



Sonoma
Water

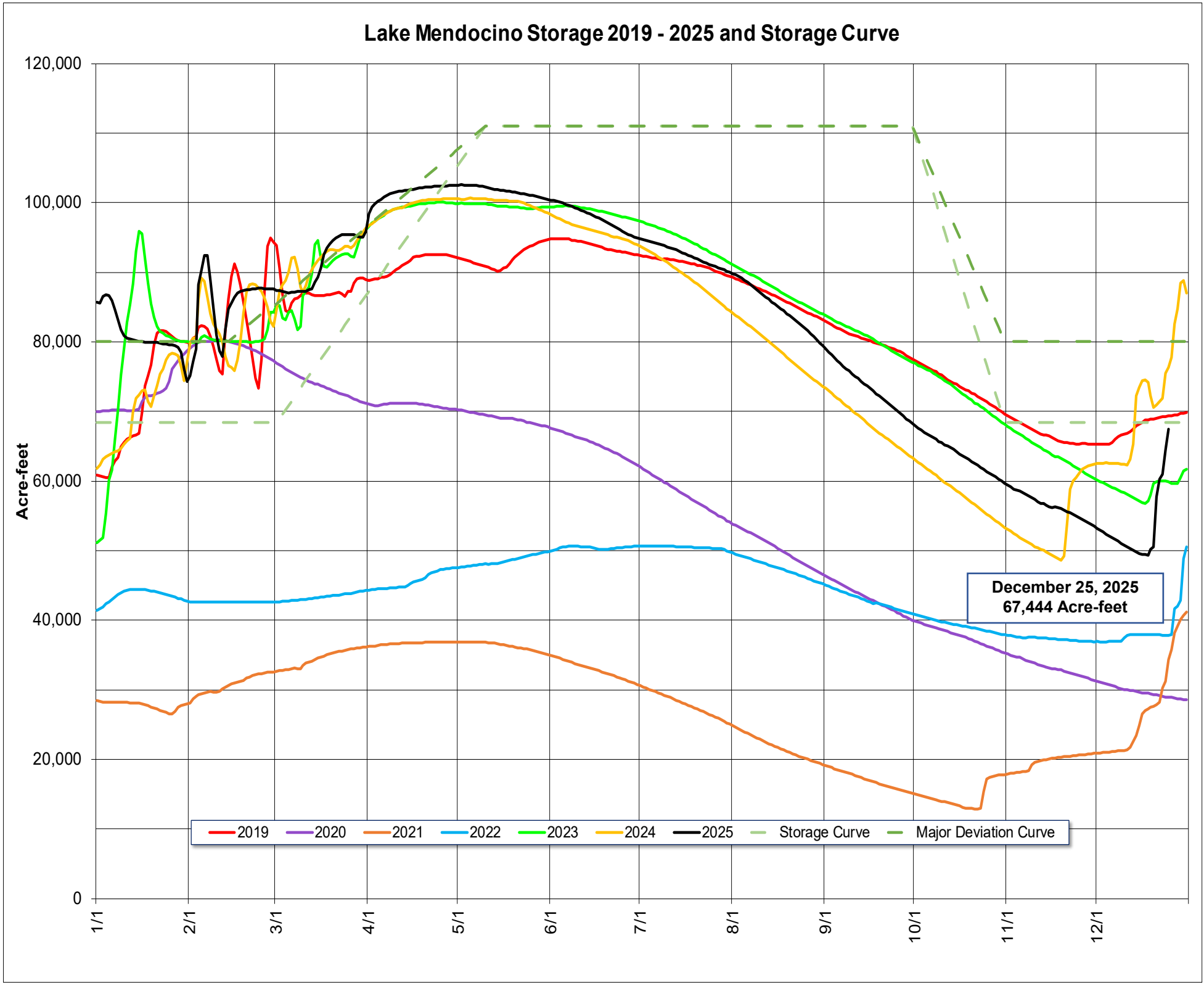
State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
December 19, 2025 - December 25, 2025

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 December 25, 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

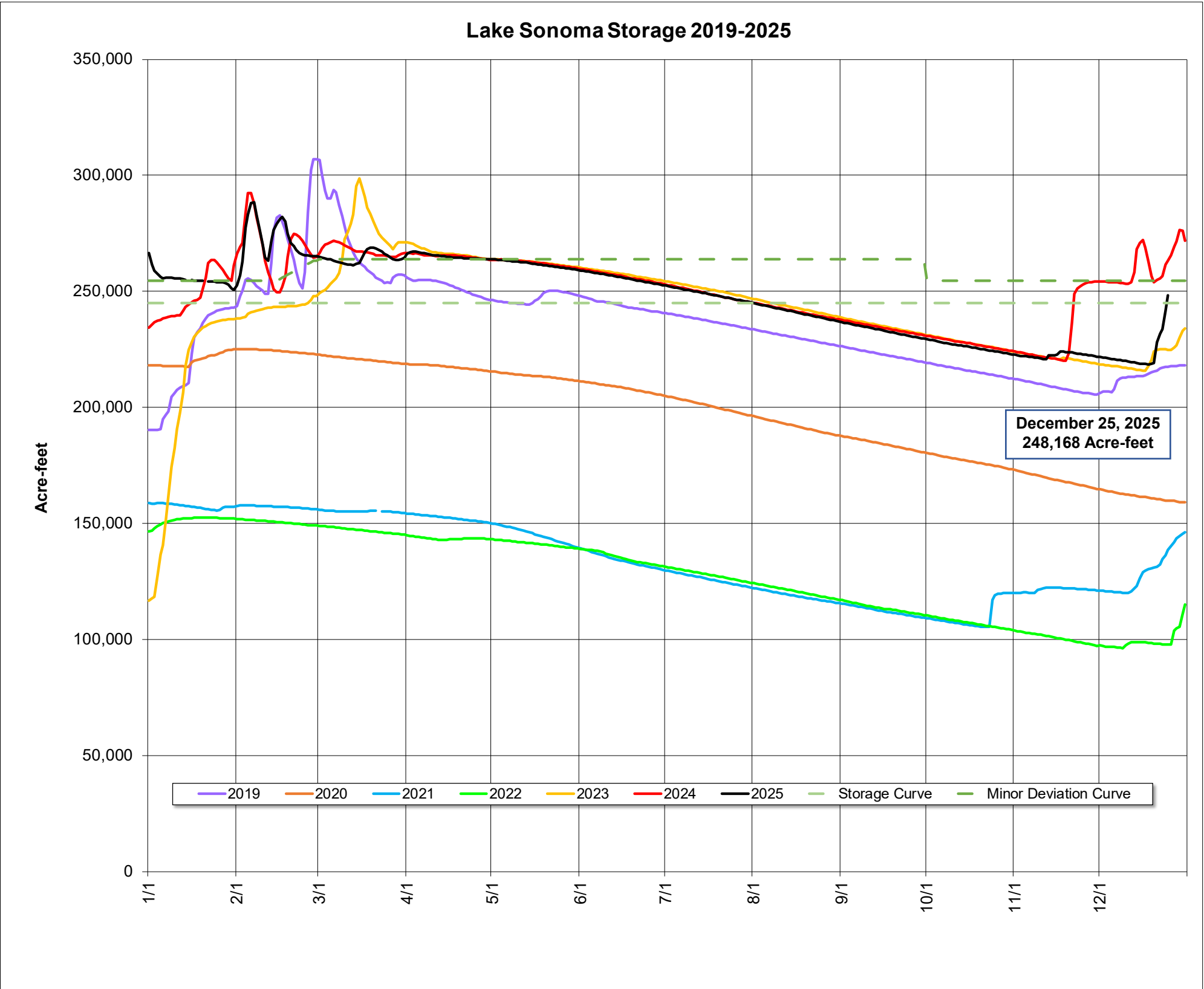


Storage (acre-feet)	December 25, 2025	67,444	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	12,712	424
	Last 7 days	17,269	2,467
Daily Inflow (cfs)	Last 7 days	Min	298
		Max	3,731
		Mean	1,382
Release (cfs)	Last 7 days	Min	45
		Max	120
		Mean	77

Lake Sonoma



Todd Schram, February 10 , 2024

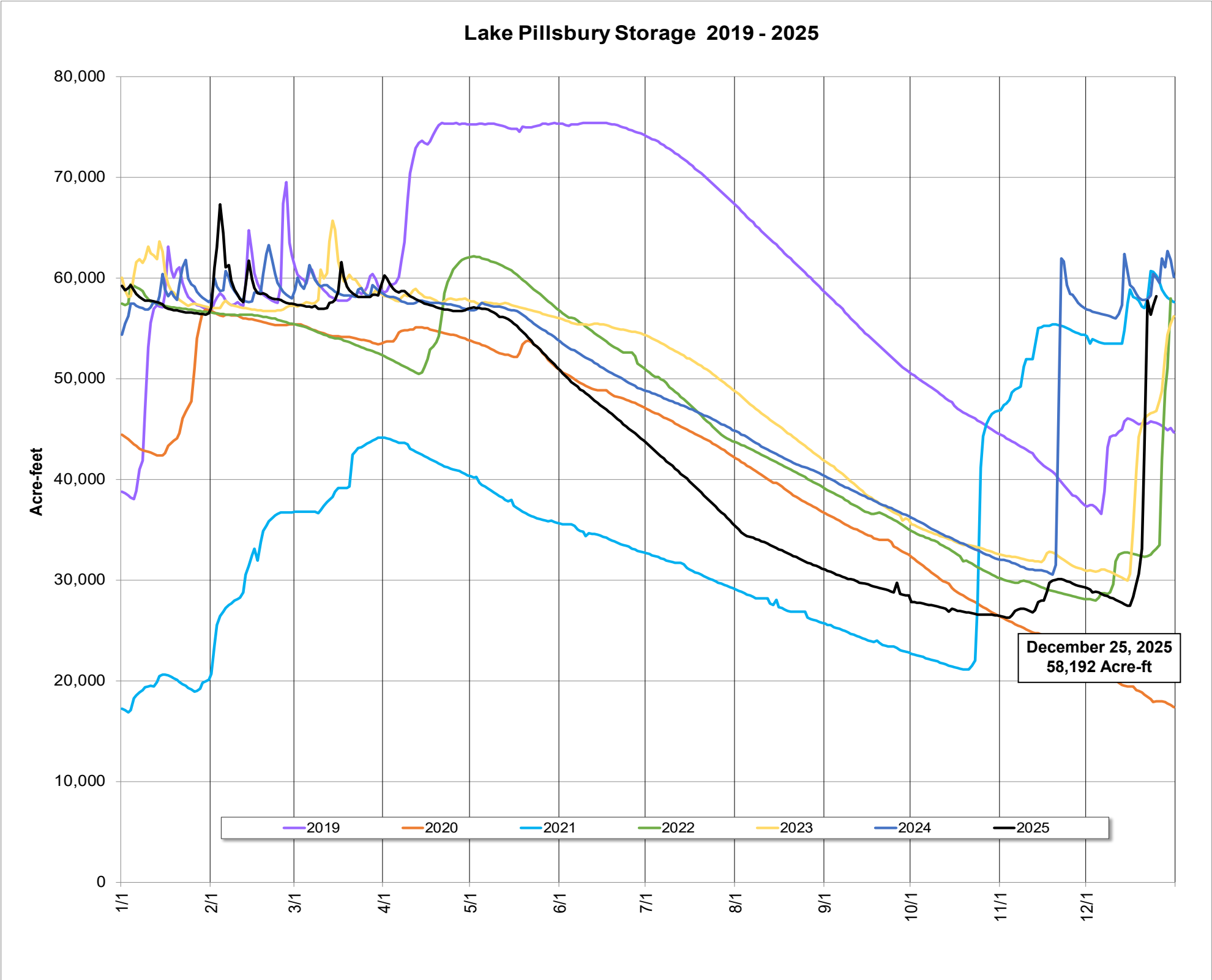


Storage (acre-feet)	December 25, 2025	248,168	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	25,315	844
	Last 7 days	29,325	4,189
Daily Inflow (cfs)	Last 7 days	Min	270
		Max	4,552
		Mean	2,248
Release (cfs)	Last 7 days	Min	108
		Max	111
		Mean	109

