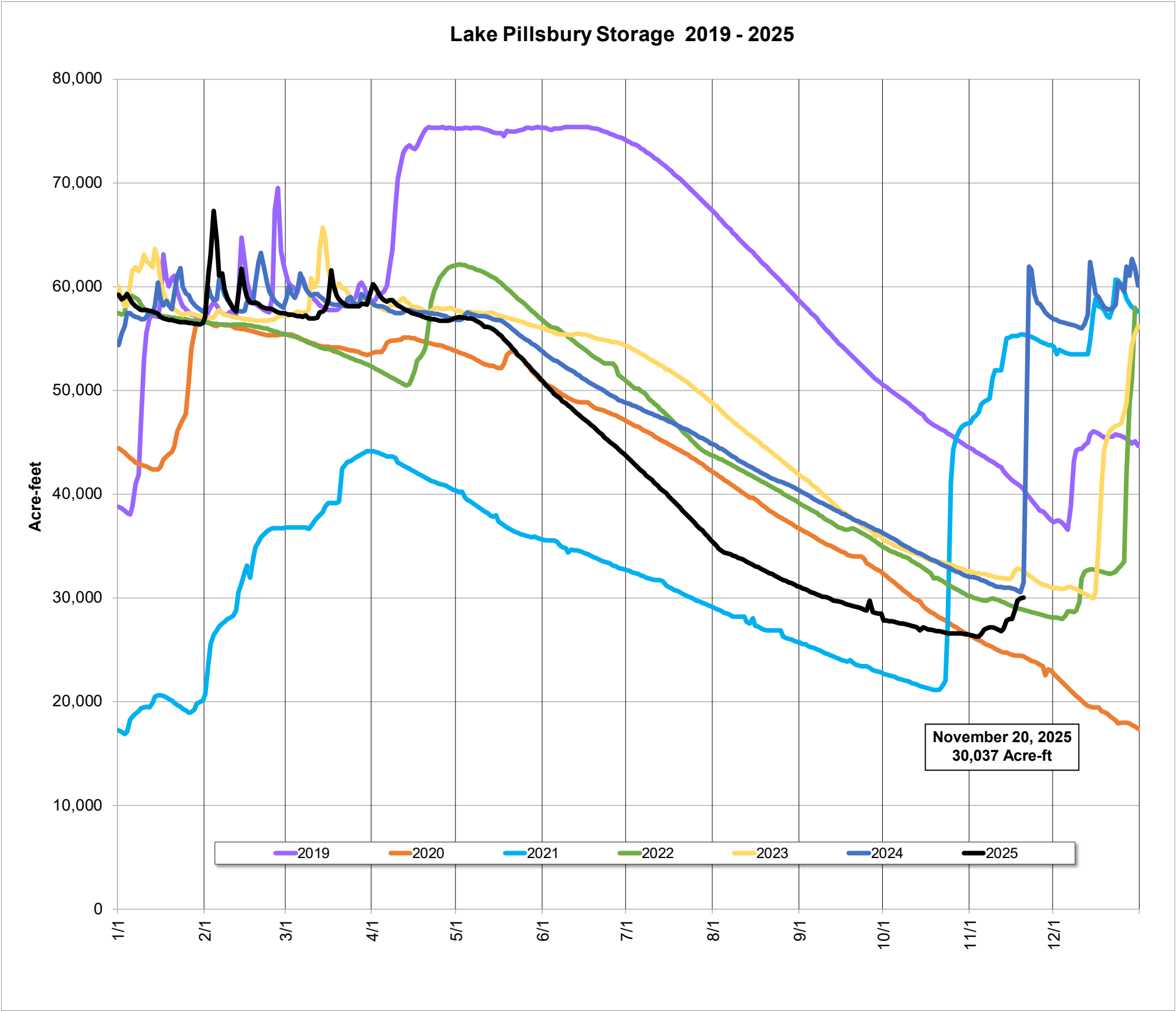
Storage (acre-feet)	November 20, 2025	223,795	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-1,168	-39
	Last 7 days	1,313	188
Daily Inflow (cfs)	Last 7 days	Min	35
		Max	745
		Mean	215
Release (cfs)	Last 7 days	Min	117
		Max	117
		Mean	117

Potter Valley Project

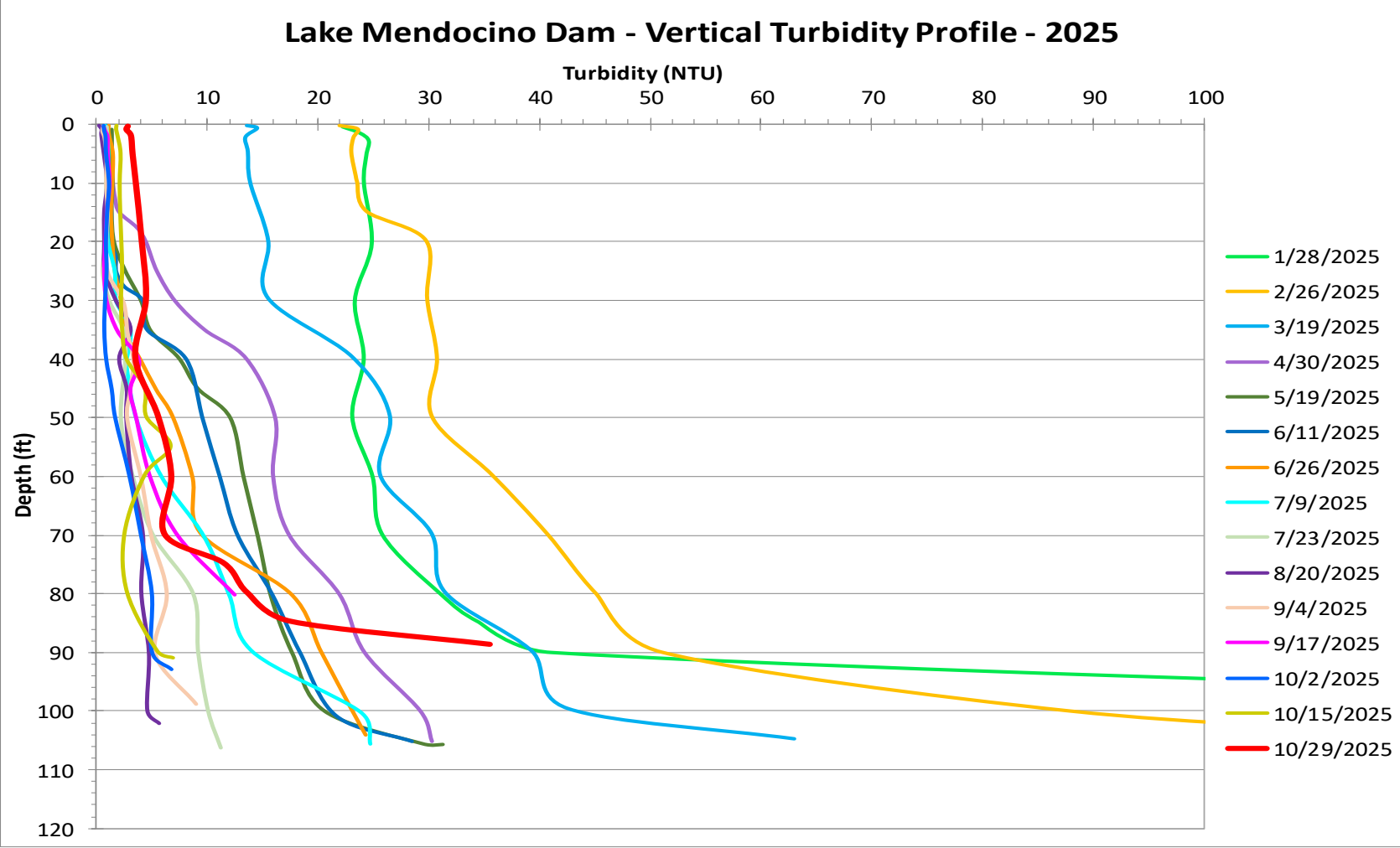
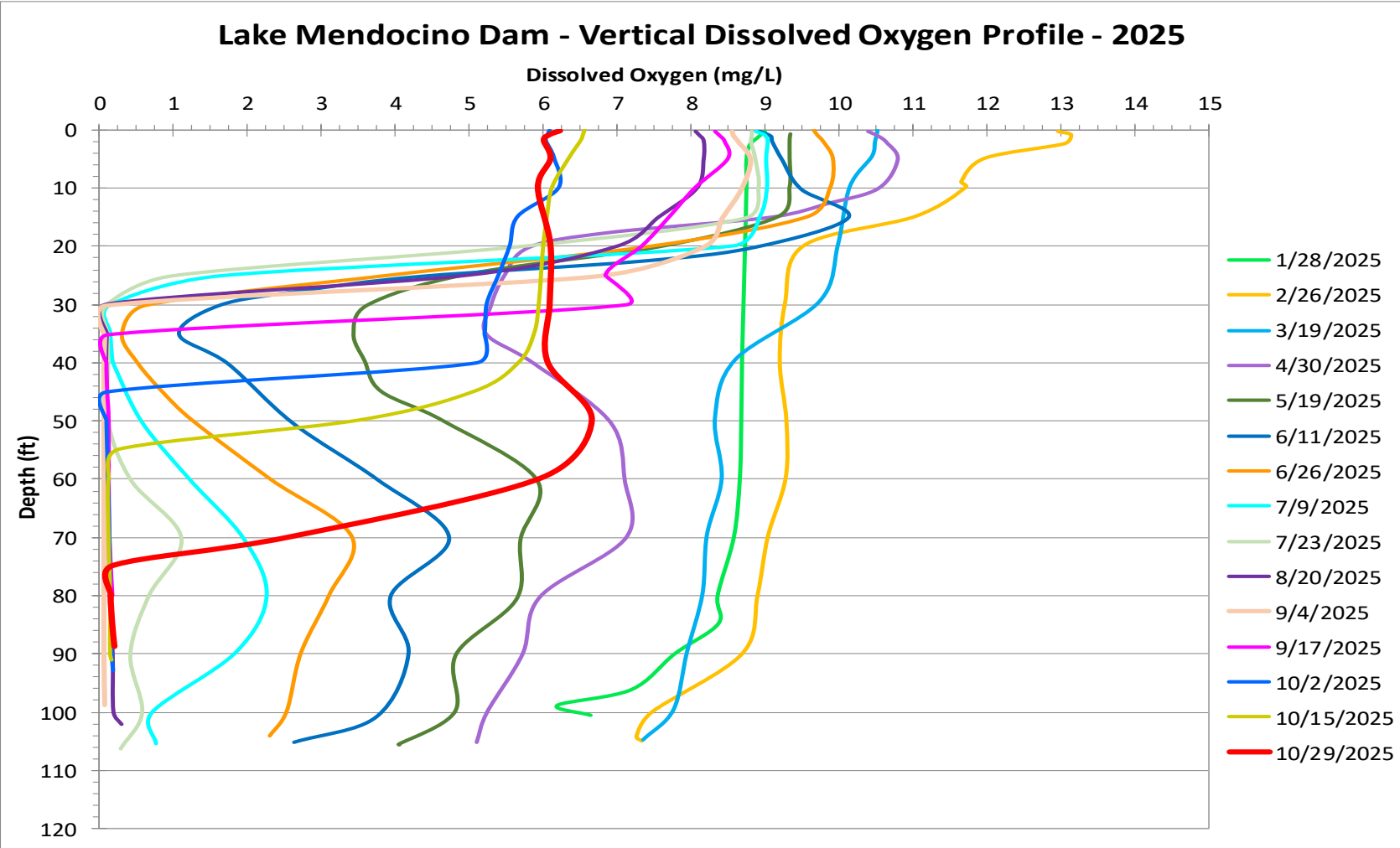
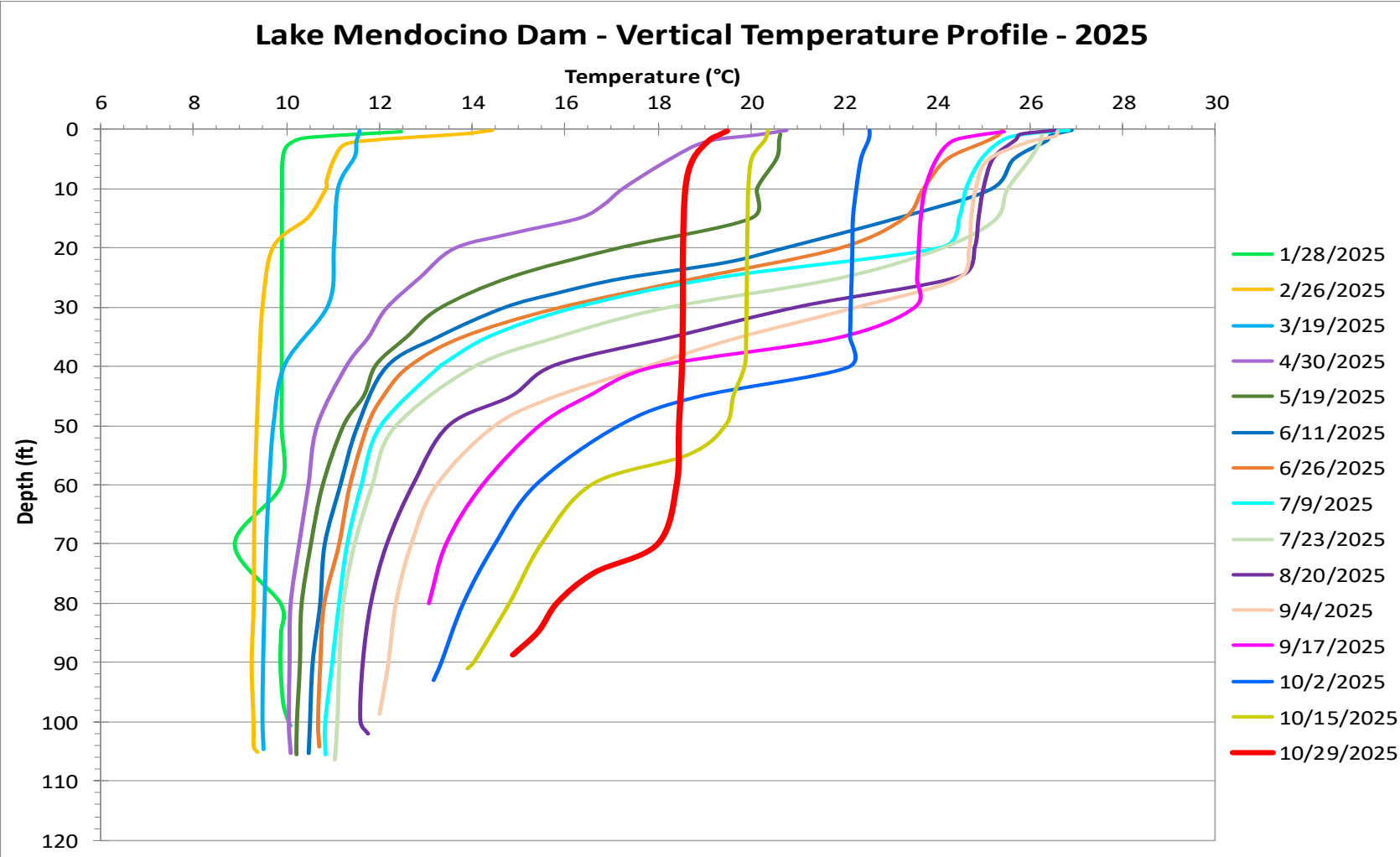
PVP Diversion (cfs)	November 20, 2025	1
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - November 20, 2025	10,552	207
	Last 7 days	4,271	610

*Inflow calculation based on criteria established in D1610



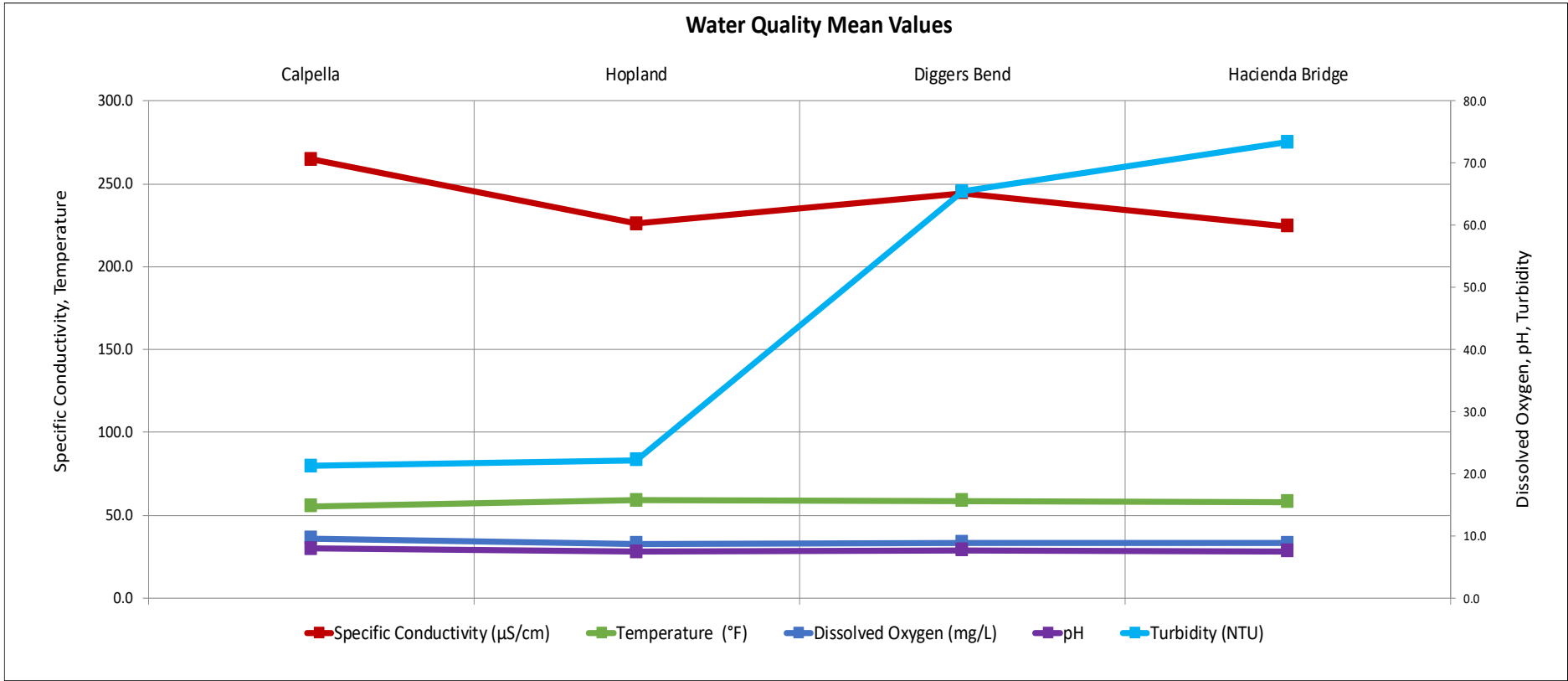
Lake Mendocino Water Quality Vertical Profiles (January 28 – October 30, 2025)
Provisional Data Subject to Revision



Russian River Flows (November 14, 2025 - November 20, 2025)

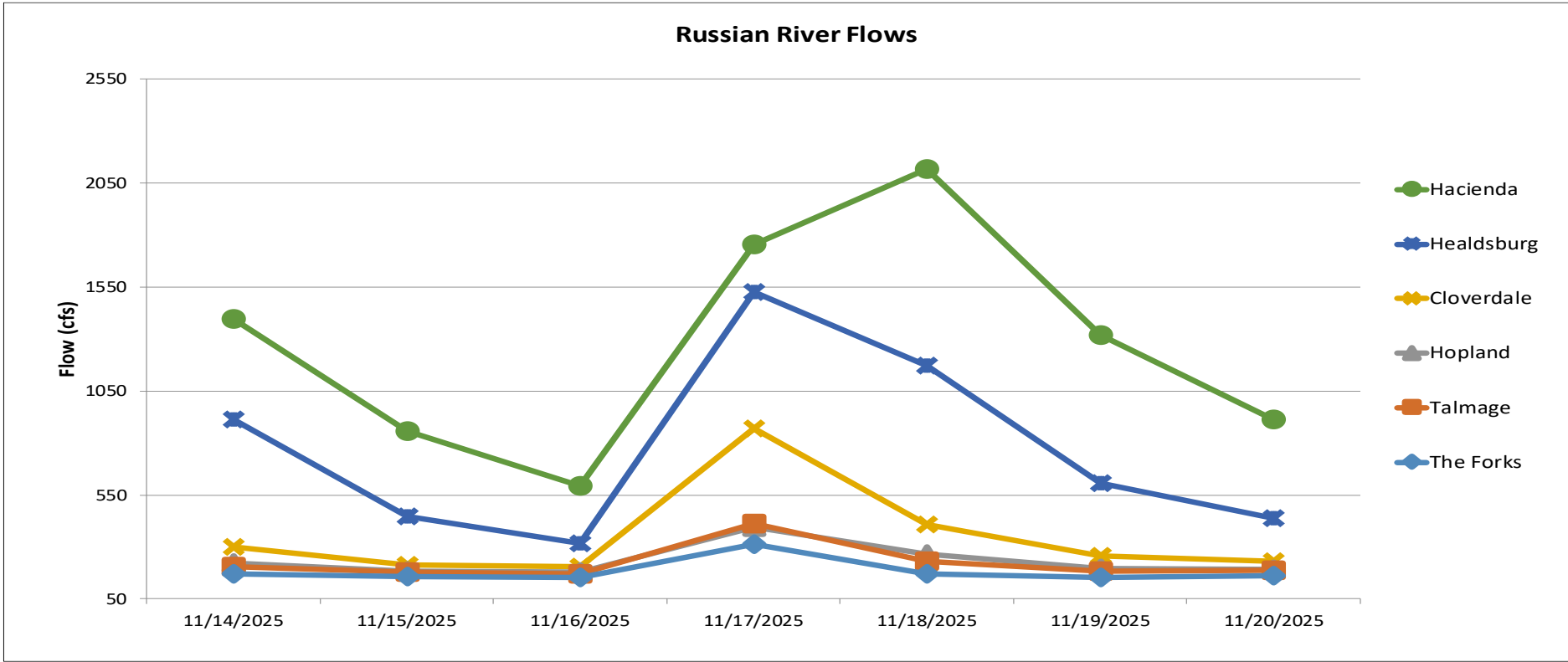
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	53.2	55.8		55.6	55.6		55.8	
	Max	57.9	61.9		61.2	61.3		59.9	
	Mean	55.3	59.0		58.8	58.7		57.9	
Specific Conductivity (µS/cm)	Min	192.0	172.0			161.0		144.0	
	Max	327.0	251.0			296.0		272.0	
	Mean	264.7	225.9			244.6		224.4	
Dissolved Oxygen (mg/L)	Min	9.0	8.2			8.3		8.2	
	Max	10.3	9.3			9.6		9.6	
	Mean	9.6	8.7			8.9		8.8	
Dissolved Oxygen (% Saturation)	Min	86.7	83.3			82.9		81.2	
	Max	96.4	89.8			92.7		95.2	
	Mean	91.1	86.6			87.5		85.8	
pH	Min	7.8	7.4			7.6		7.2	
	Max	8.1	7.6			8.0		7.7	
	Mean	8.0	7.5			7.7		7.5	
Turbidity (NTU)	Min	1.3	7.7			2.1		3.0	
	Max	348.0	79.0			461.0		600.0	
	Mean	21.2	22.2			65.5		73.4	

*Station operated seasonally



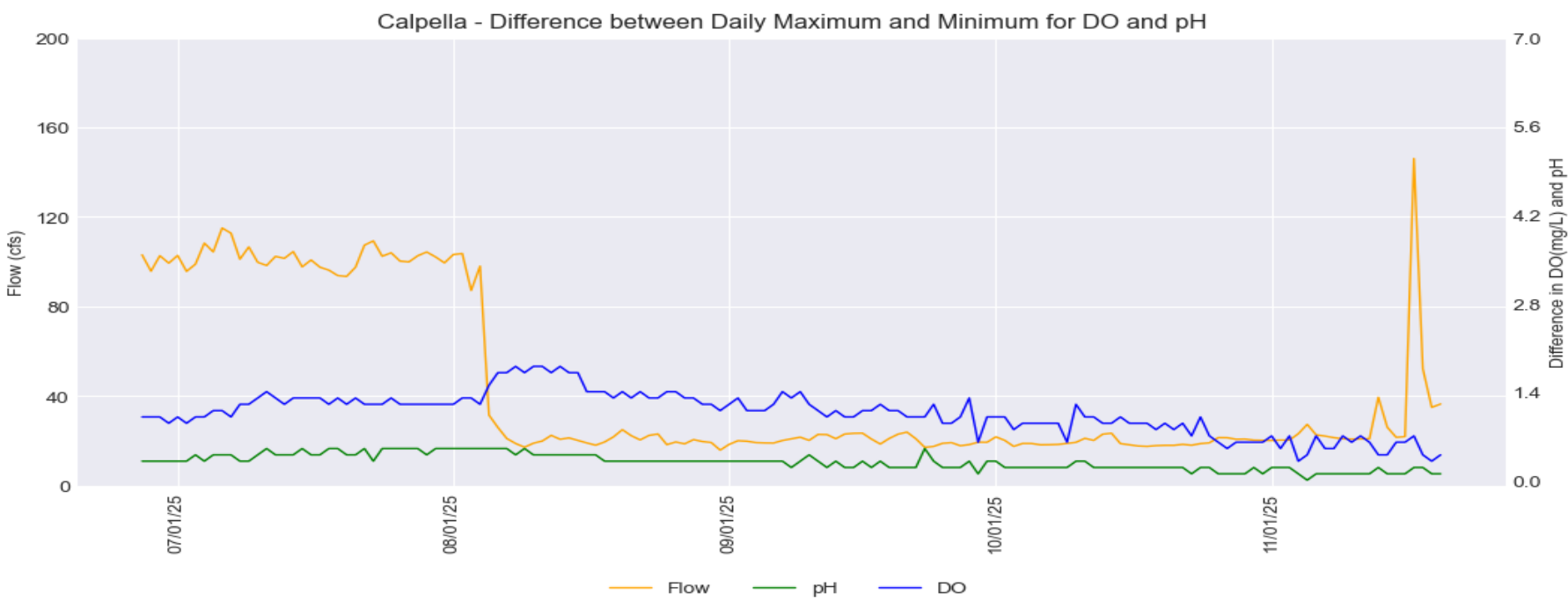
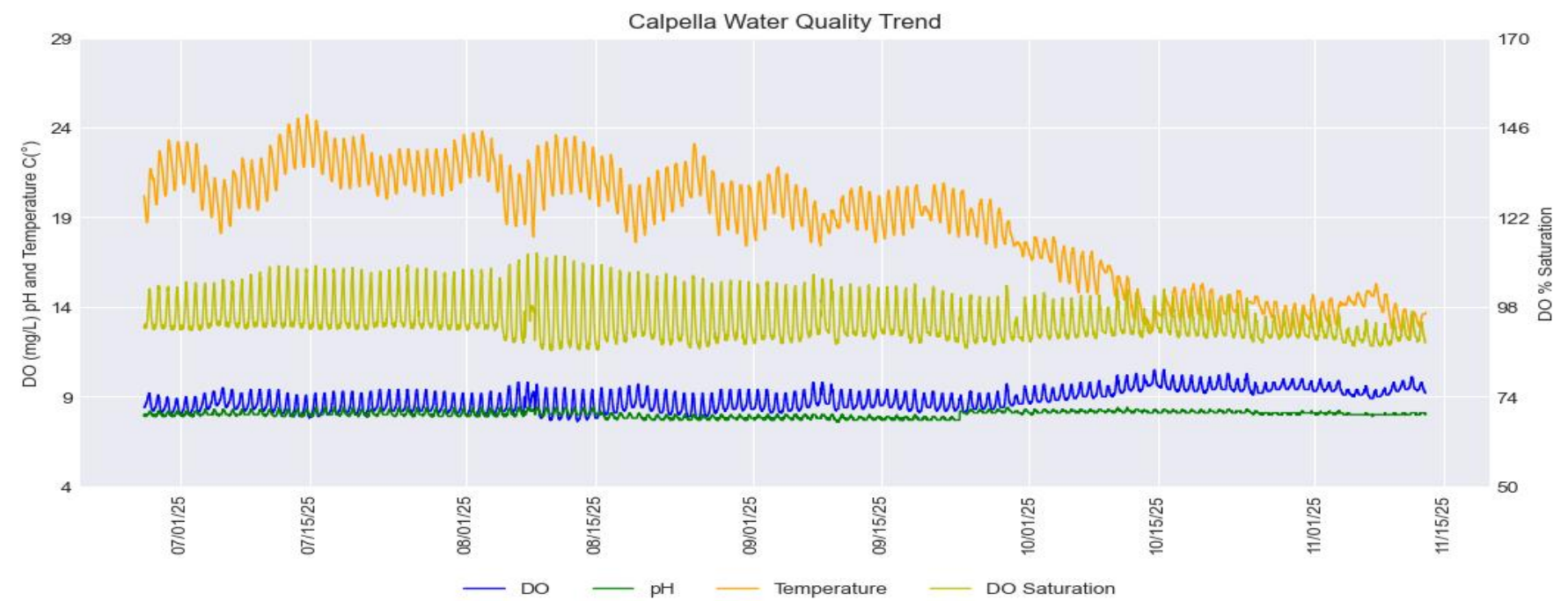
Gage	24-hr Average Flow (cfs)						
	Nov 14, 2025	Nov 15, 2025	Nov 16, 2025	Nov 17, 2025	Nov 18, 2025	Nov 19, 2025	Nov 20, 2025
The Forks*	172	157	152	312	170	153	163
Talmage USGS 11462080	203	177	172	411	229	181	186
Hopland USGS 11462500	221	185	178	395	263	195	192
Cloverdale USGS 11463000	301	212	207	870	407	256	231
Healdsburg USGS 11464000	912	447	319	1526	1173	608	438
Hacienda USGS 11467000	1394	857	591	1756	2118	1319	912