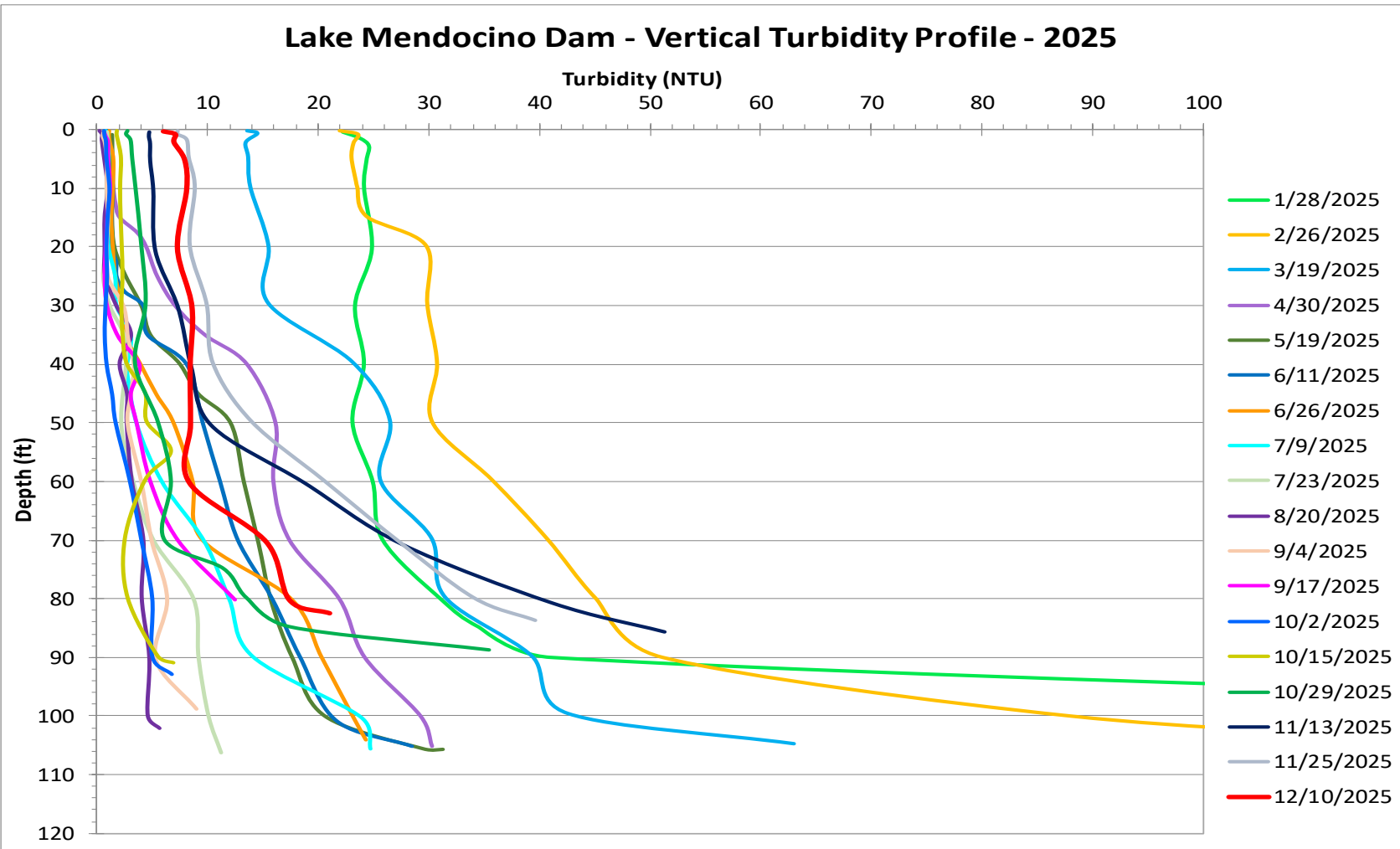
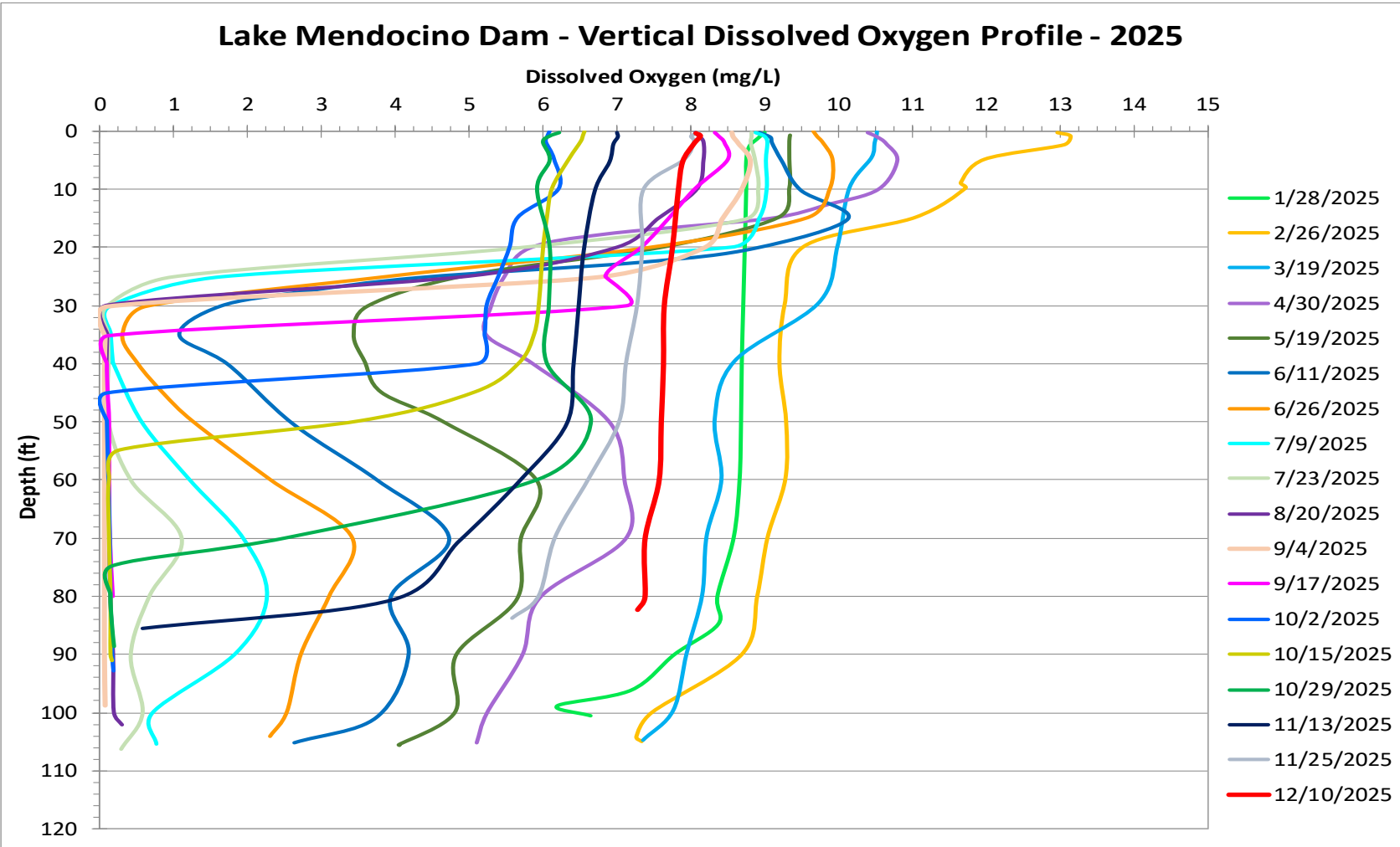
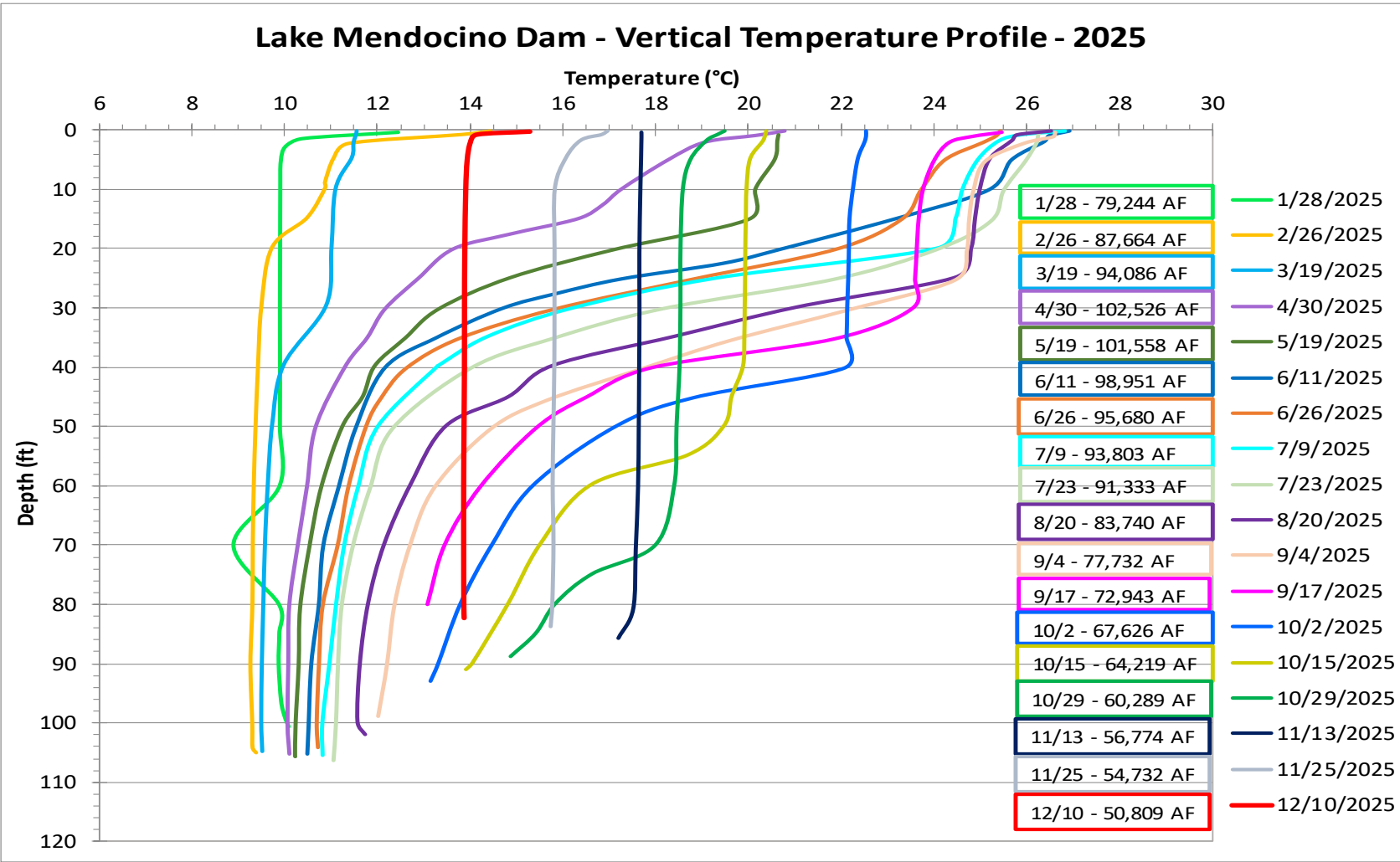
Potter Valley Project		
PVP Diversion (cfs)	December 25, 2025	2

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - December 25, 2025	87,011	1,012
	Last 7 days	67,705	9,672