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

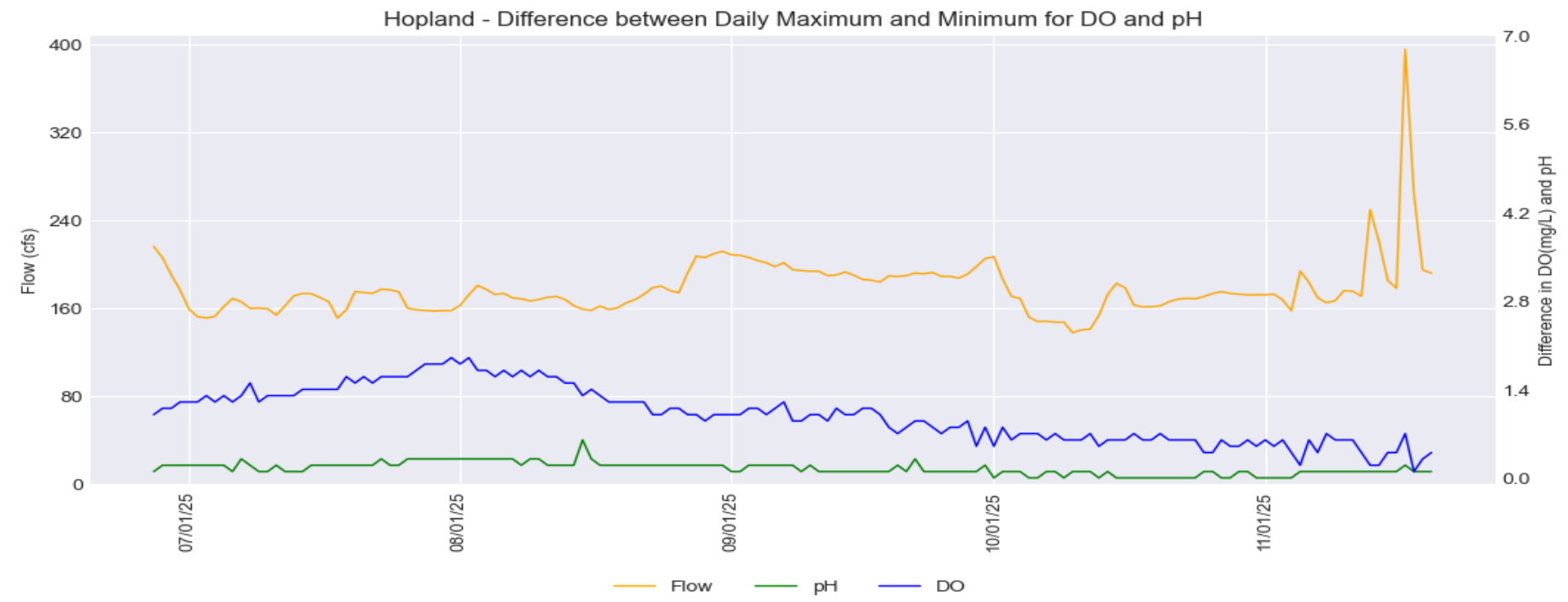
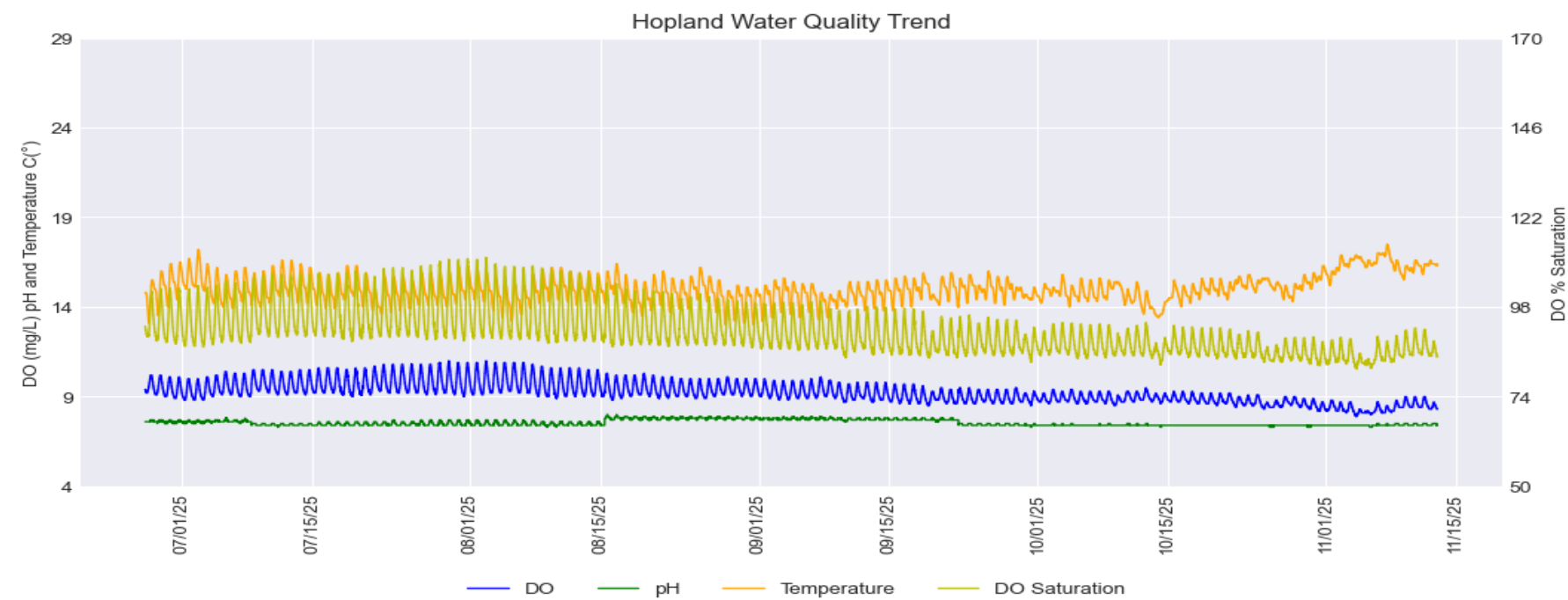


Russian River Water Quality June 27, 2025 – November 20, 2025
Provisional Data Subject to Revision

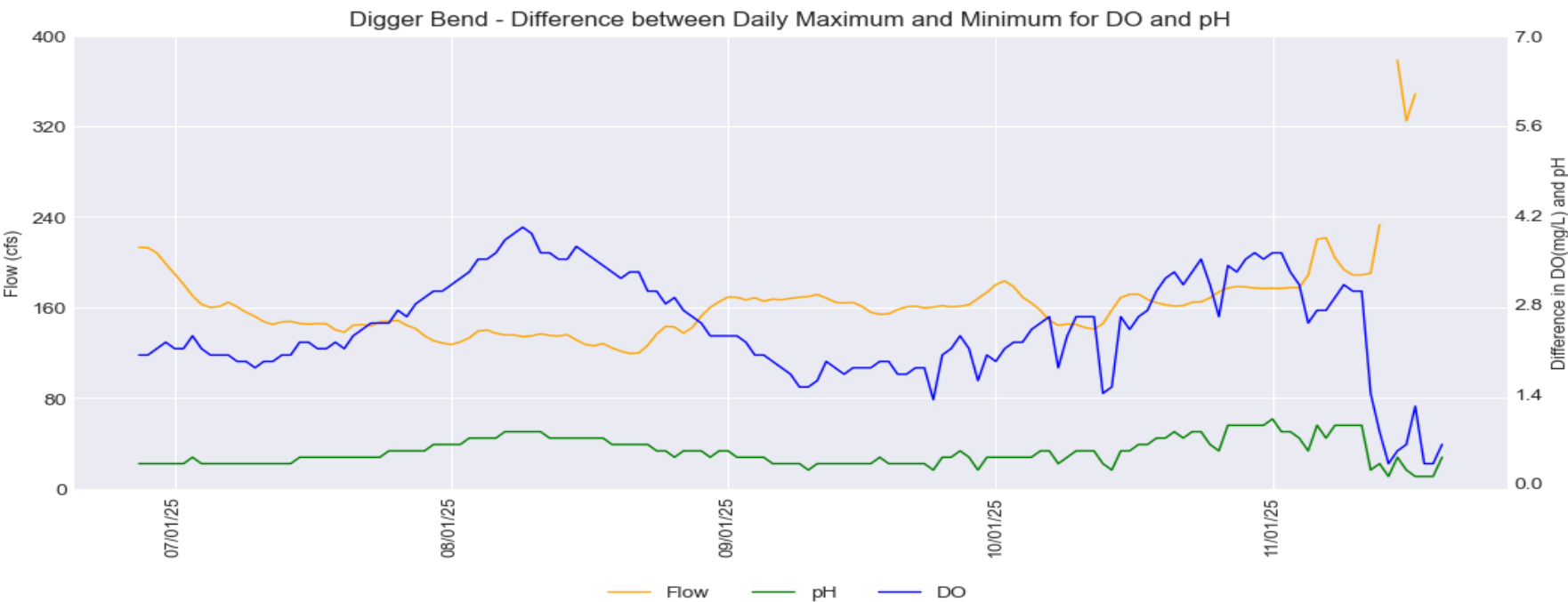
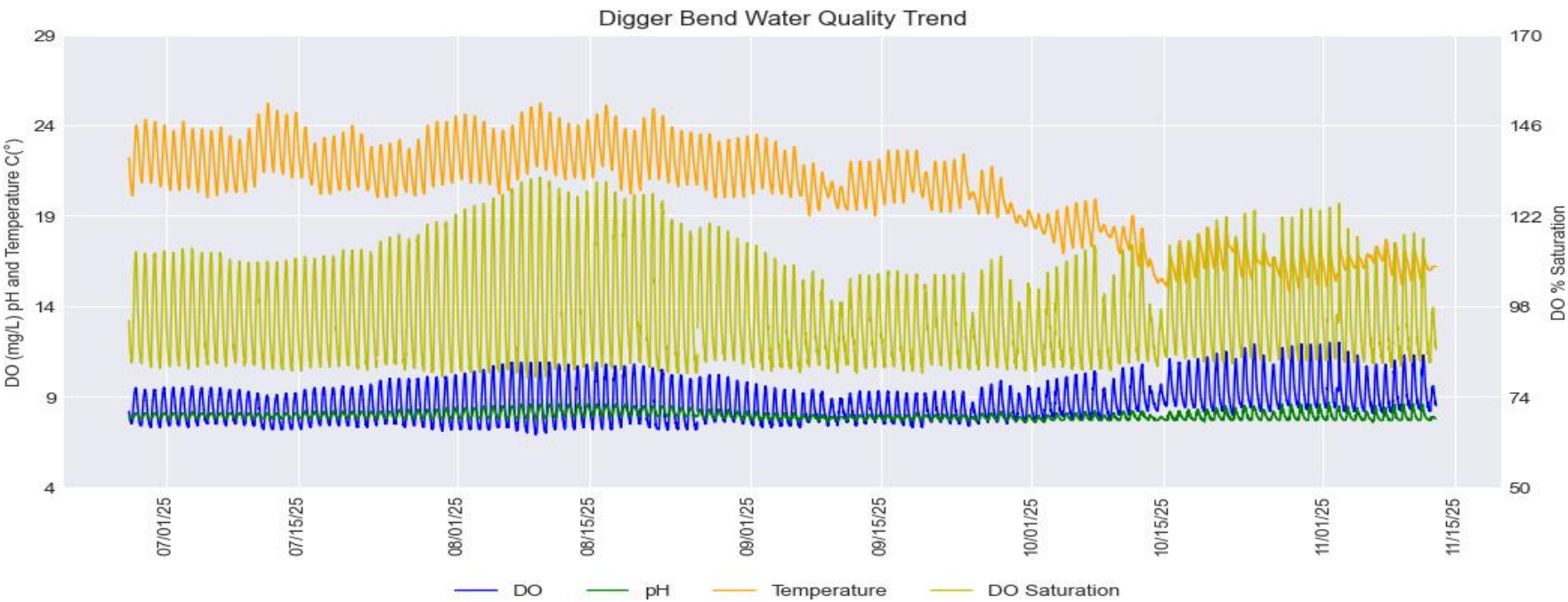
Calpella



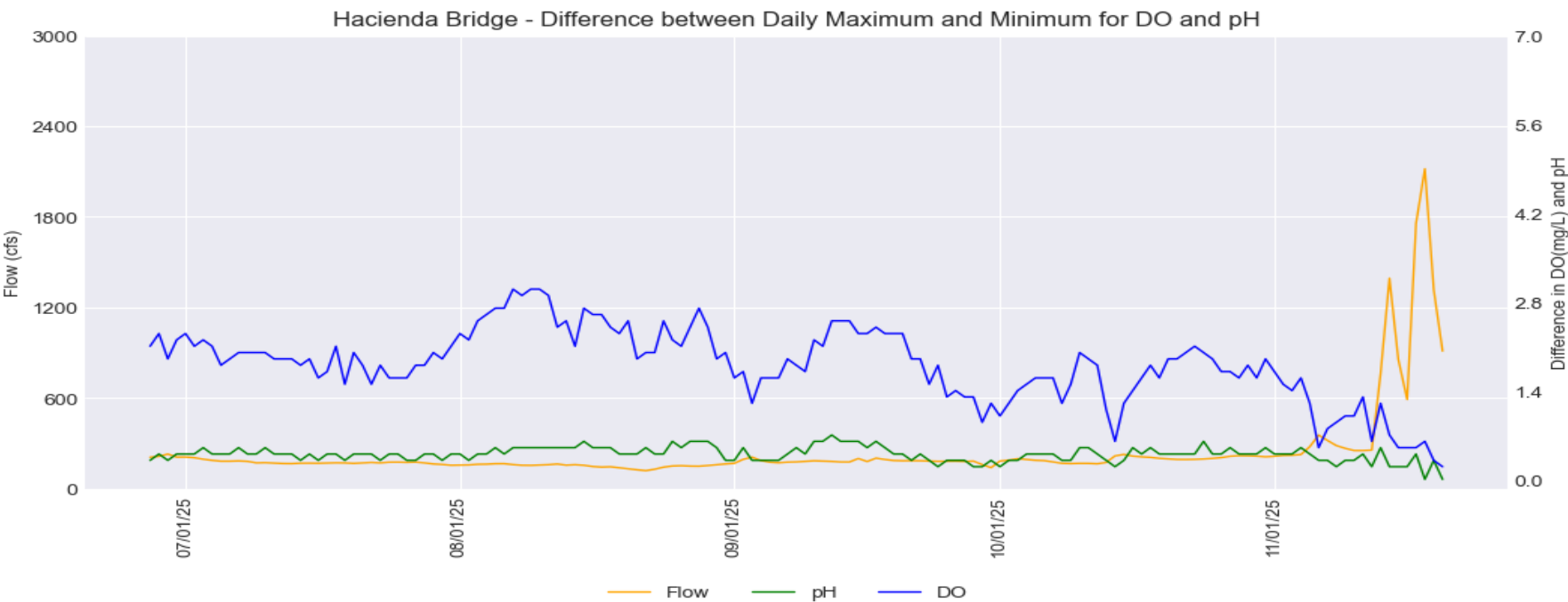
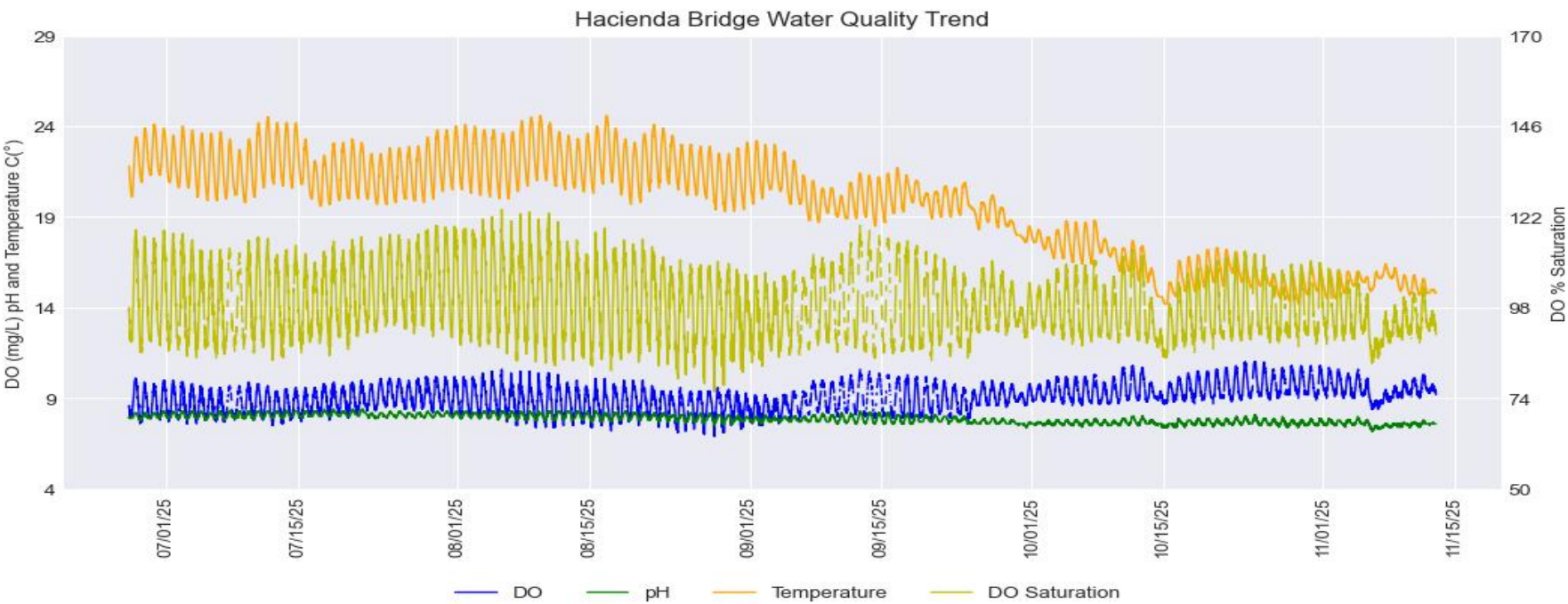
Hopland