*Inflow calculation based on criteria established in D1610



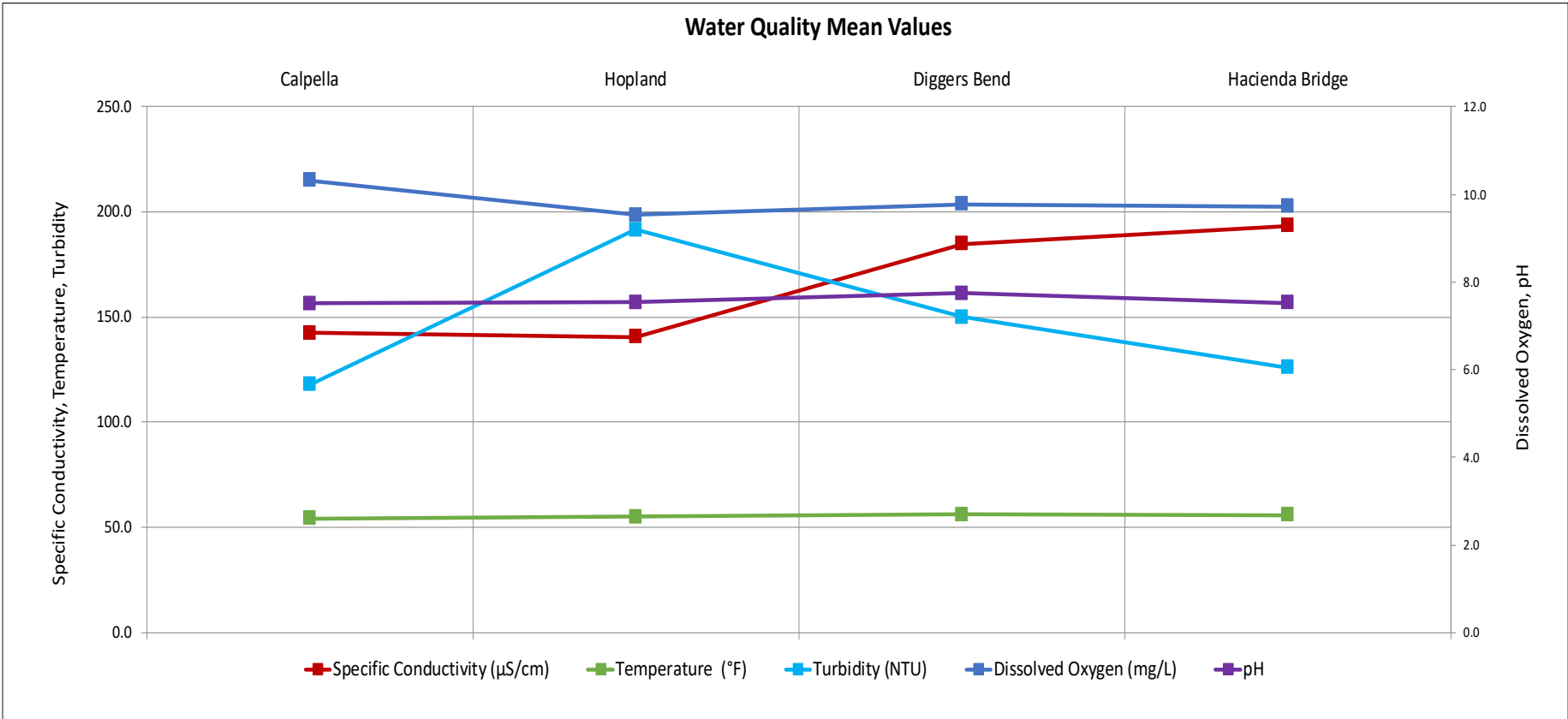
Lake Mendocino Water Quality Vertical Profiles (January 28 – December 10, 2025)
Provisional Data Subject to Revision



Russian River Flows (December 19, 2025 - December 25, 2025)

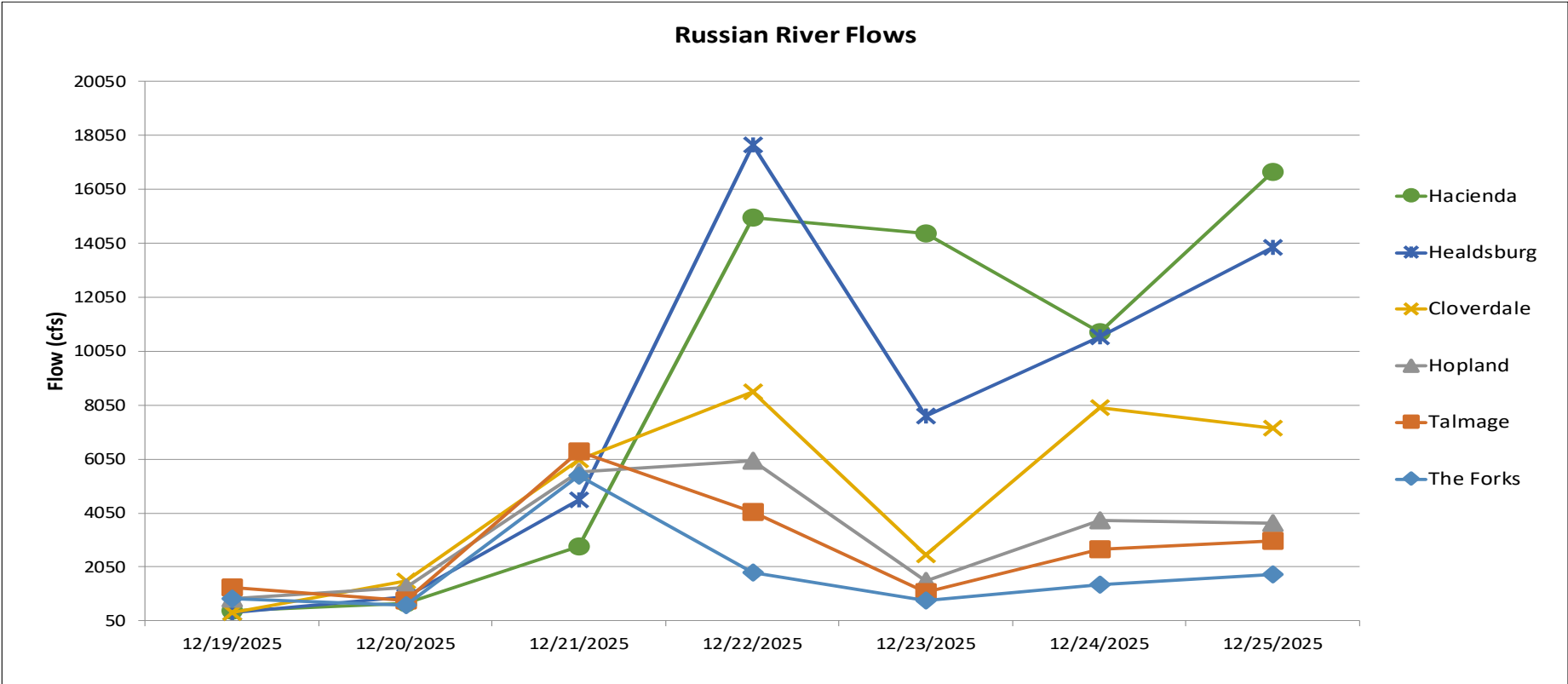
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	52.2	53.2		54.7	54.5		53.8	
	Max	55.9	56.3		56.8	56.8		57.0	
	Mean	54.2	55.0		55.9	56.0		55.8	
Specific Conductivity (µS/cm)	Min	70.0	52.0			98.0		46.0	
	Max	263.0	217.0			292.0		274.0	
	Mean	142.4	140.6			184.8		193.6	
Dissolved Oxygen (mg/L)	Min	8.5	9.2			9.2		8.9	
	Max	10.6	9.9			11.8		11.7	
	Mean	10.3	9.5			9.8		9.7	
Dissolved Oxygen (% Saturation)	Min	80.6	87.1			88.1		85.8	
	Max	100.1	93.3			112.2		109.3	
	Mean	96.5	89.9			93.5		92.7	
pH	Min	7.1	7.3			7.5		7.2	
	Max	7.8	7.7			8.2		8.0	
	Mean	7.5	7.5			7.7		7.5	
Turbidity (NTU)	Min	10.1	13.3			0.4		2.0	
	Max	1150.0	1810.0			1080.0		461.0	
	Mean	117.9	191.4			150.1		126.0	

*Station operated seasonally



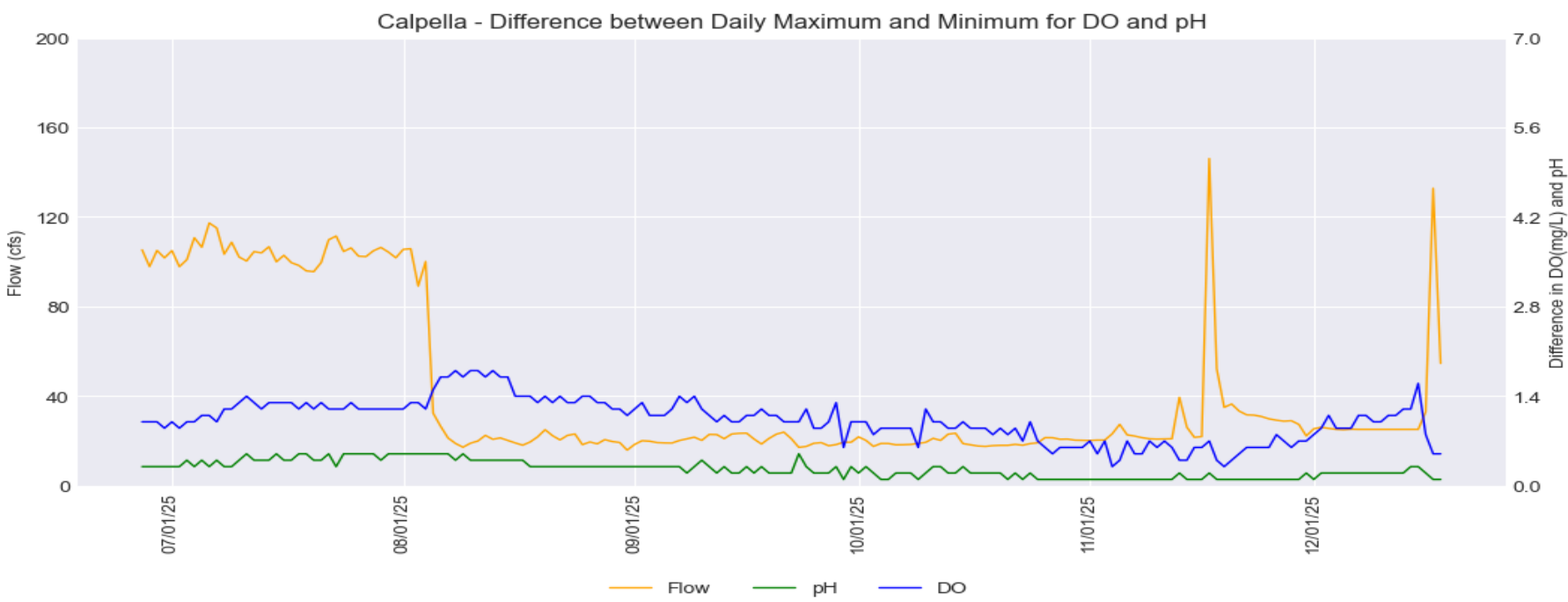
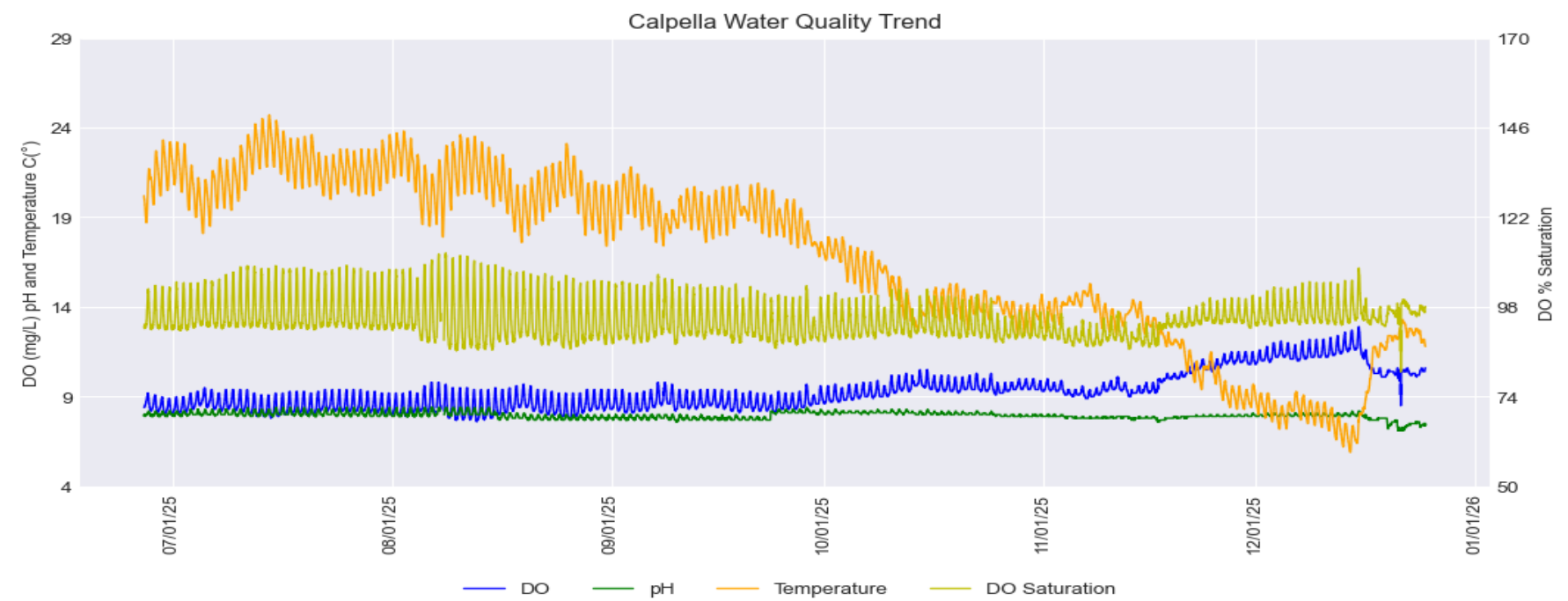
Gage	24-hr Average Flow (cfs)						
	Dec 19, 2025	Dec 20, 2025	Dec 21, 2025	Dec 22, 2025	Dec 23, 2025	Dec 24, 2025	Dec 25, 2025
The Forks*	861	619	5445	1850	794	1407	1758
Talmage USGS 11462080	1304	805	6339	4095	1100	2702	3008
Hopland USGS 11462500	860	1272	5563	6000	1533	3769	3674
Cloverdale USGS 11463000	355	1514	6004	8533	2483	7959	7198
Healdsburg USGS 11464000	343	956	4526	17703	7651	10577	13904
Hacienda USGS 11467000	426	717	2812	15012	14426	10740	16691

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

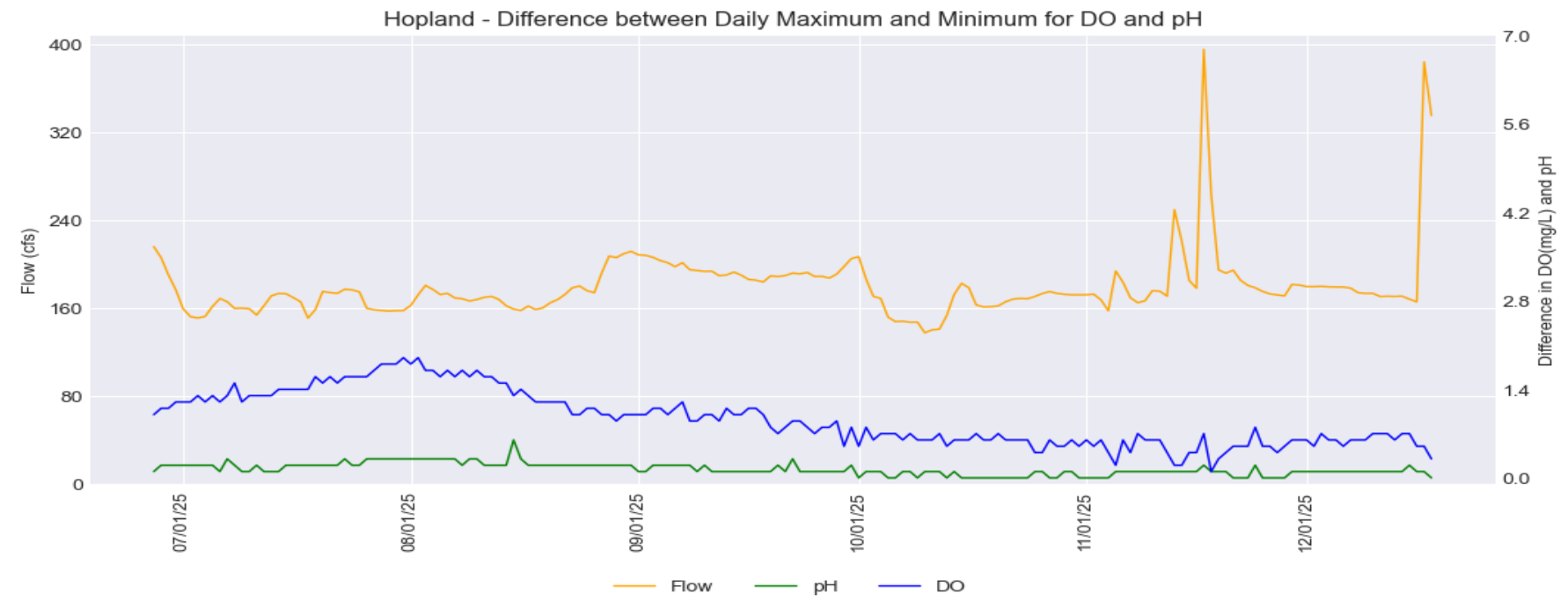
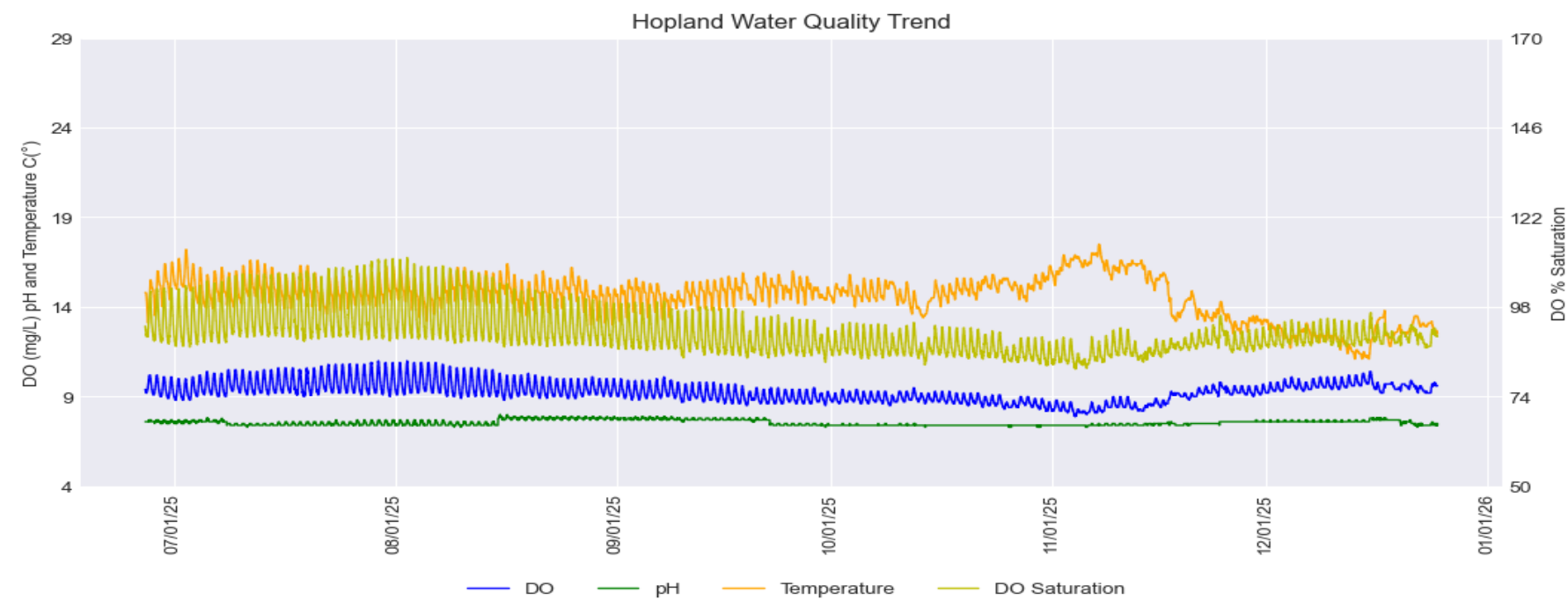


Russian River Water Quality June 27, 2025 – December 25, 2025
Provisional Data Subject to Revision

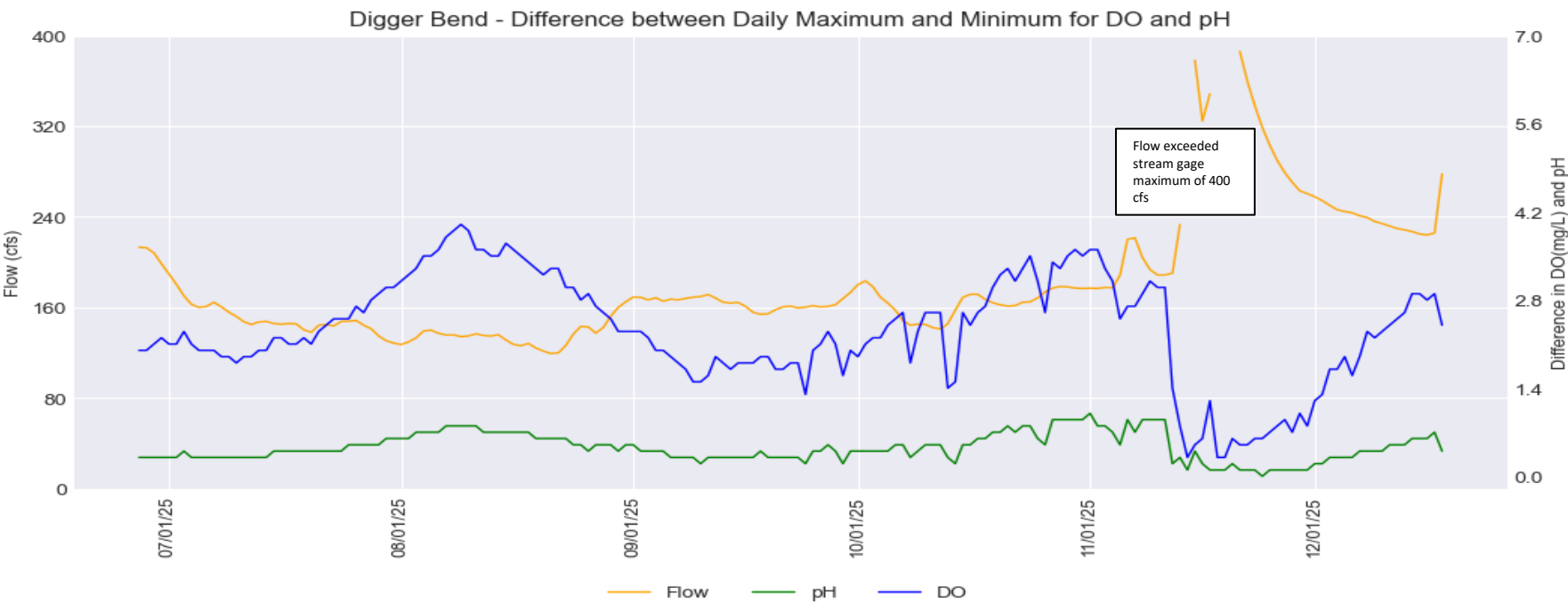
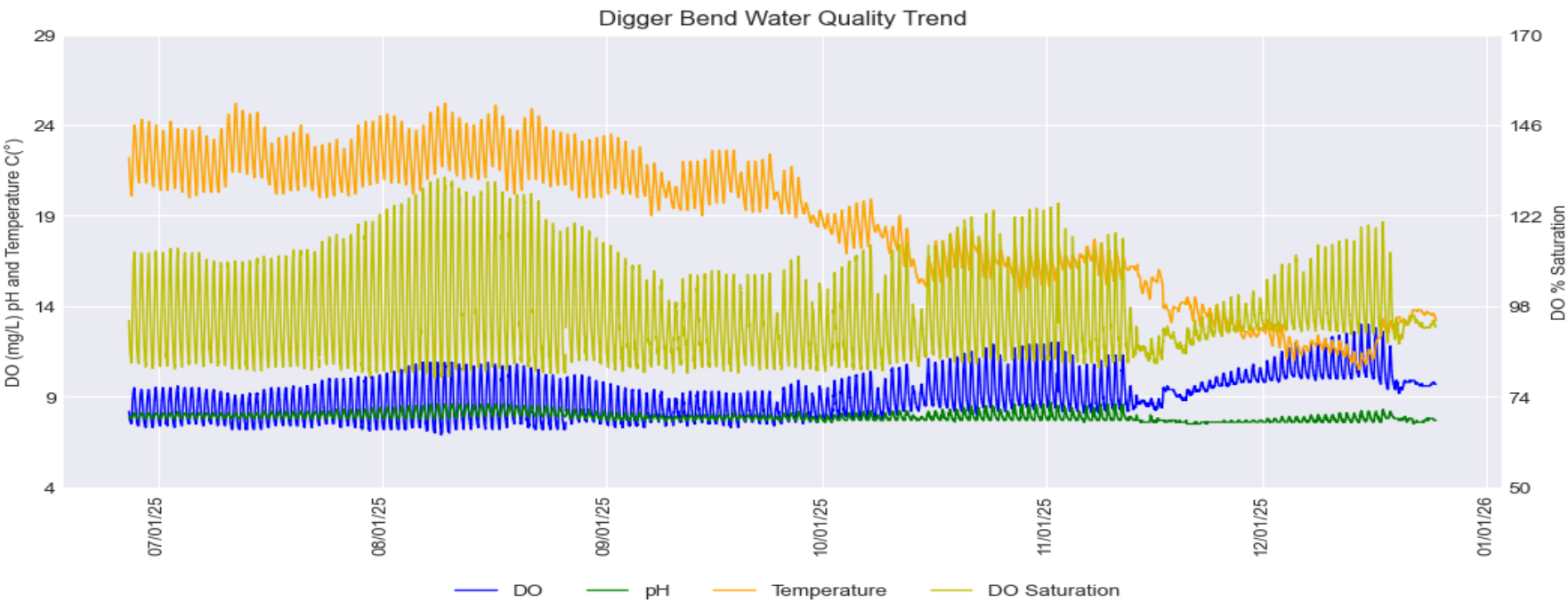
Calpella