Russian River Water Quality June 27, 2025 – November 20, 2025
Provisional Data Subject to Revision
Digger Bend

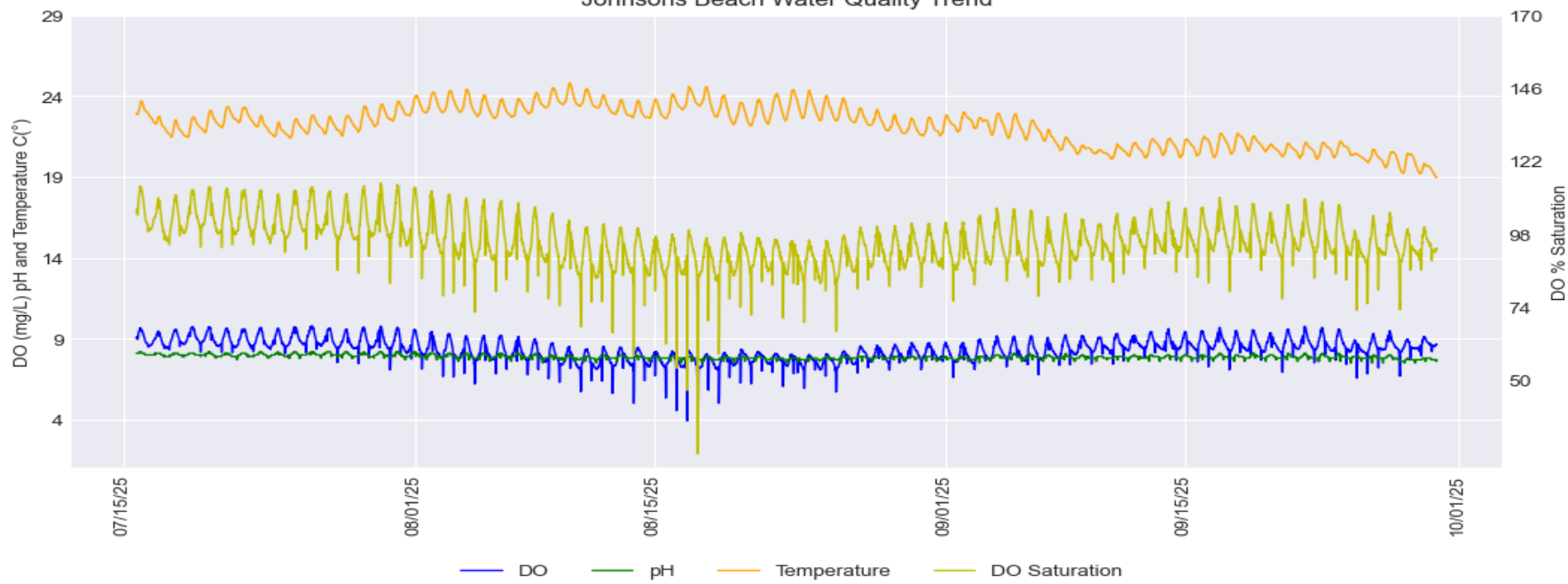


Hacienda Bridge

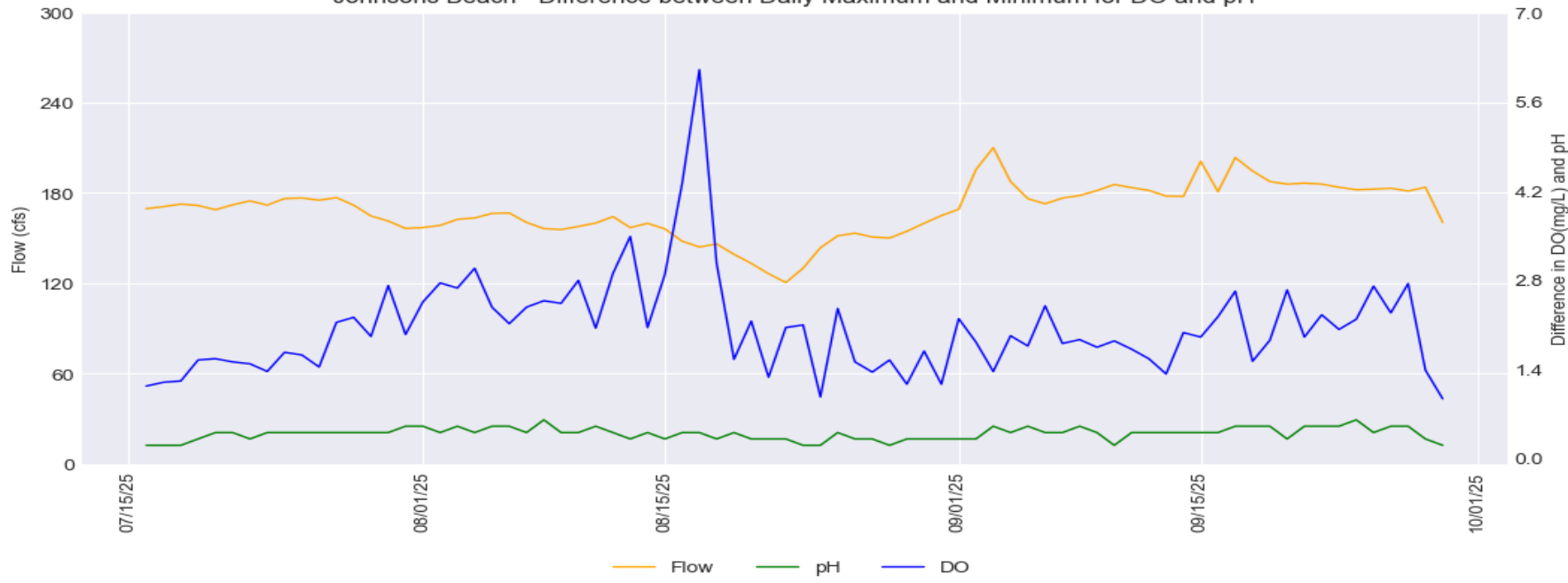


Russian River Water Quality June 27, 2025 – October 30, 2025
Provisional Data Subject to Revision
Johnsons Beach