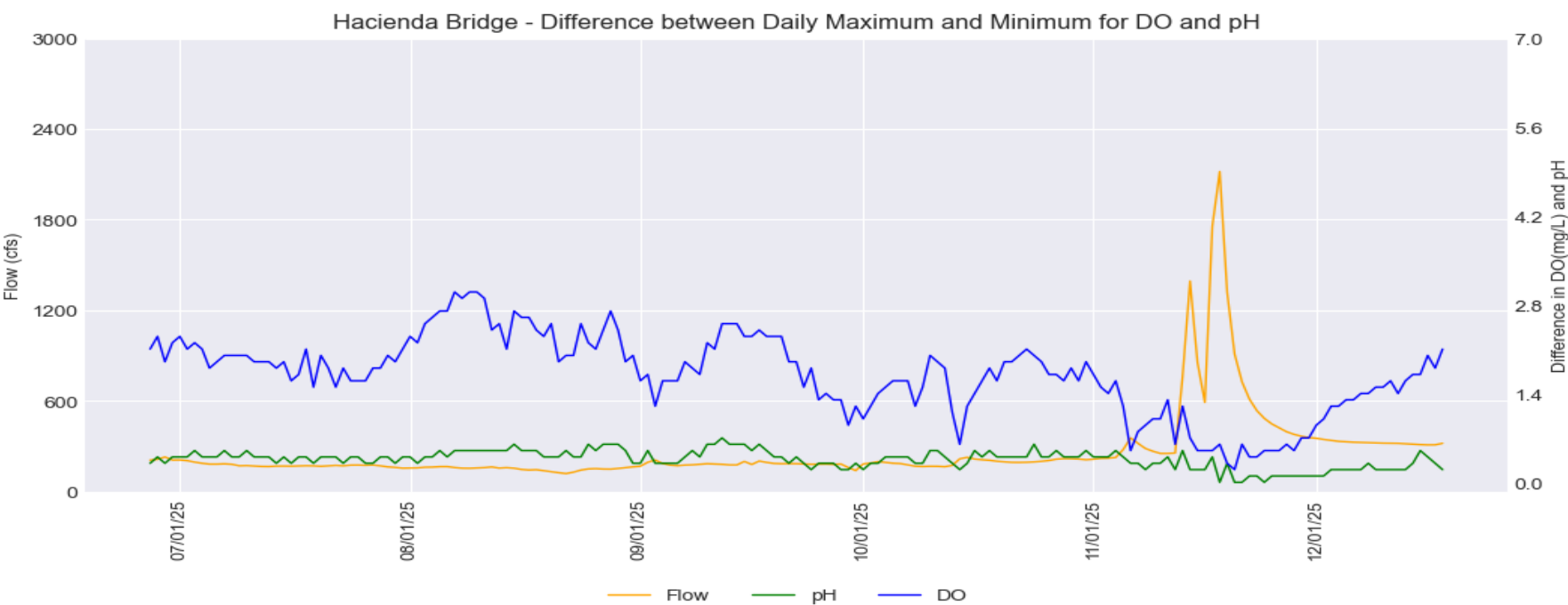
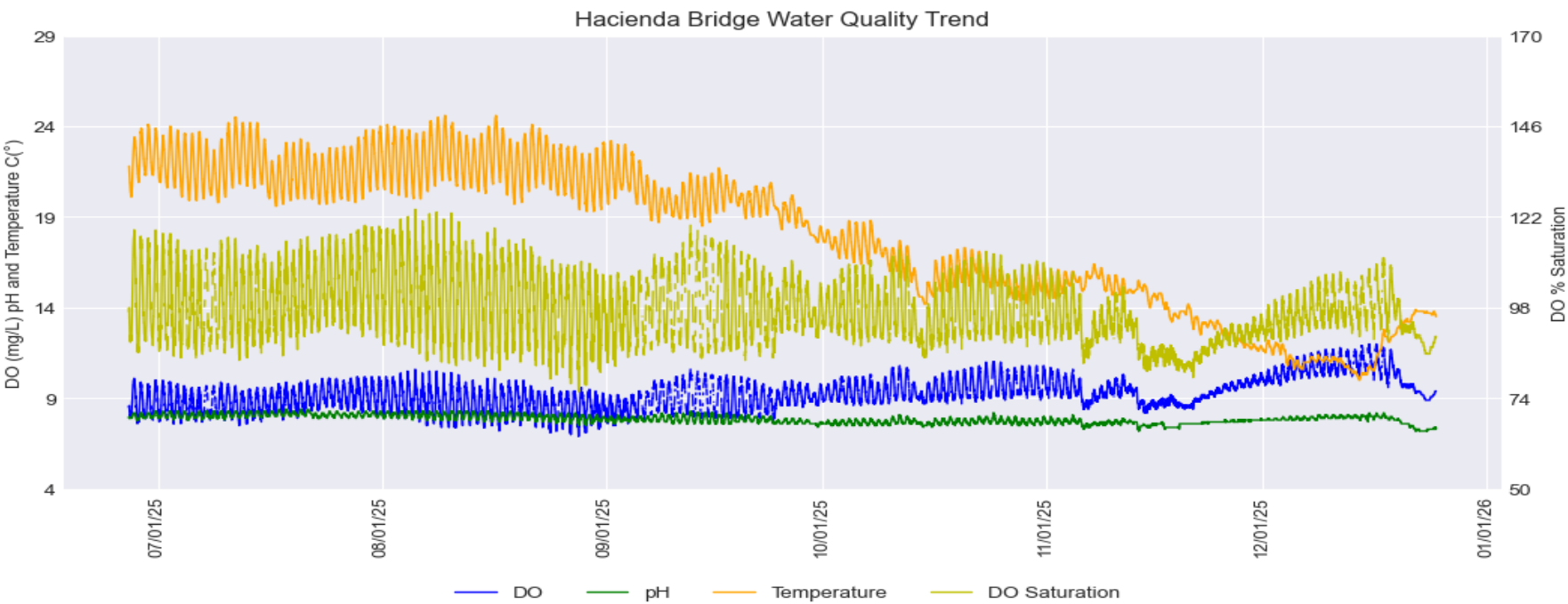
Hopland



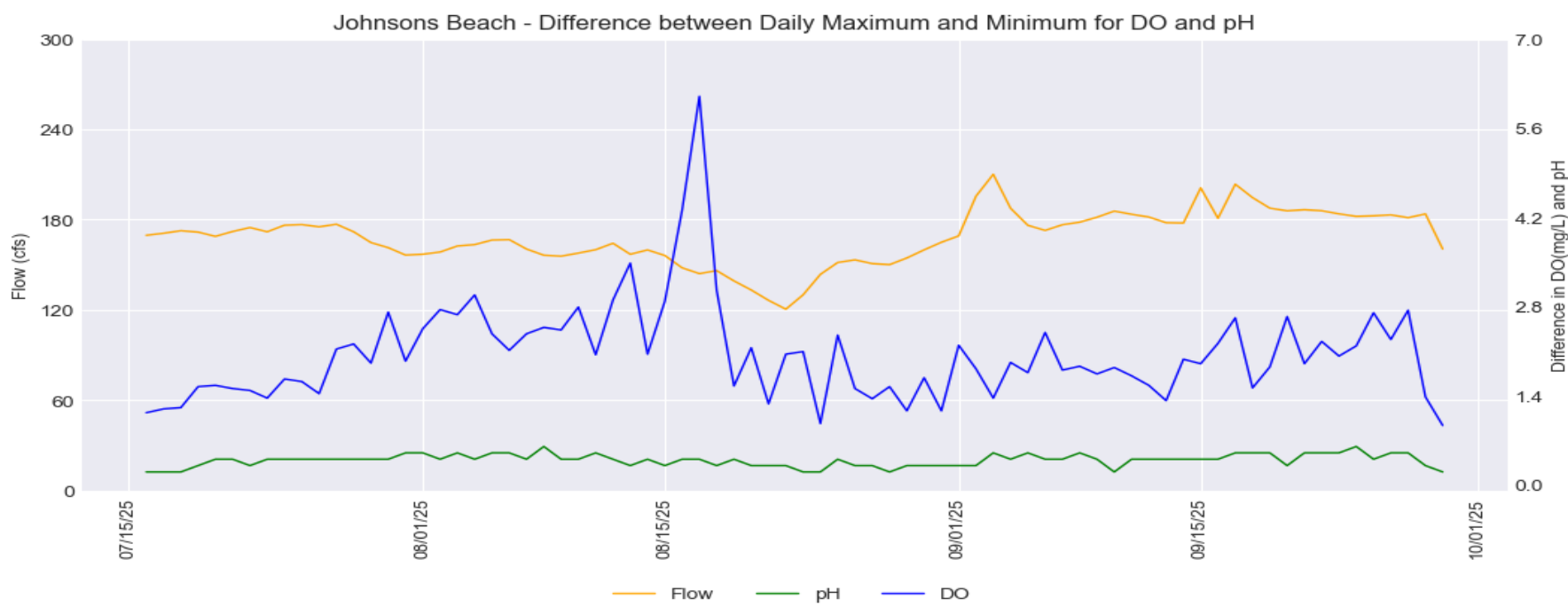
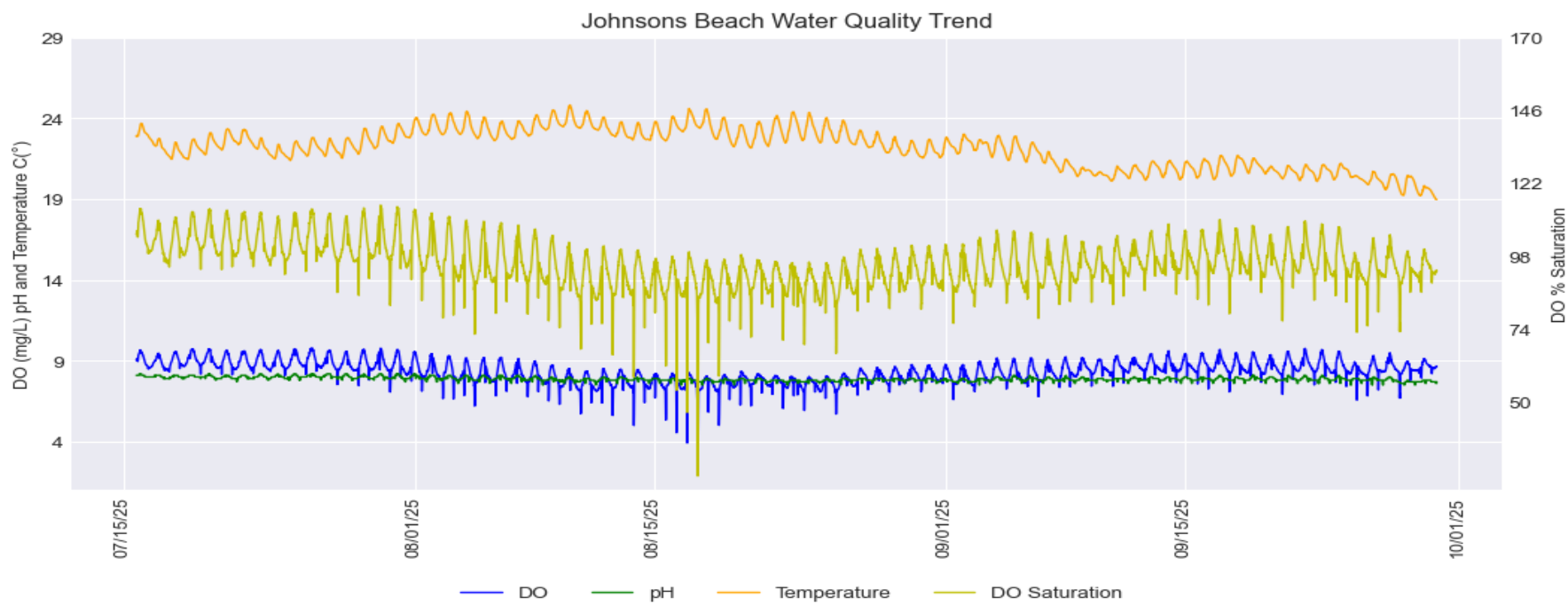
Russian River Water Quality June 27, 2025 – December 25, 2025
Provisional Data Subject to Revision
Digger Bend



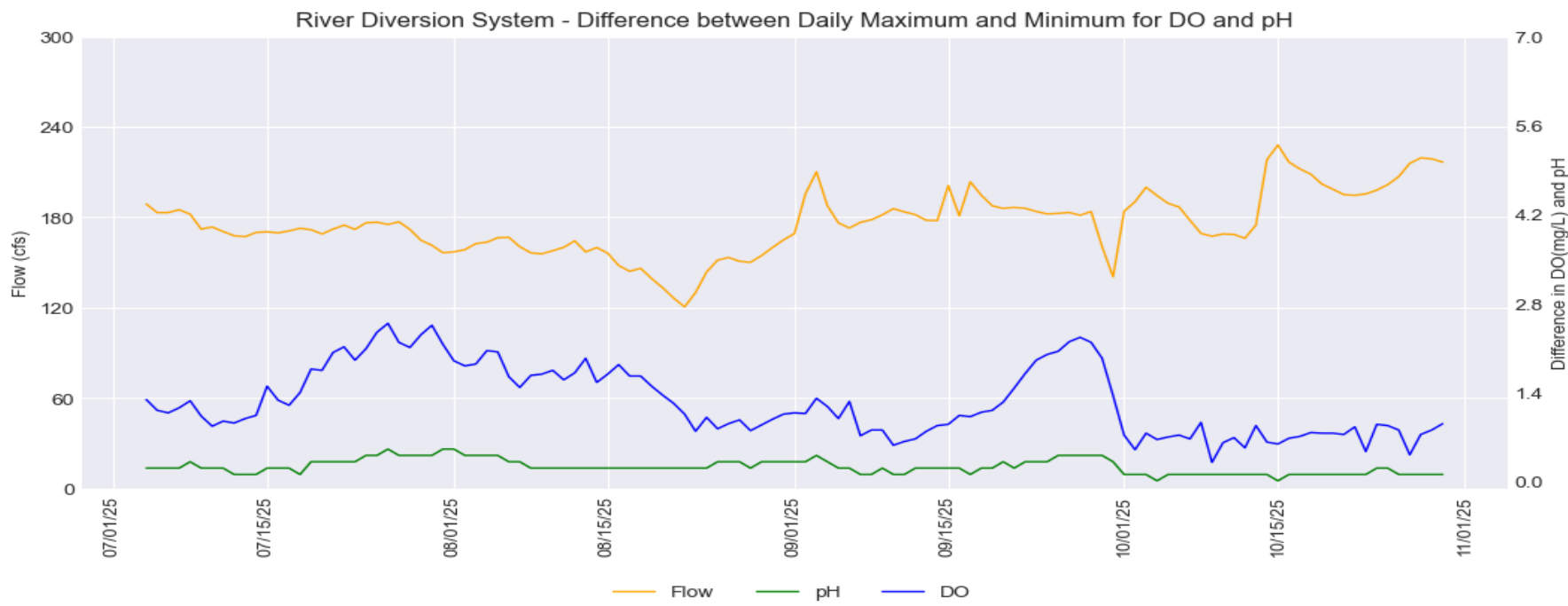
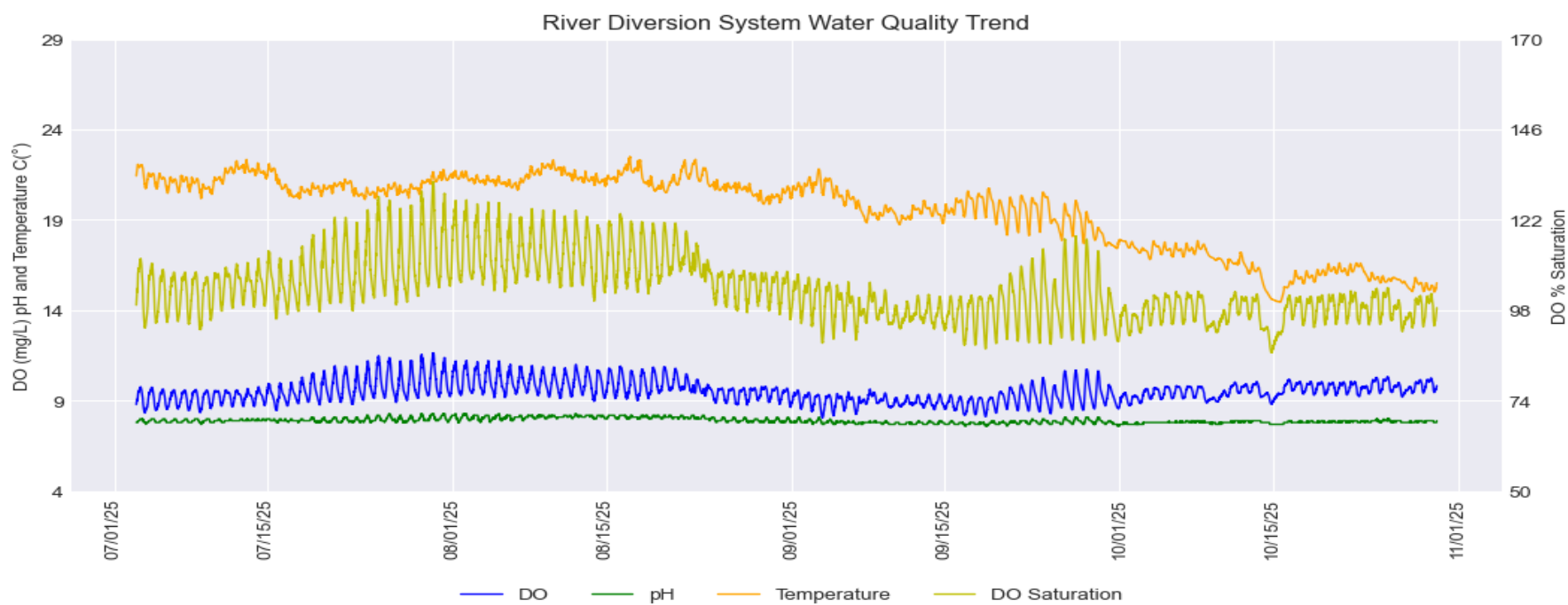
Hacienda Bridge