Johnsons Beach Water Quality Trend

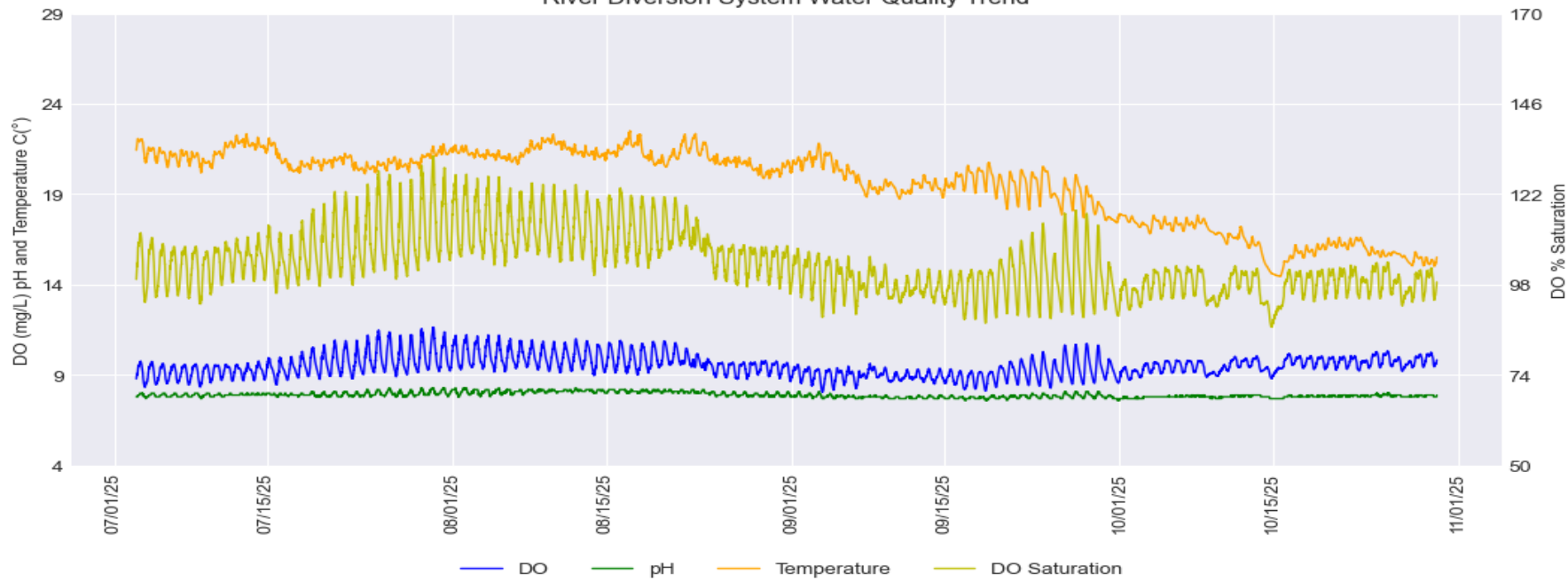


Johnsons Beach - Difference between Daily Maximum and Minimum for DO and pH

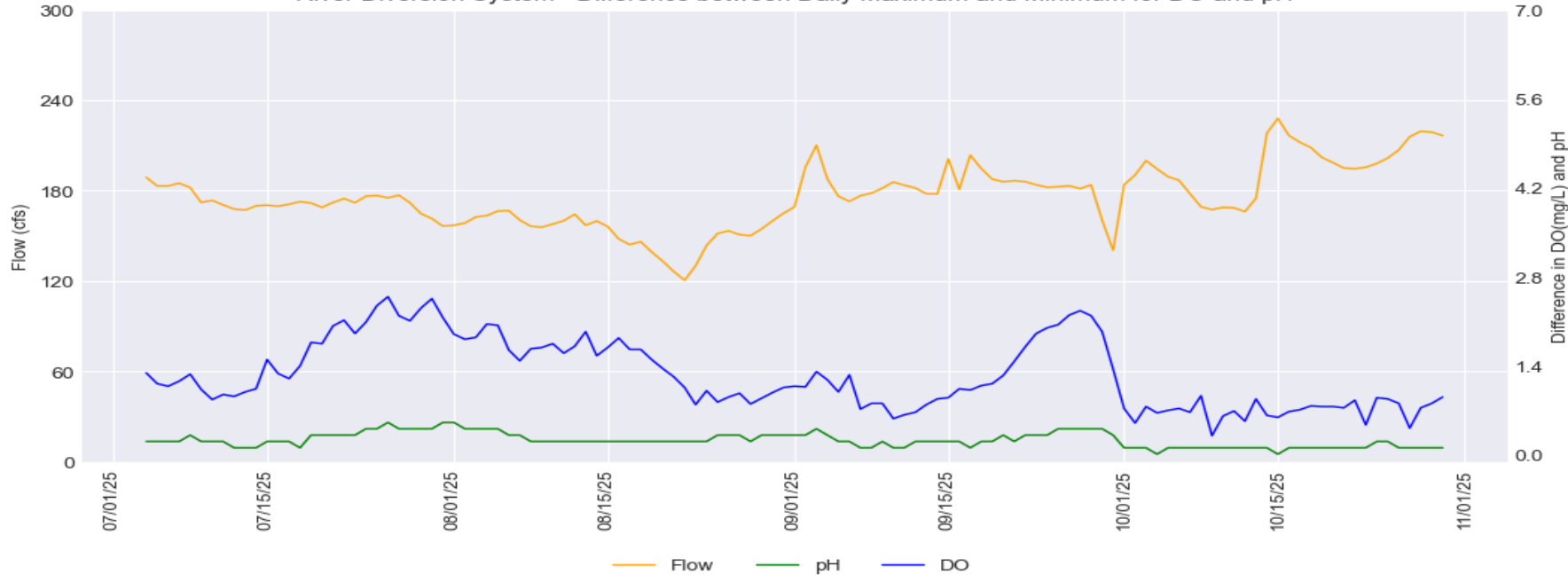


River Diversion System at Mirabel

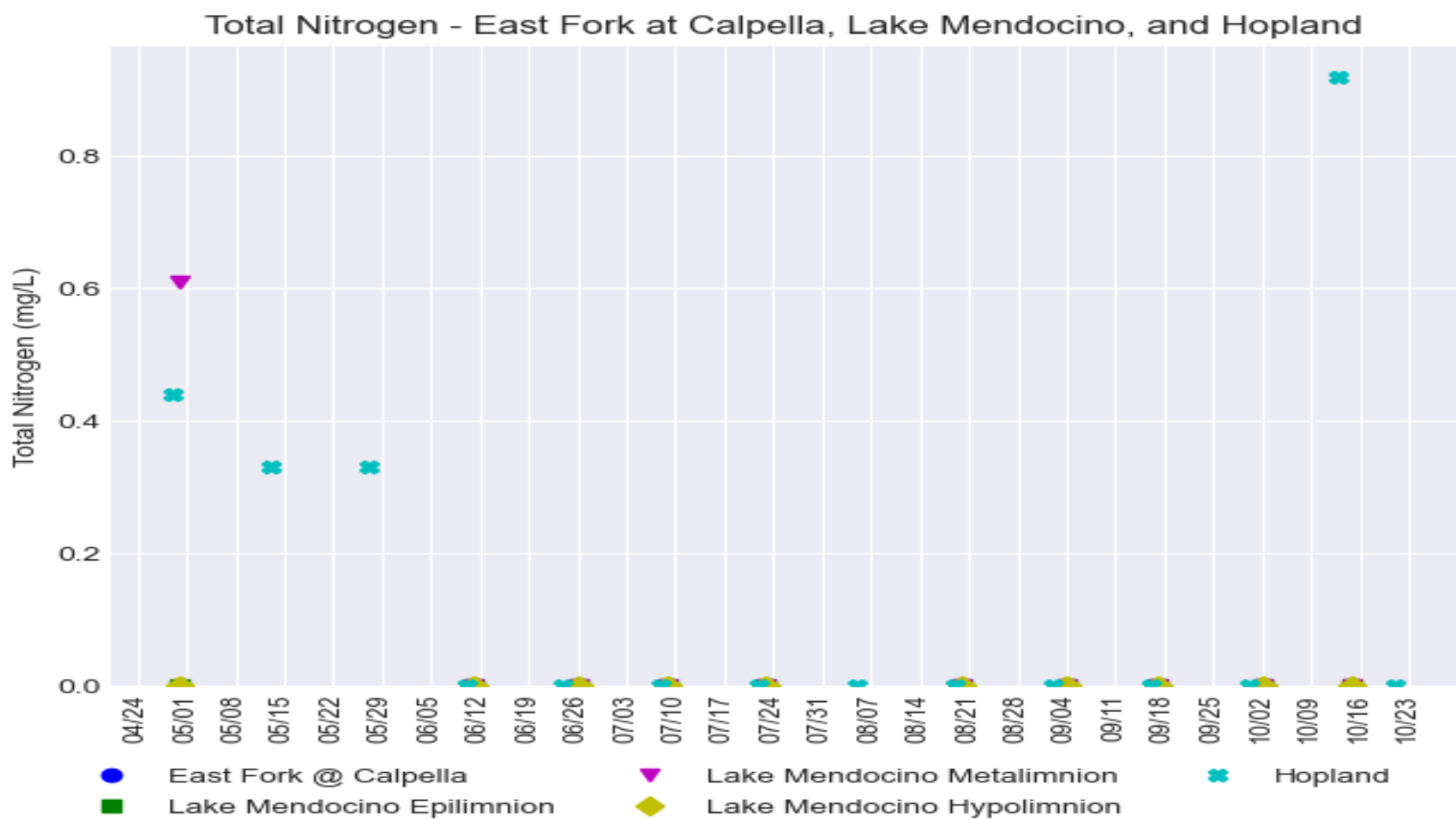
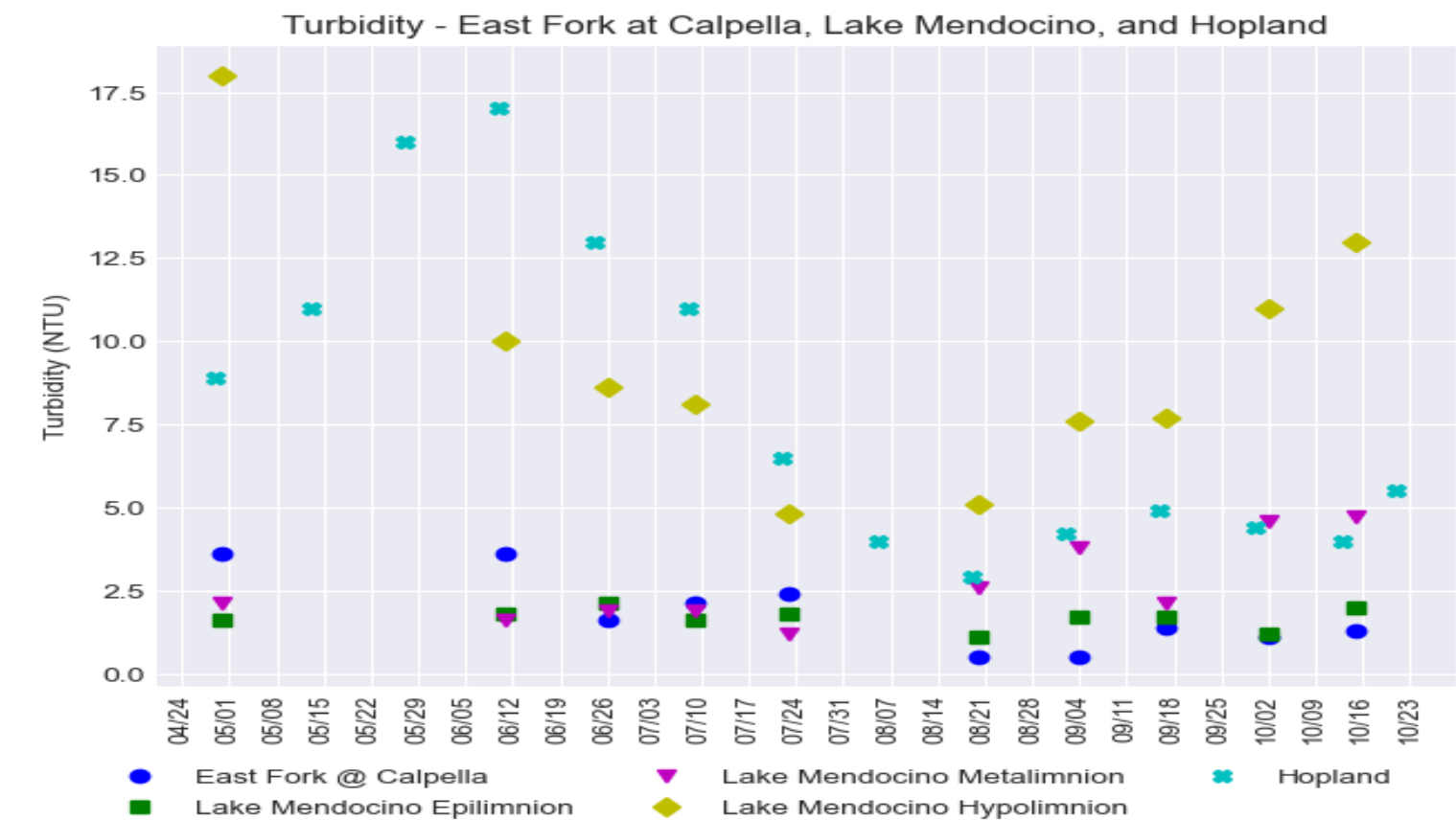
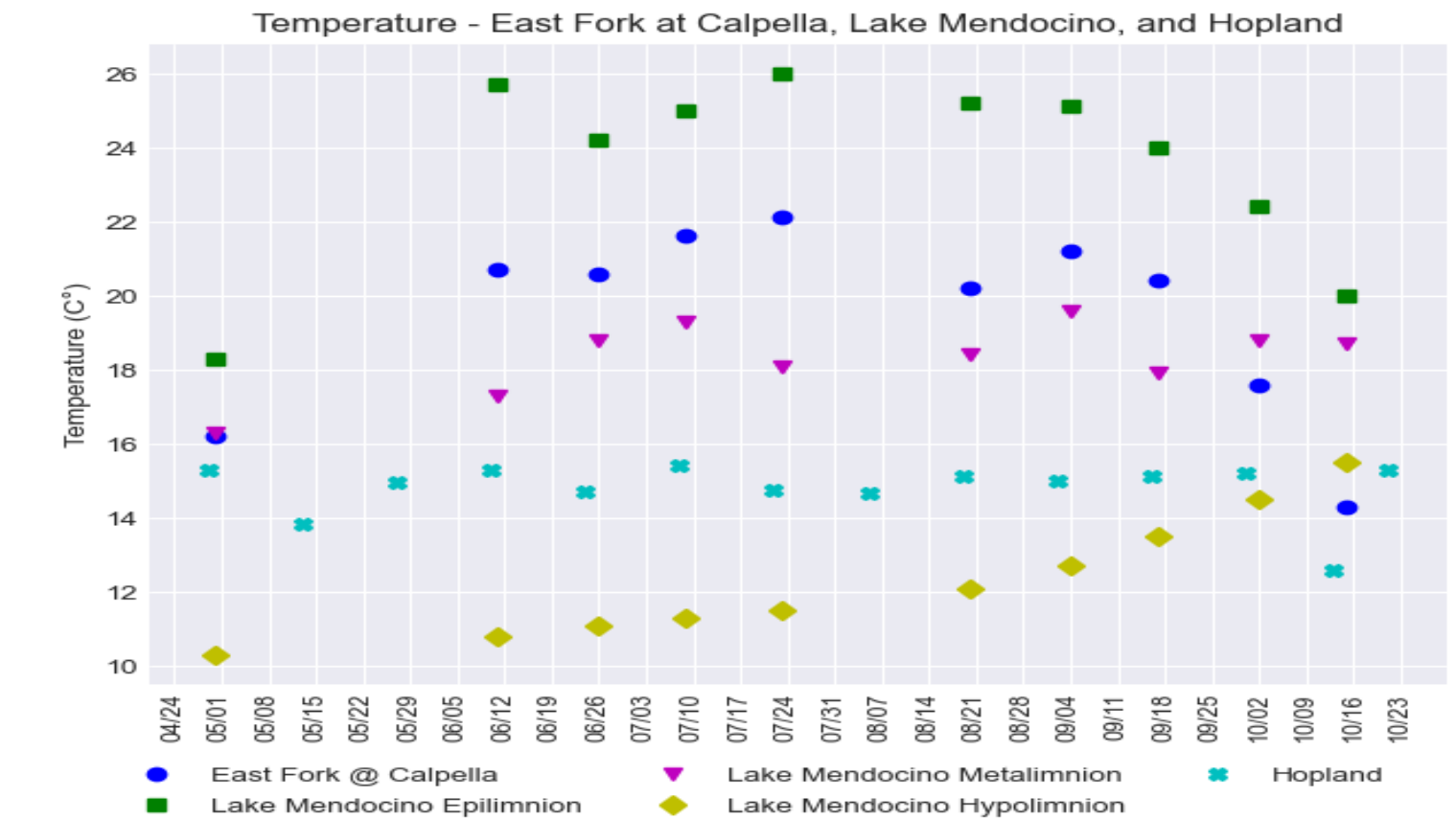
River Diversion System Water Quality Trend



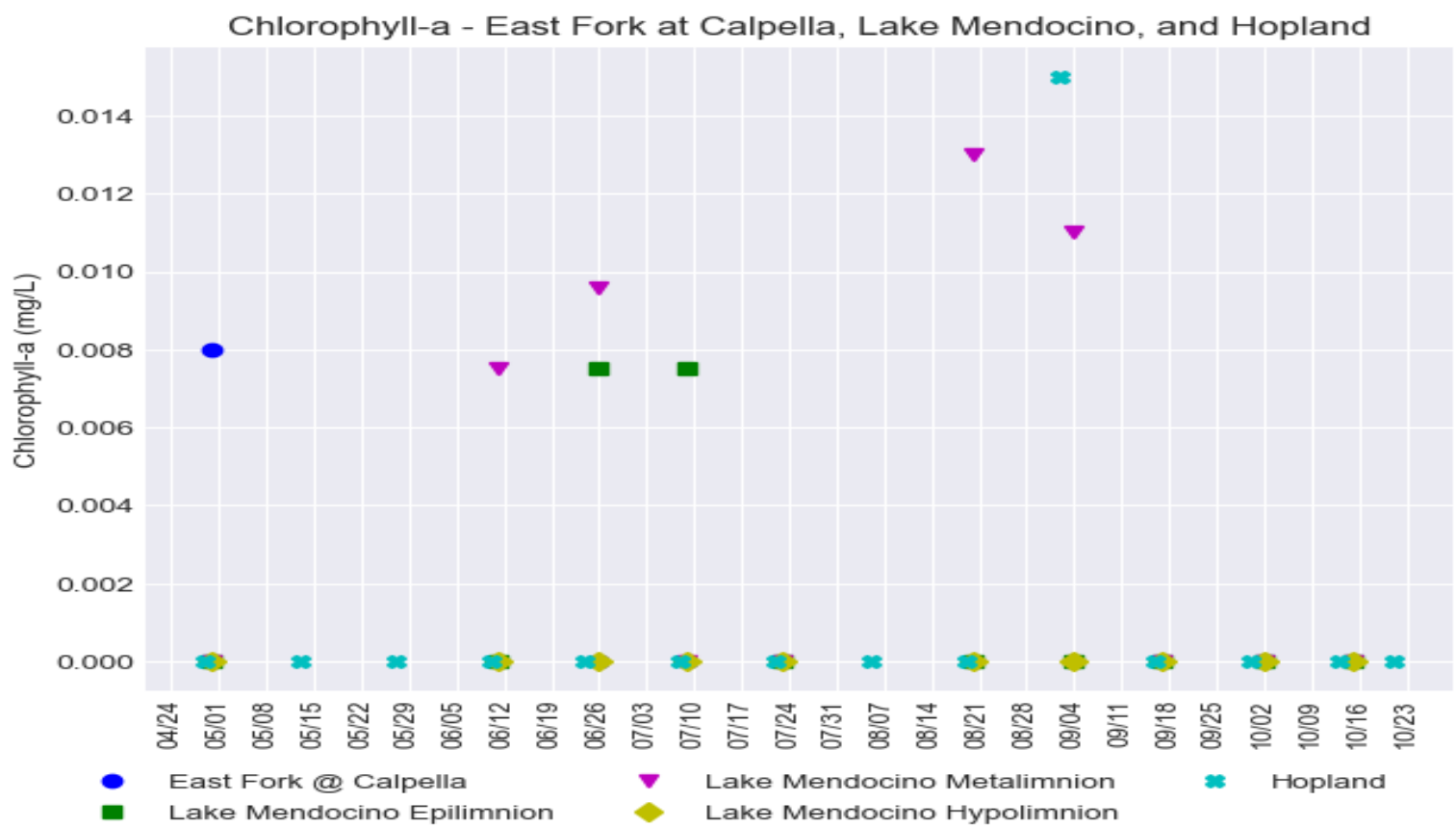
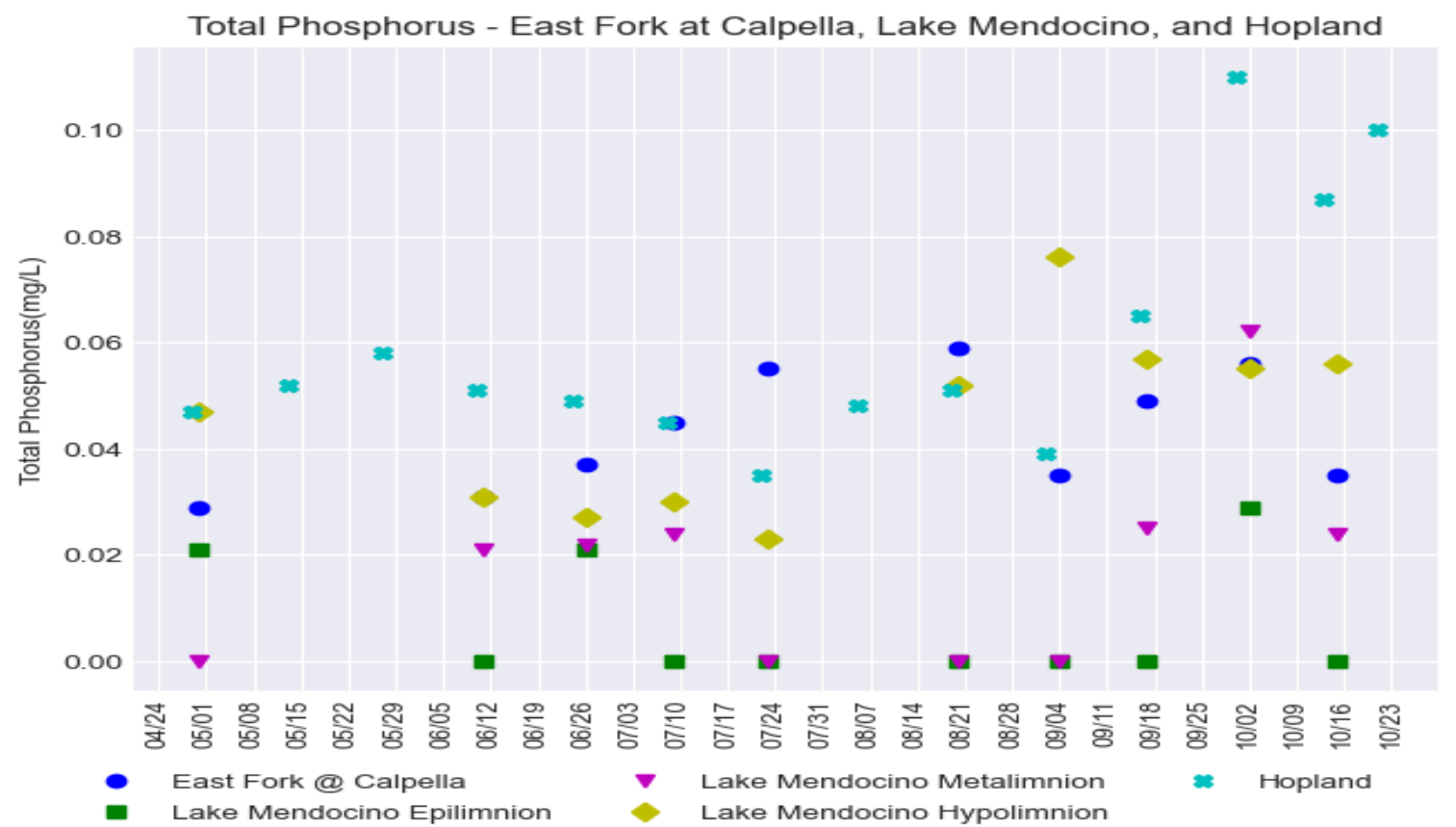
River Diversion System - Difference between Daily Maximum and Minimum for DO and pH