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

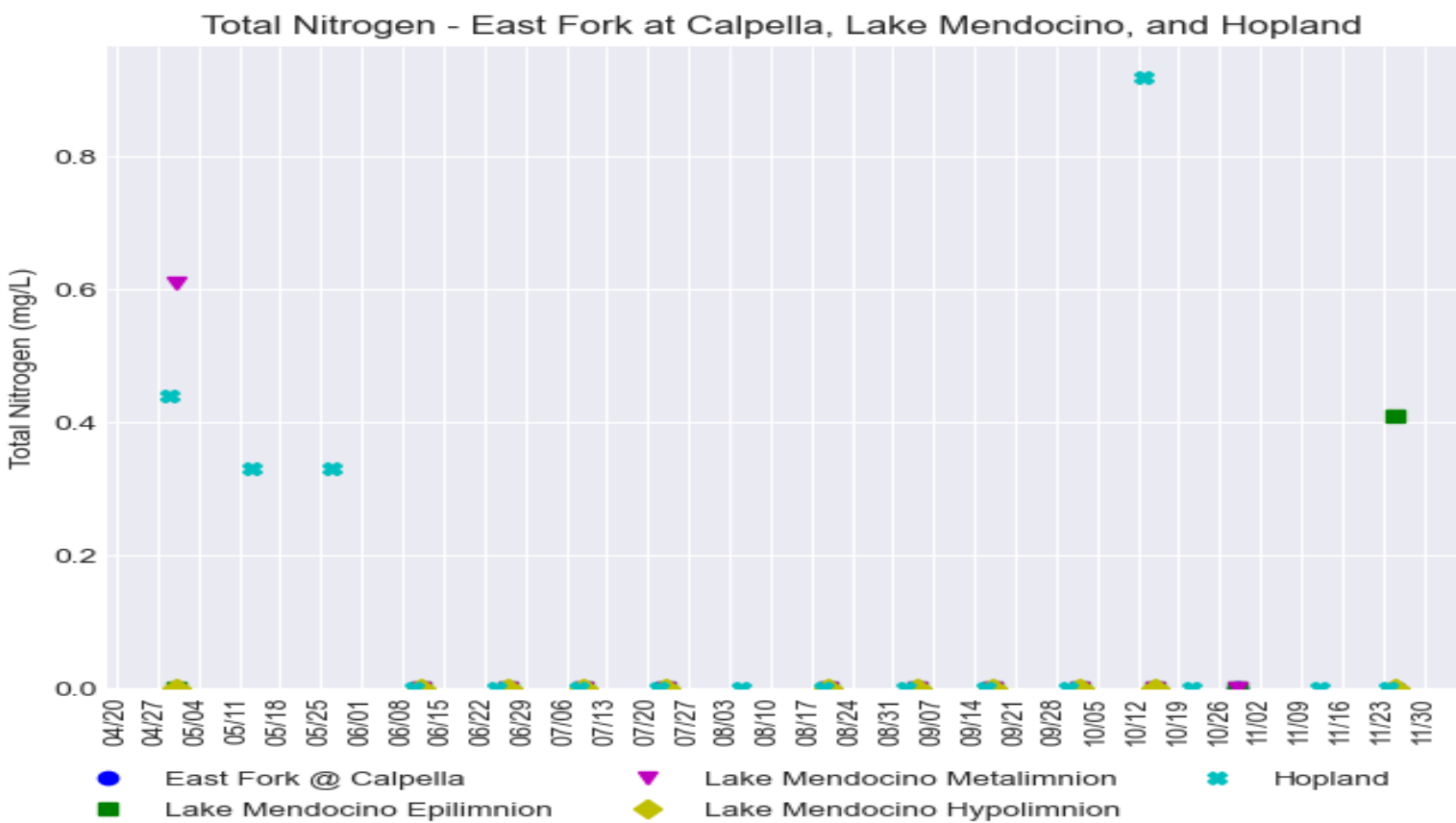
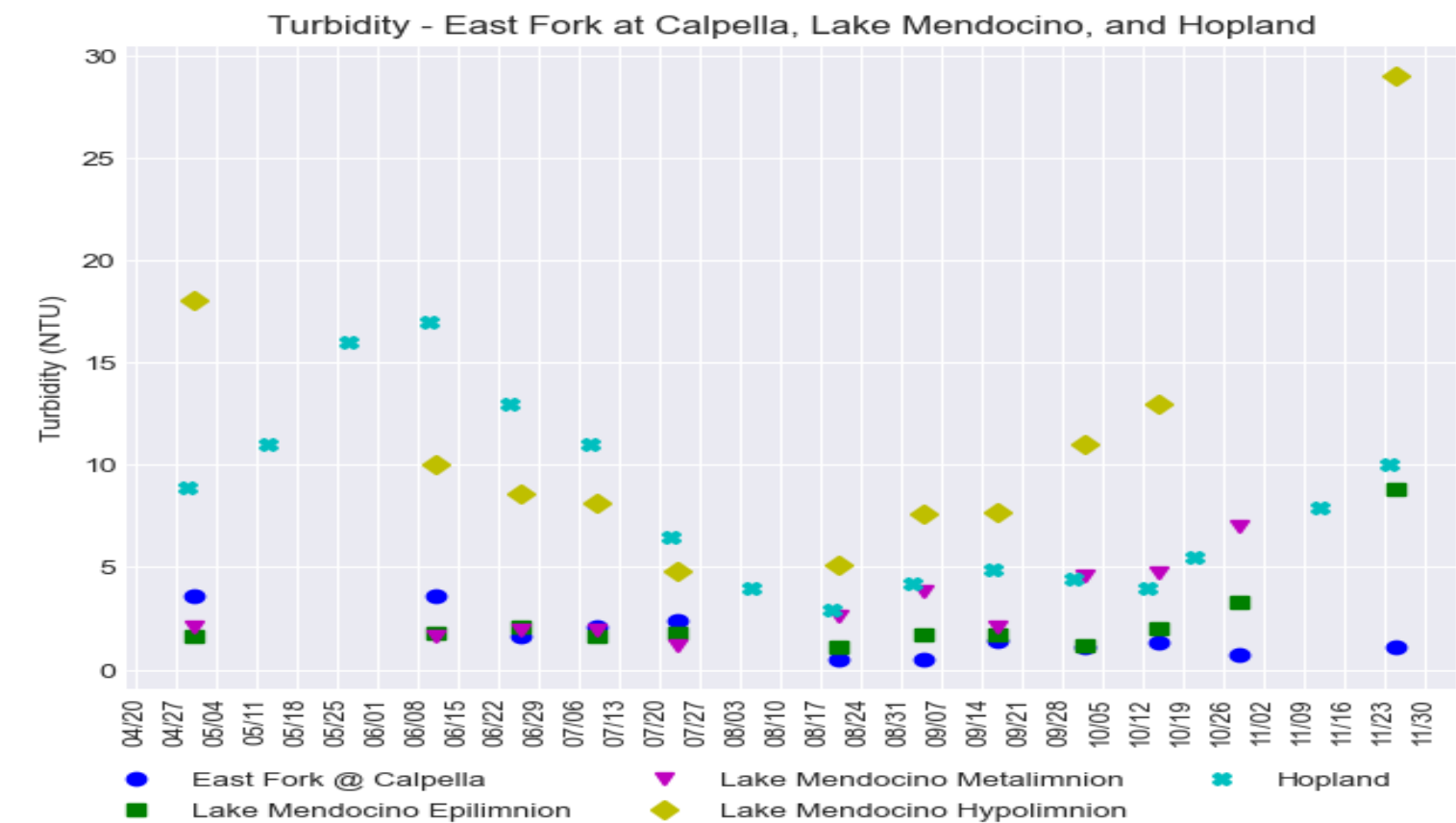
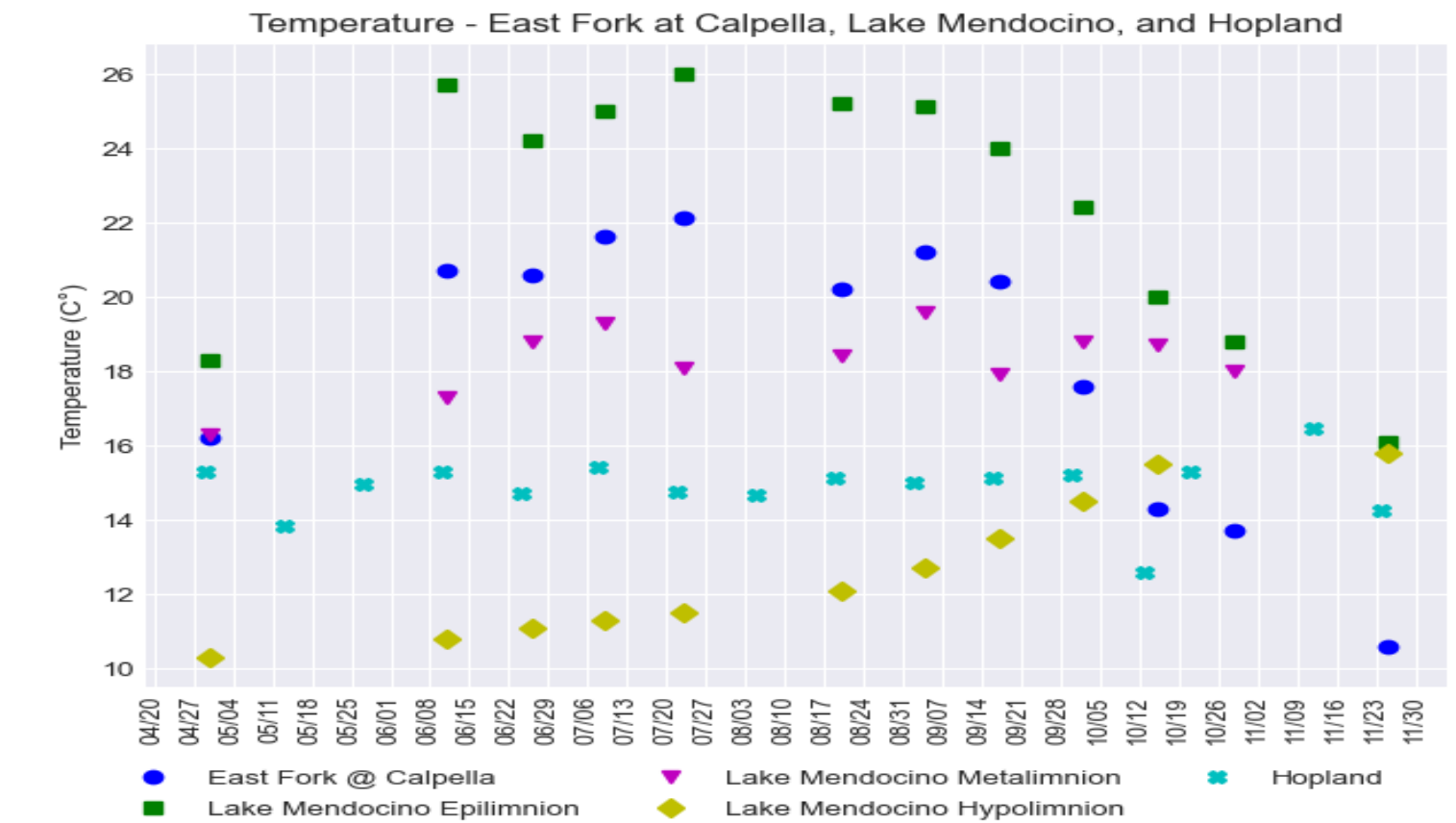


River Diversion System at Mirabel



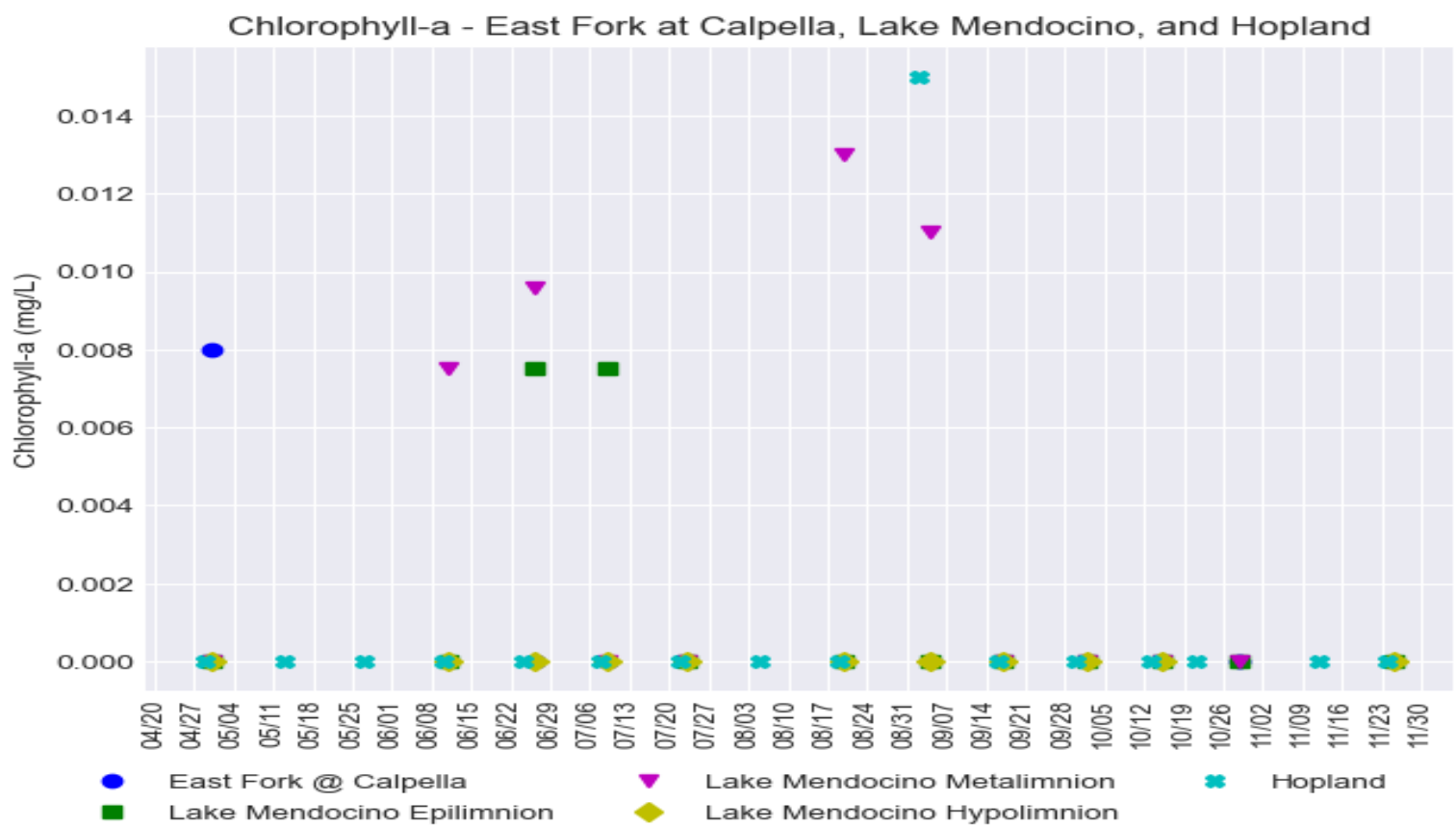
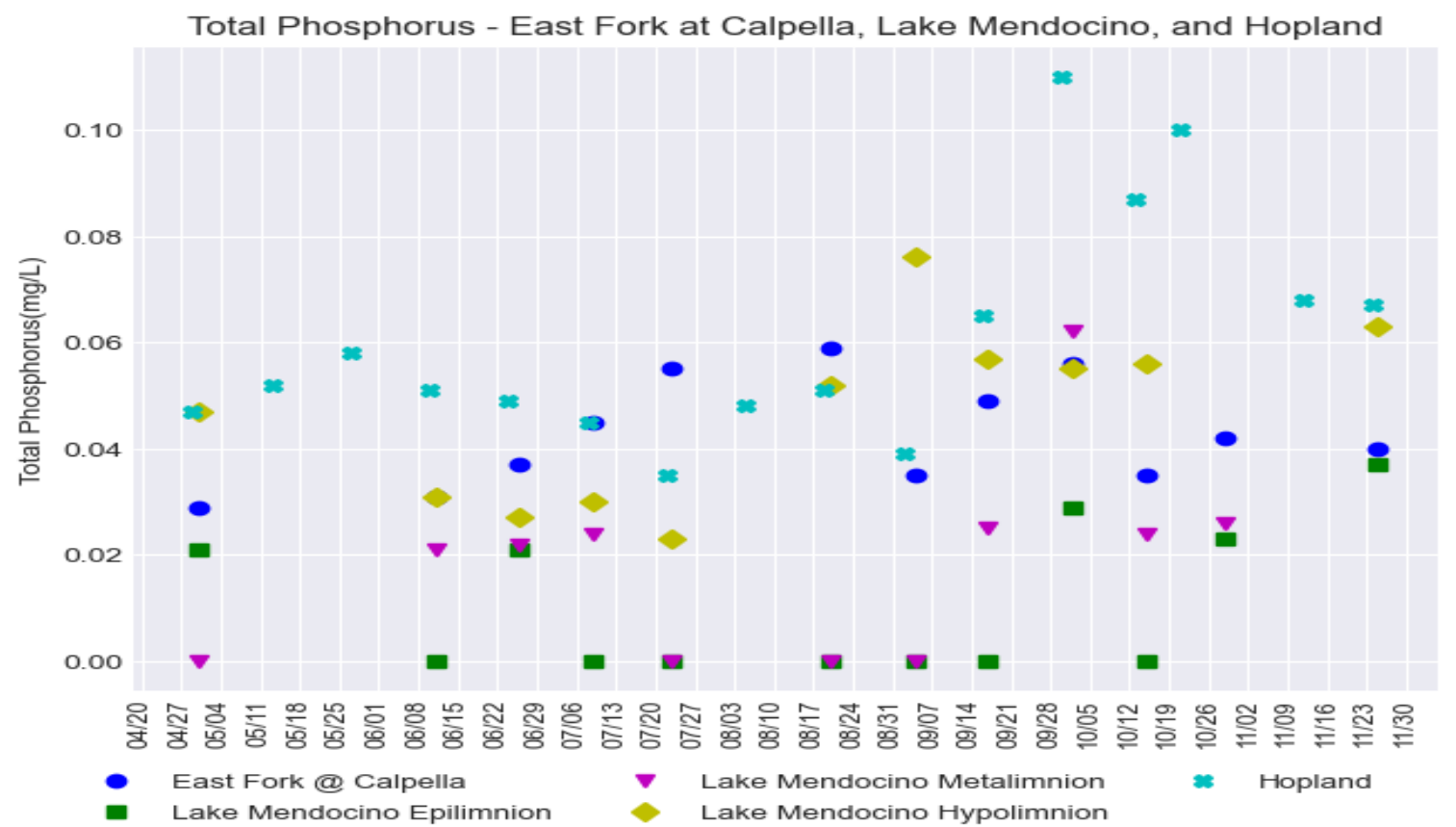
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision