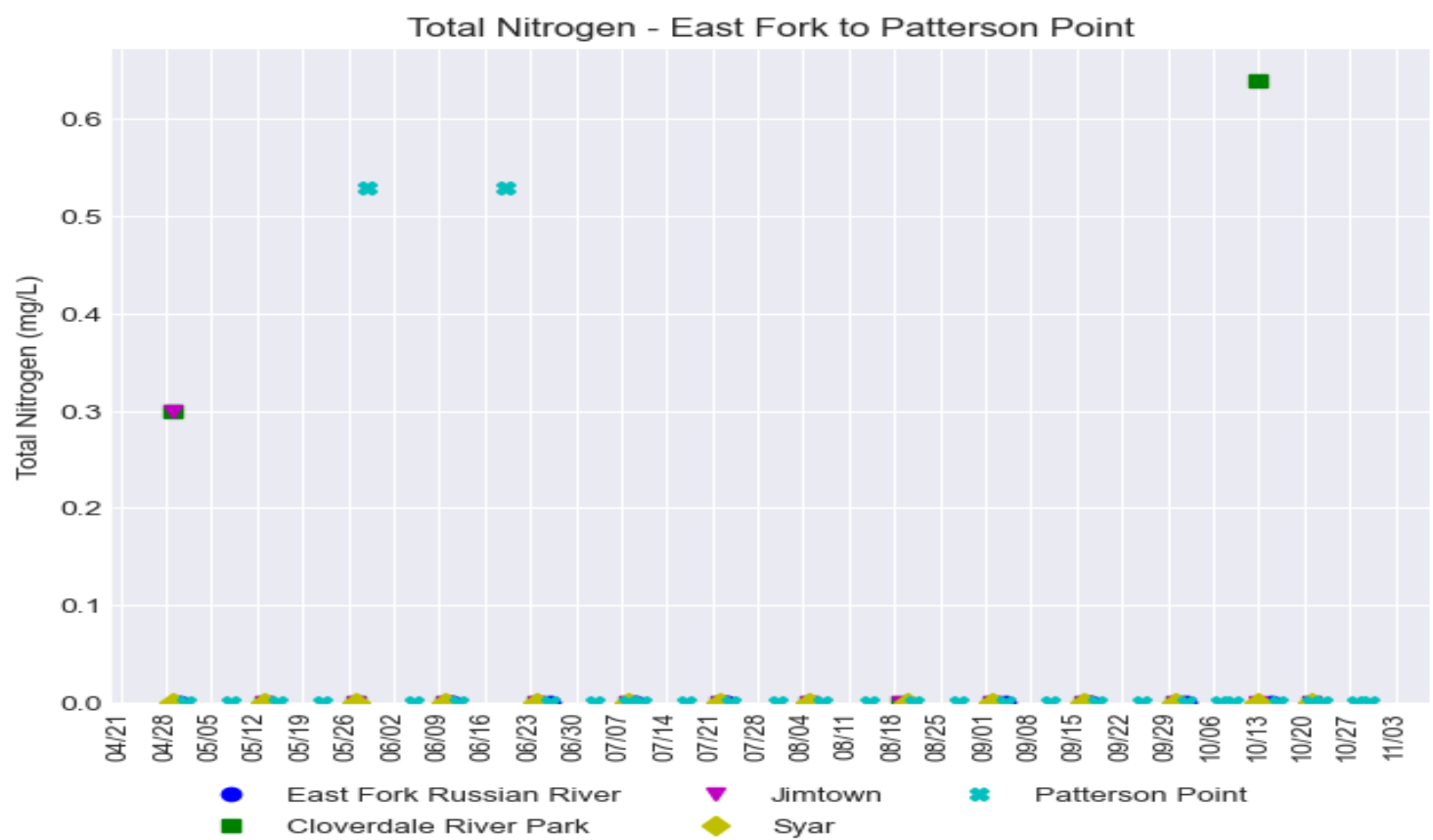
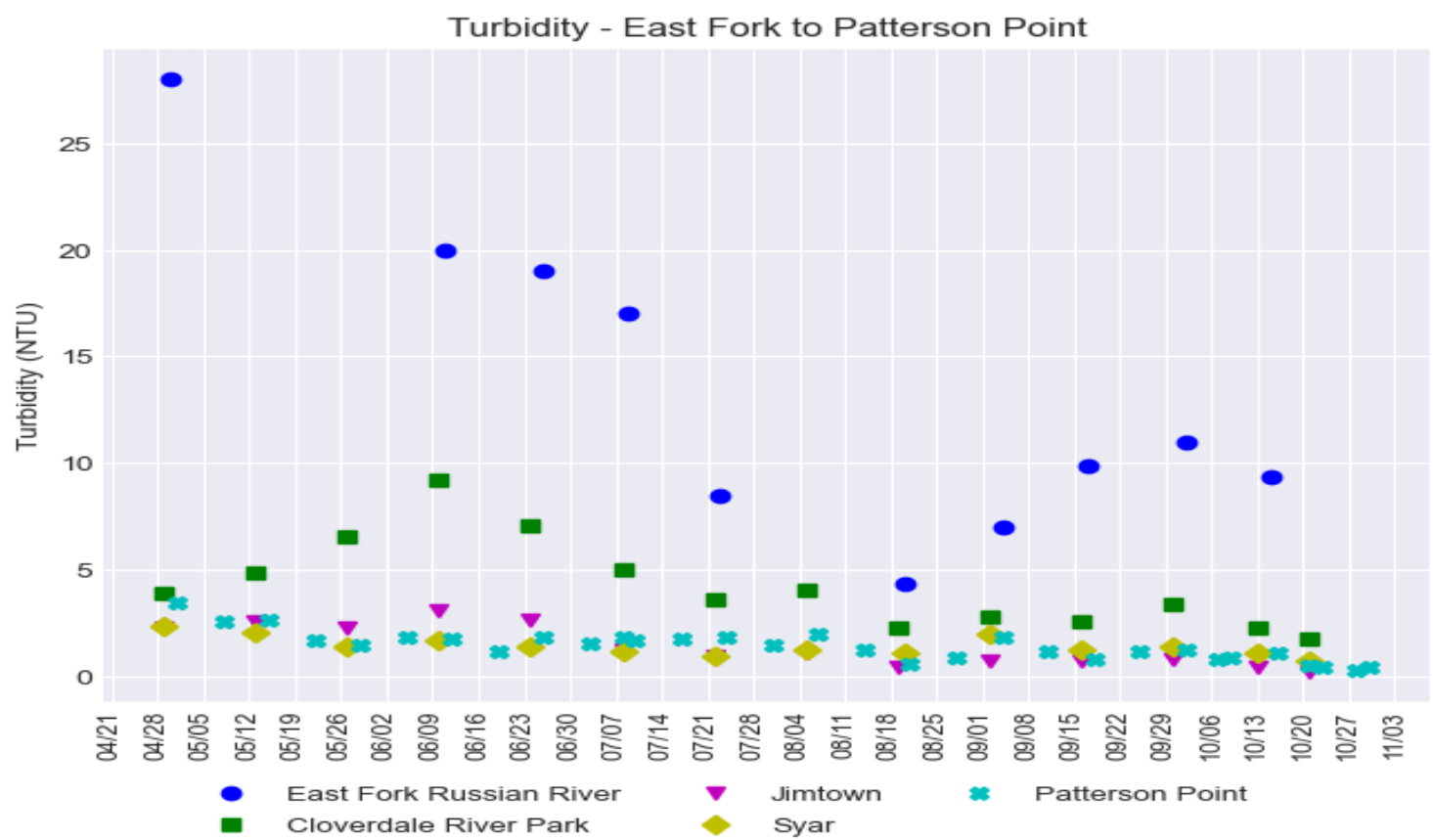
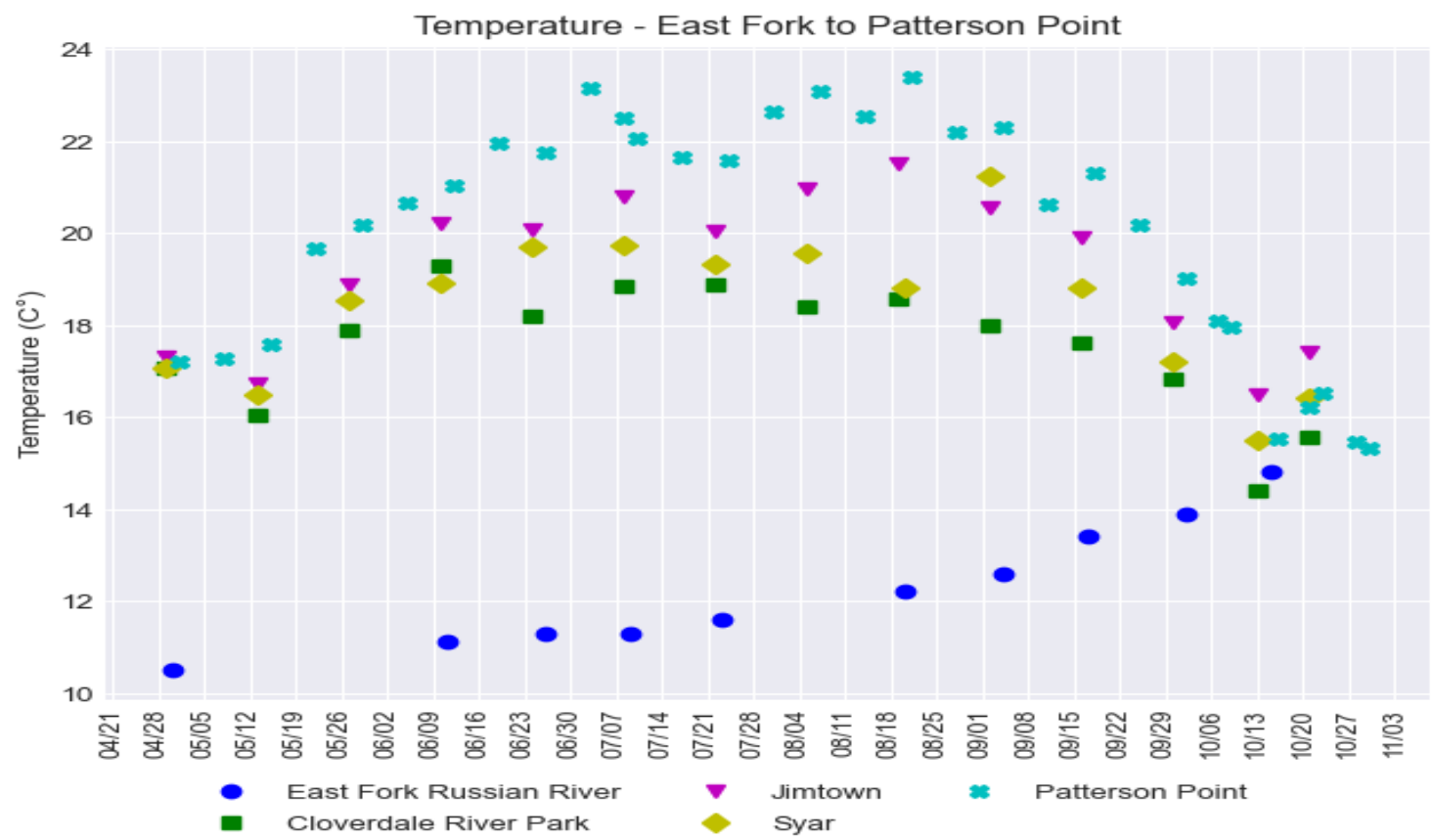
Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples
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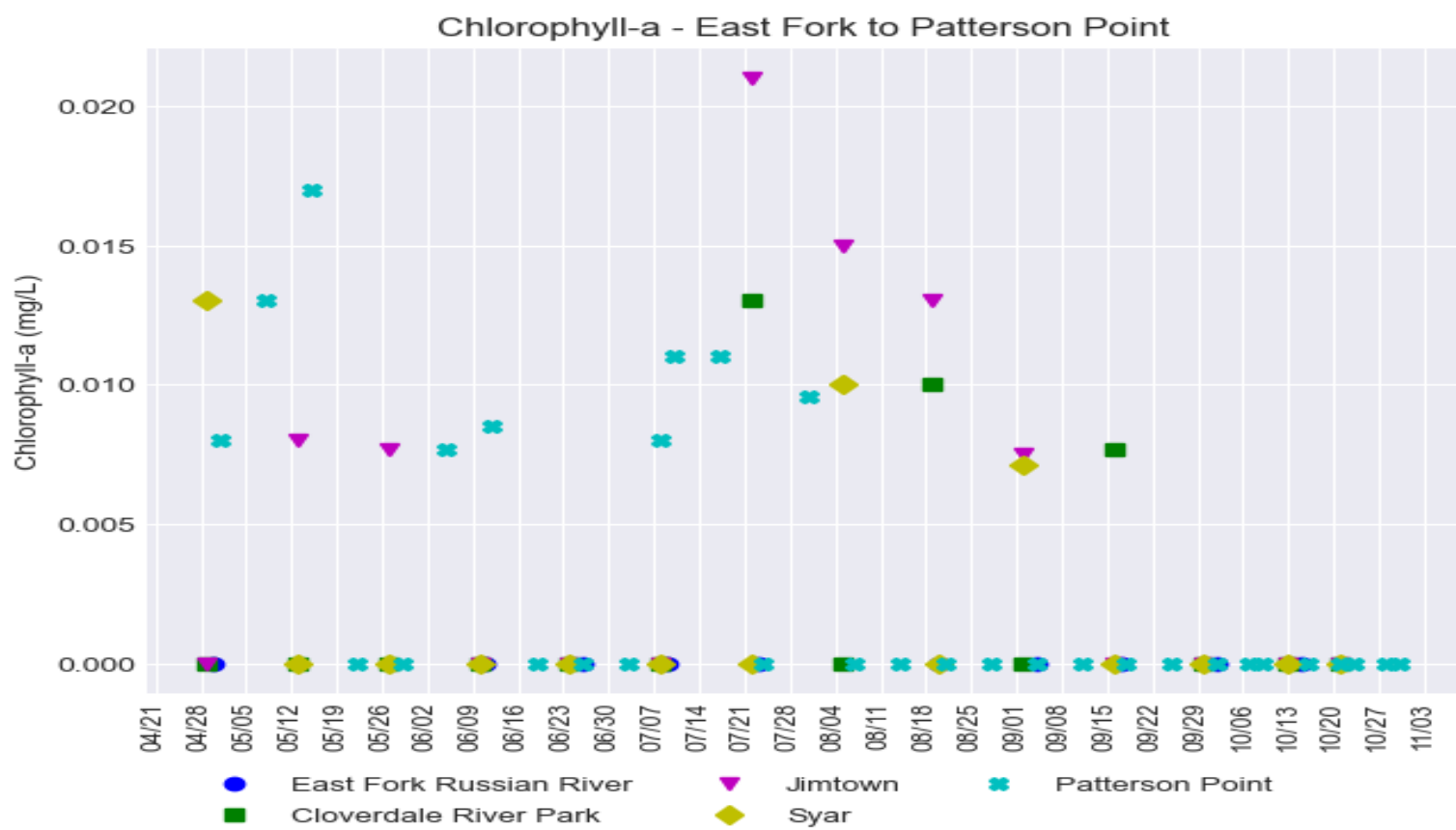
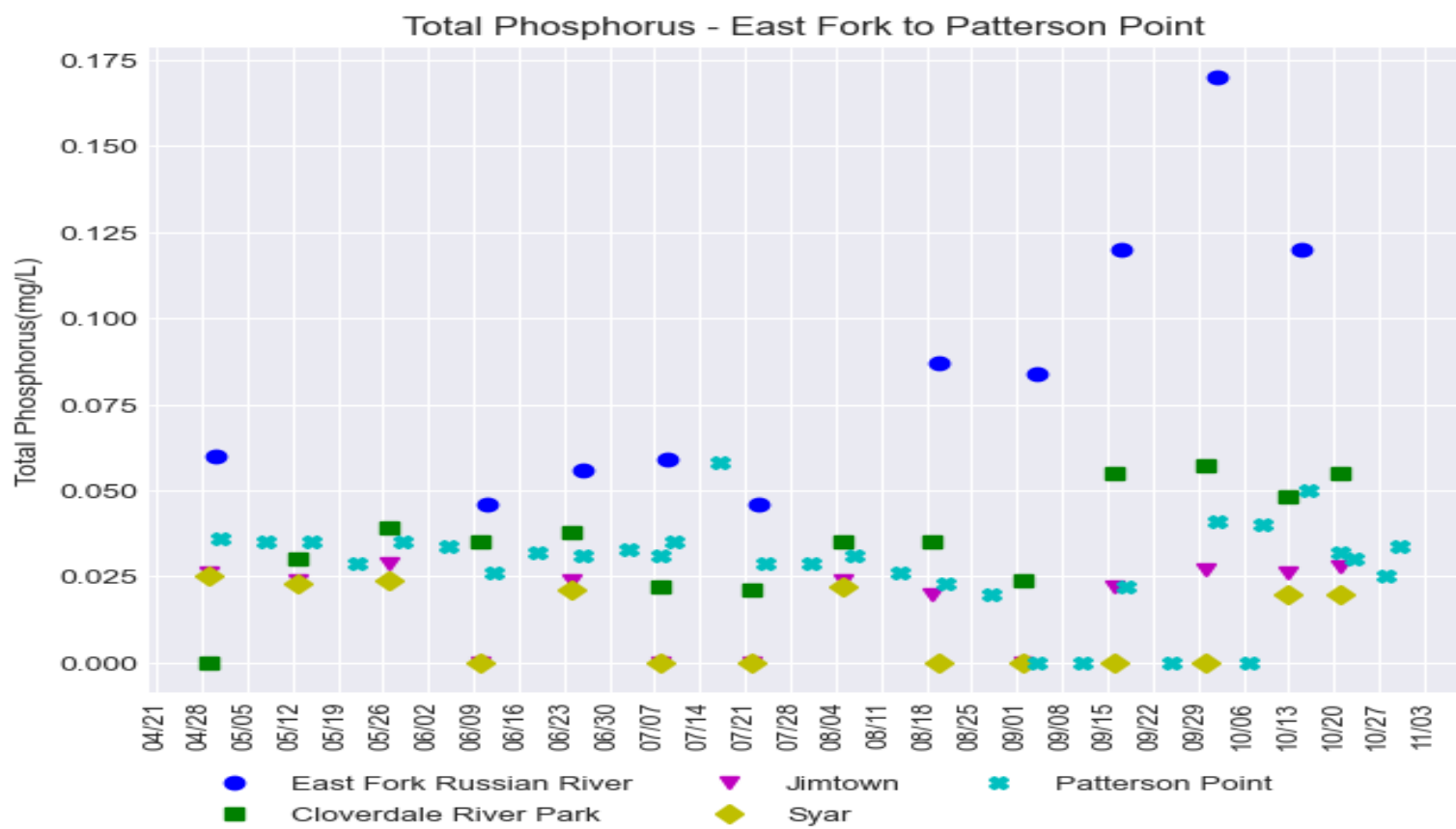


Russian River Water Quality Grab Samples
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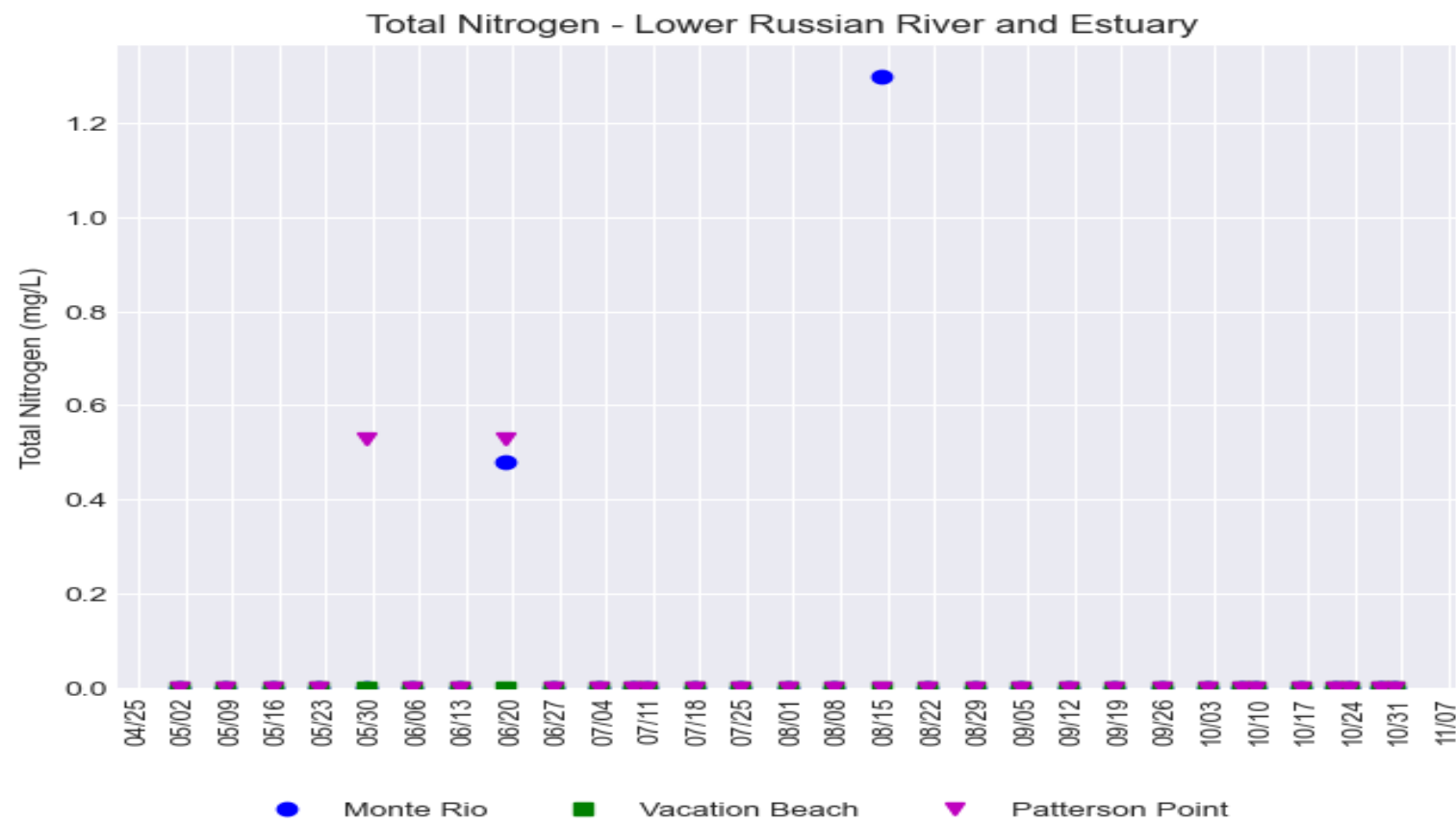
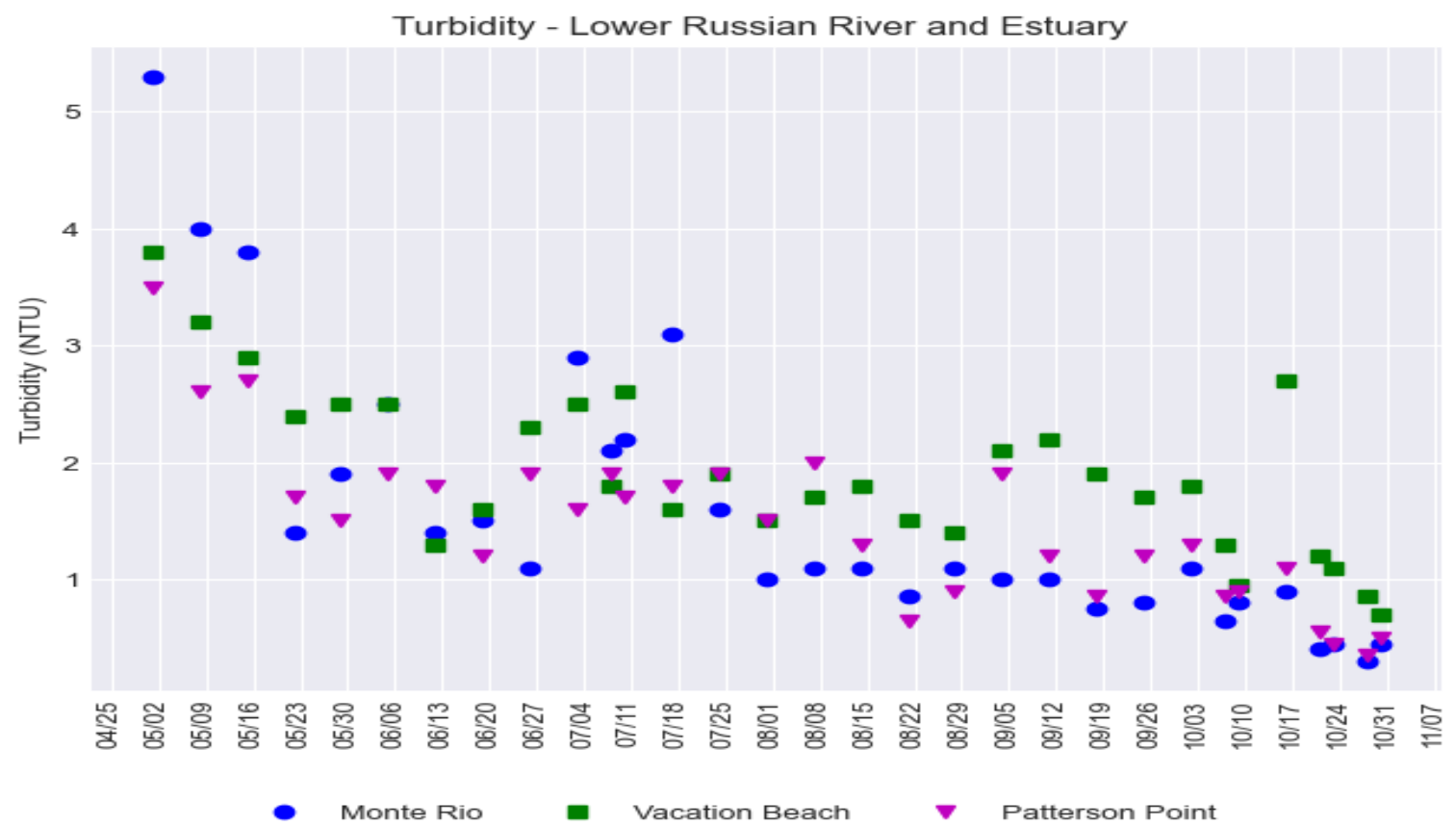
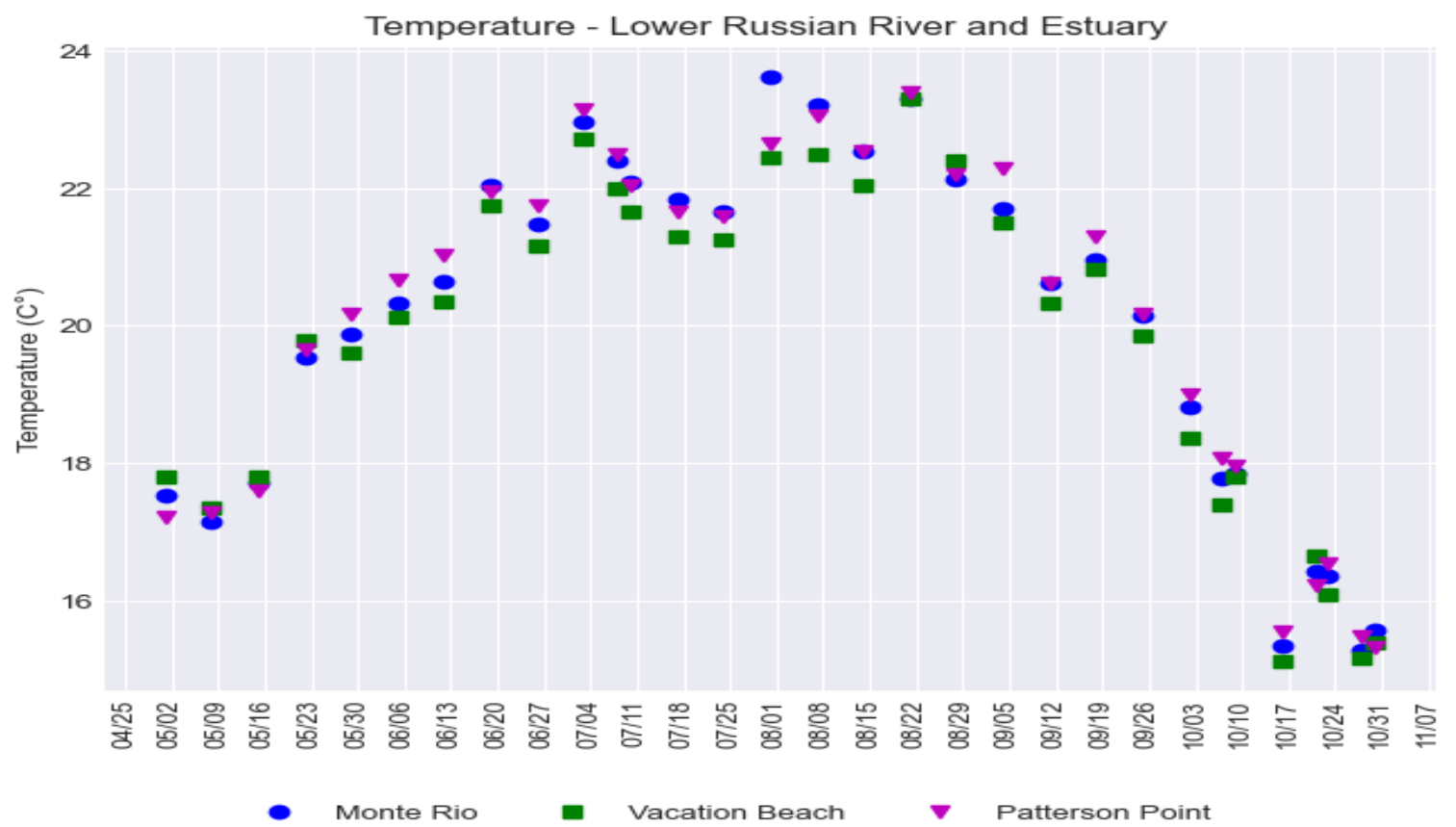
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision

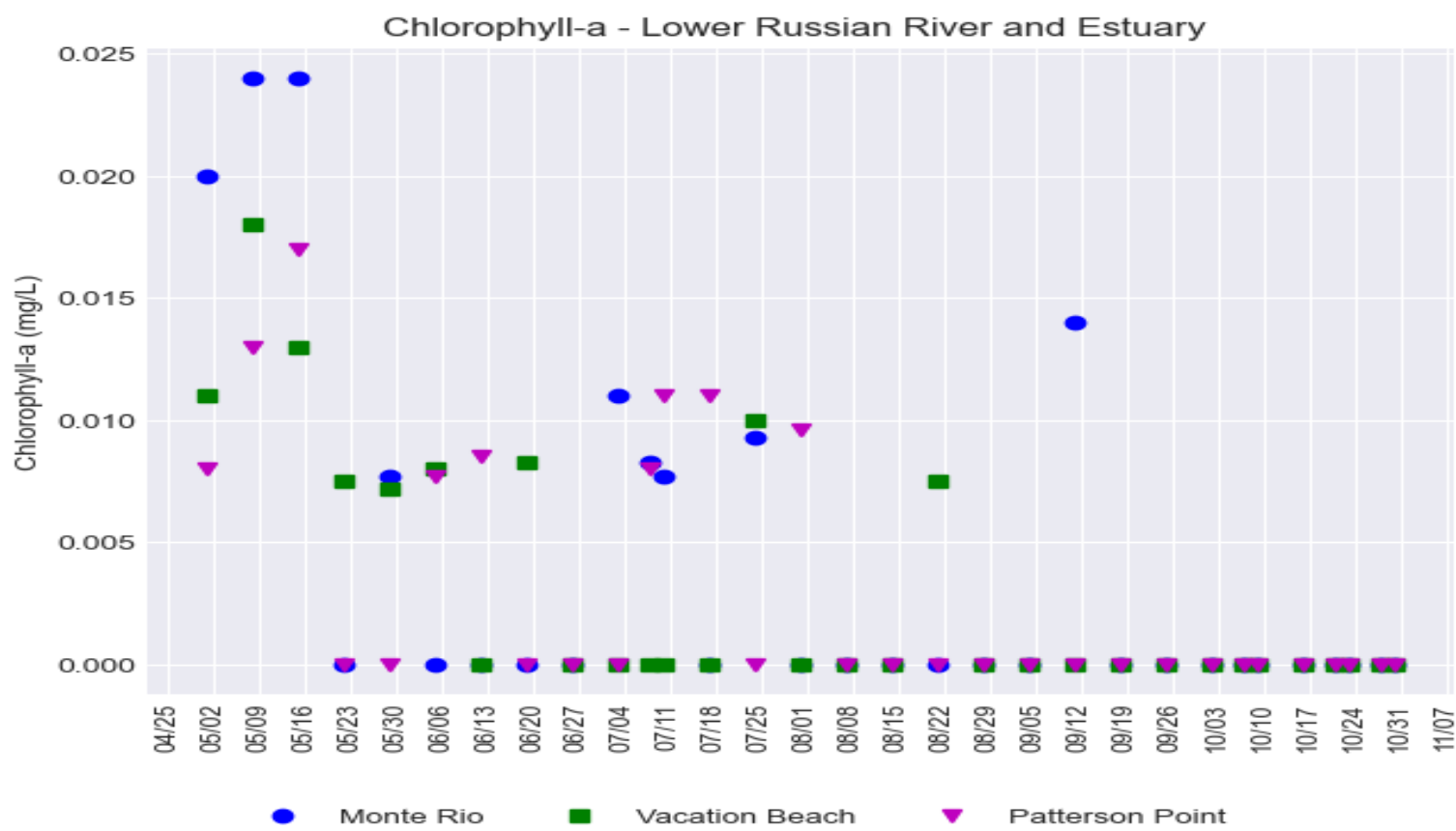
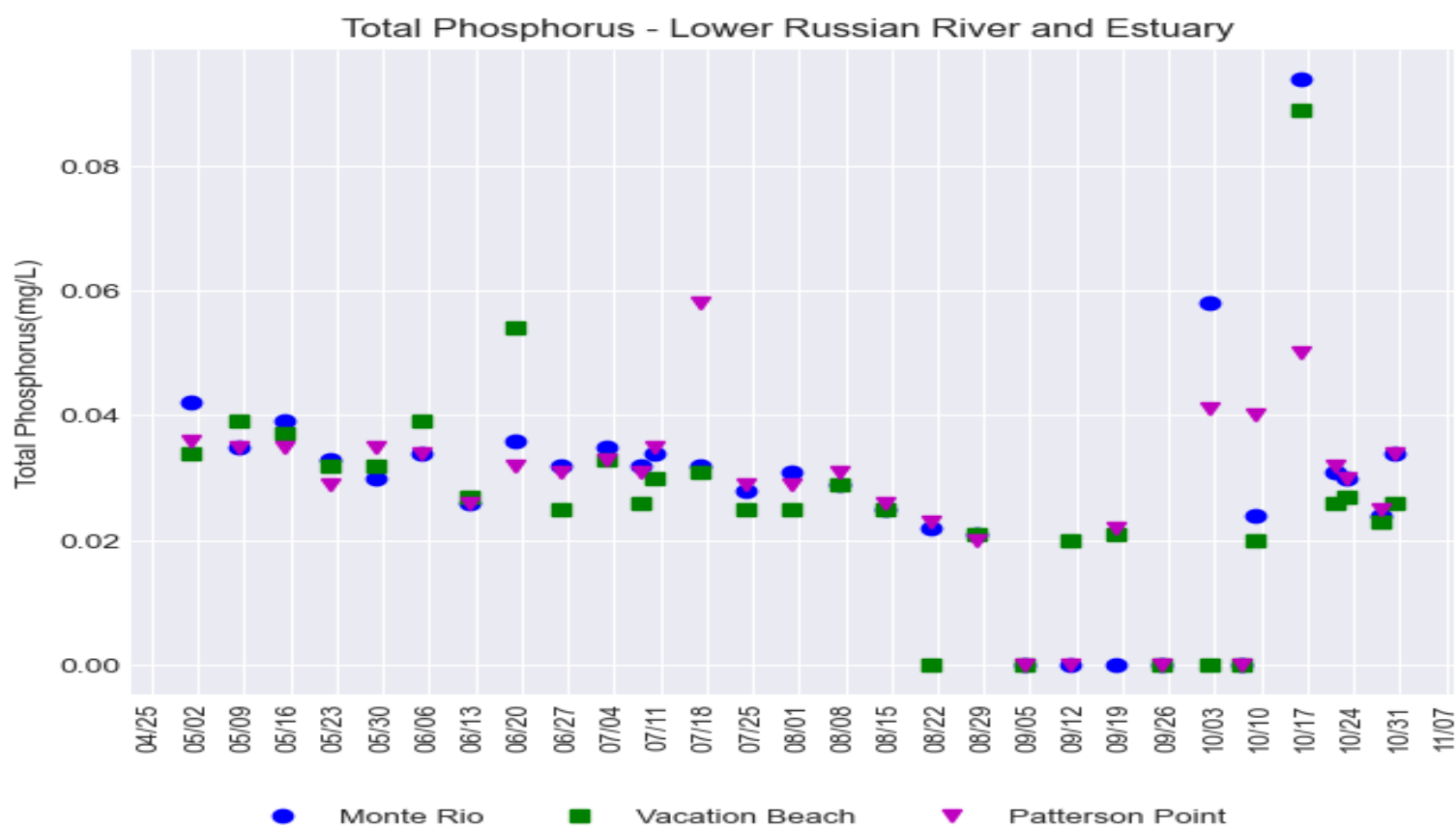


Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples (October 9 - November 13, 2025)
Provisional Data Subject to Revision

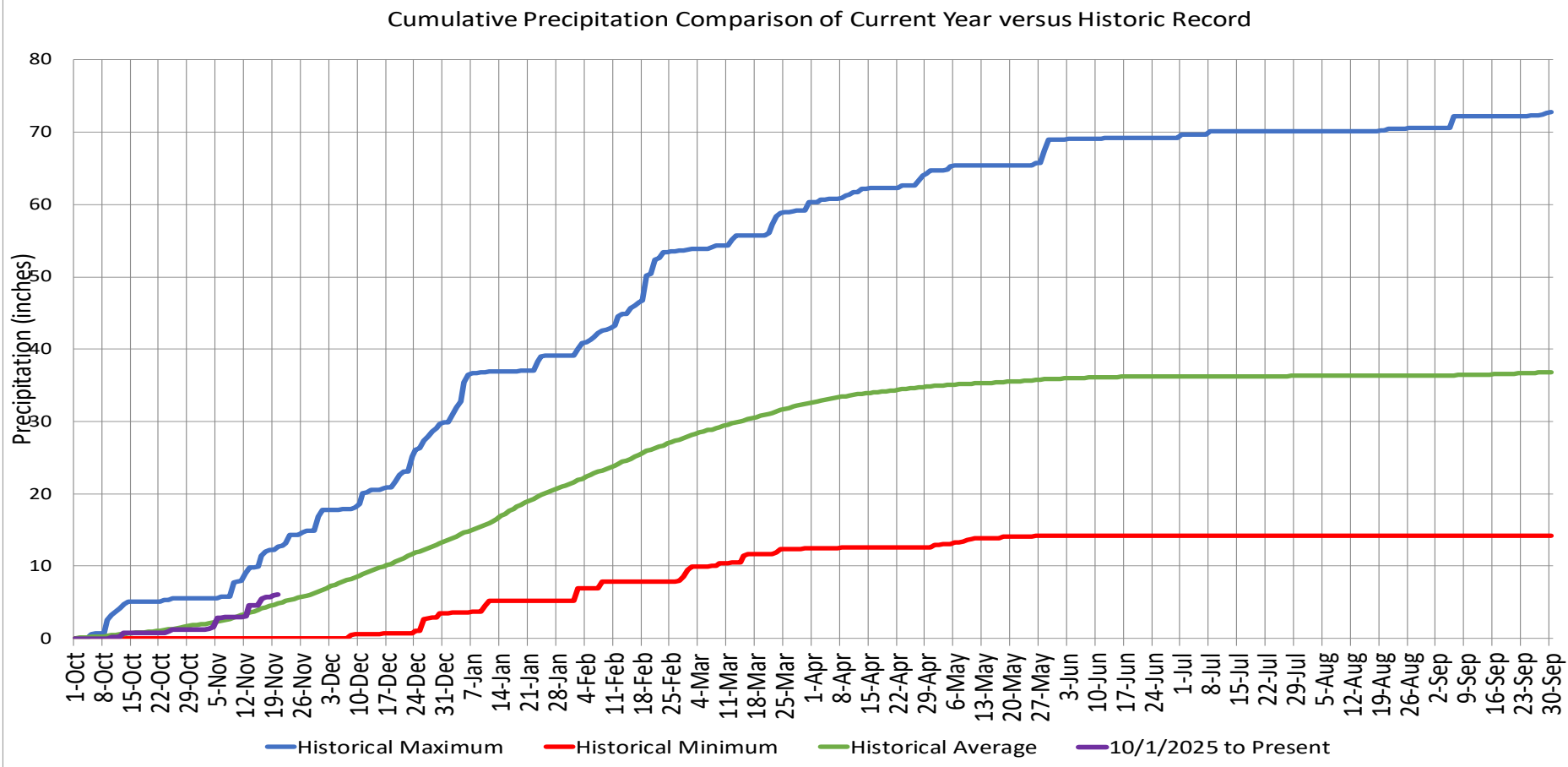
Russian River Estuary Standard Bacterial Indicators

Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	10/9/2025	816.4	613.1	816.4
		10/16/2025	488.4	686.7	1986.3
		10/21/2025	648.8	488.4	435.2
		10/23/2025	866.4	488.4	344.8
		10/28/2025	1553.1	1299.7	1732.9
		11/4/2025	1935**	437**	465**
		11/6/2025	1968.3	2419.6	1732.9
		11/13/2025	4106**	4106**	11199**
E. Coli MPN/100 mL	235	10/9/2025	26.2	21.8	13.4
		10/16/2025	21.3	65	131.7
		10/21/2025	34.1	13.2	24.9
		10/23/2025	101.4	36.9	8.5
		10/28/2025	145	61.3	172.3
		11/4/2025	54.8	51.2	33.2
		11/6/2025	108.1	88.4	155.3
		11/13/2025	866.4	248.1	365.4
Enterococcus MPN/100 mL ****	61	10/9/2025	32.7	12	12.1
		10/16/2025	29.5	38.9	111.2
		10/21/2025	26.2	20.3	12.1
		10/23/2025	88.2	34.5	15.8
		10/28/2025	231	139.6	435.2
		11/4/2025	10.8	19.9	15.8
		11/6/2025	67	115.3	272.3
		11/13/2025	461.1	435.2	>2419.6

*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, 2025 - Nov 20, 2025	6.23
Last 7 Days*	1.49



Global Forecast System Model 16-day Cumulative Precipitation Forecast