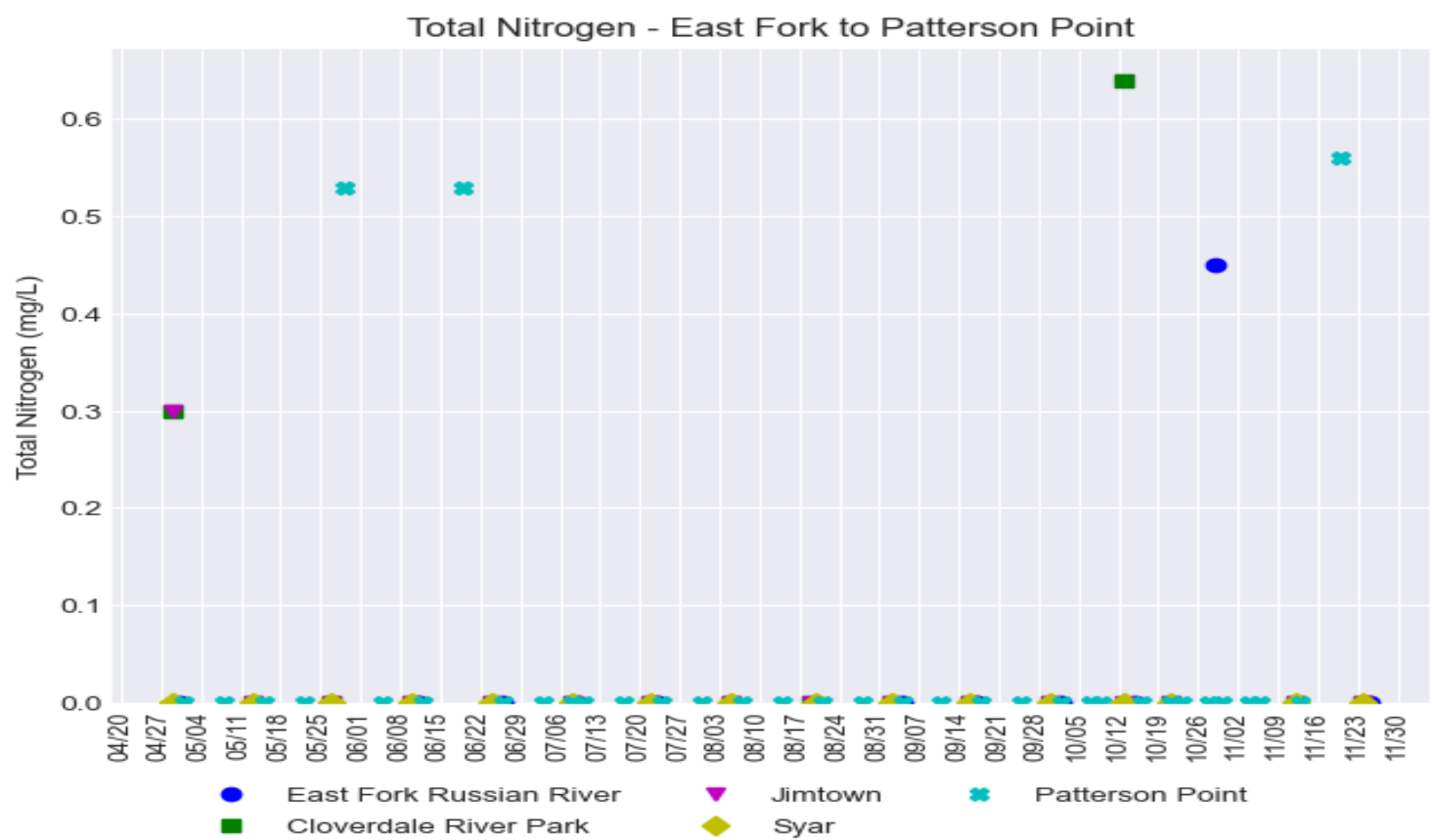
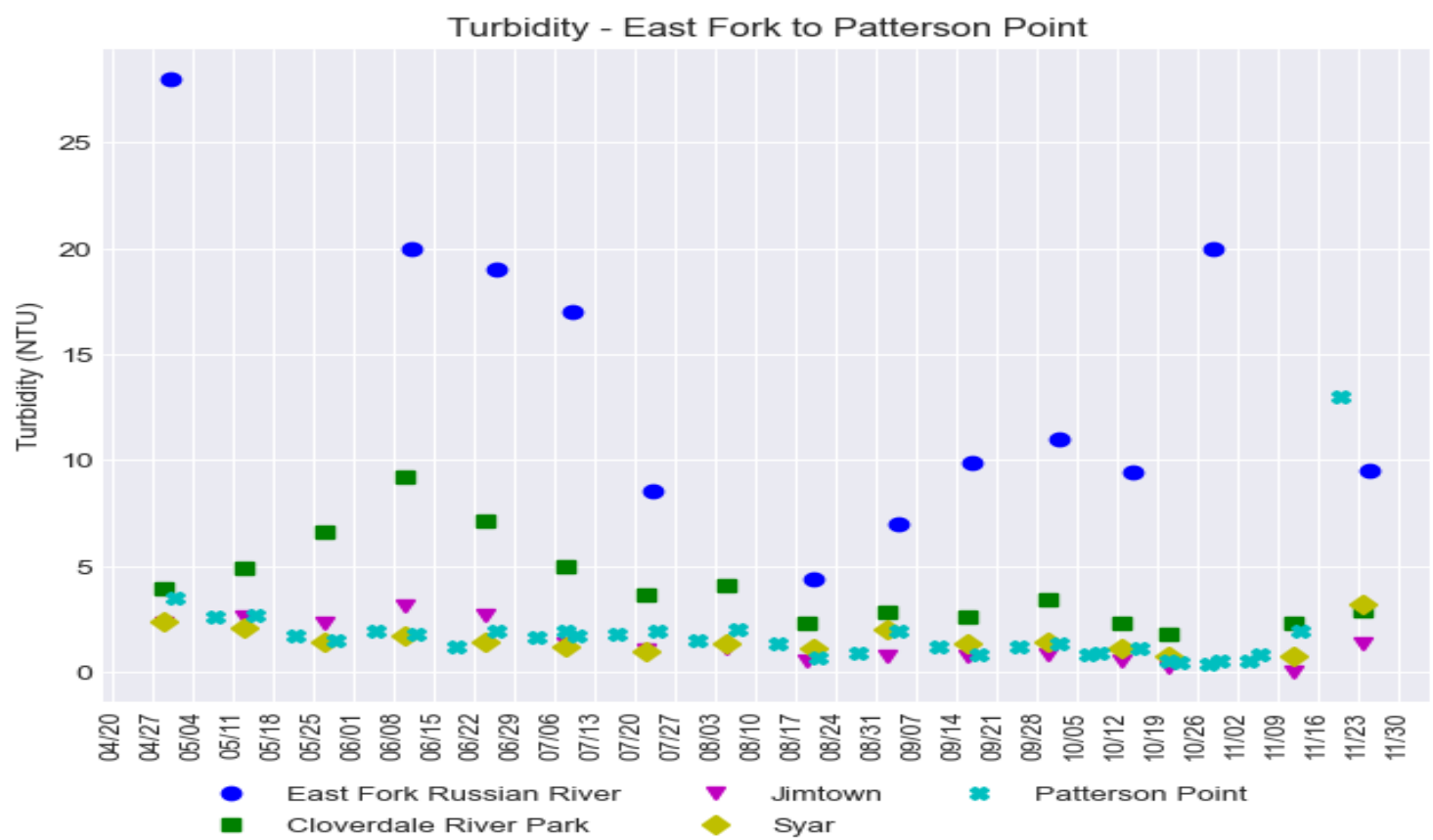
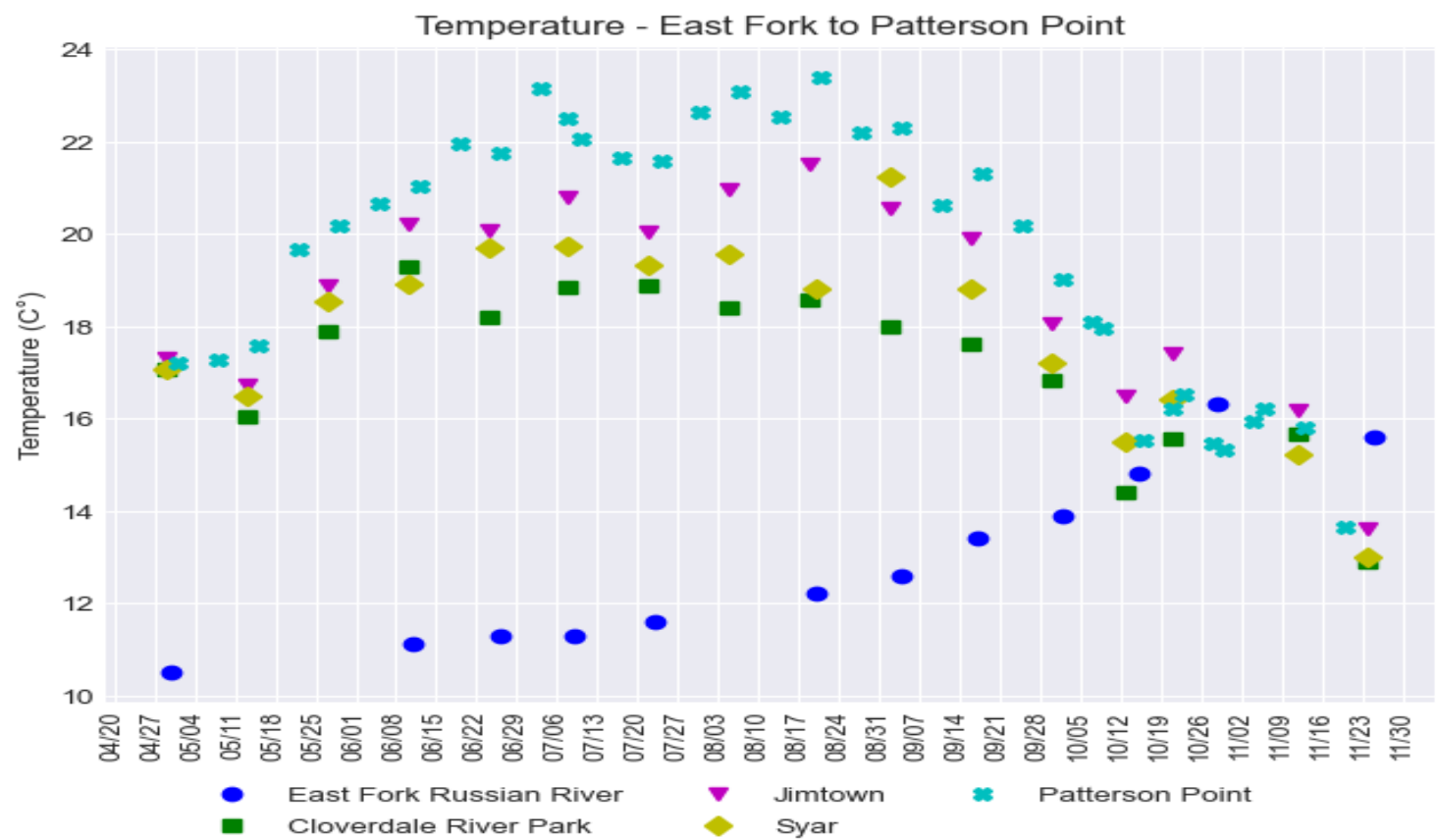


Russian River Water Quality Grab Samples

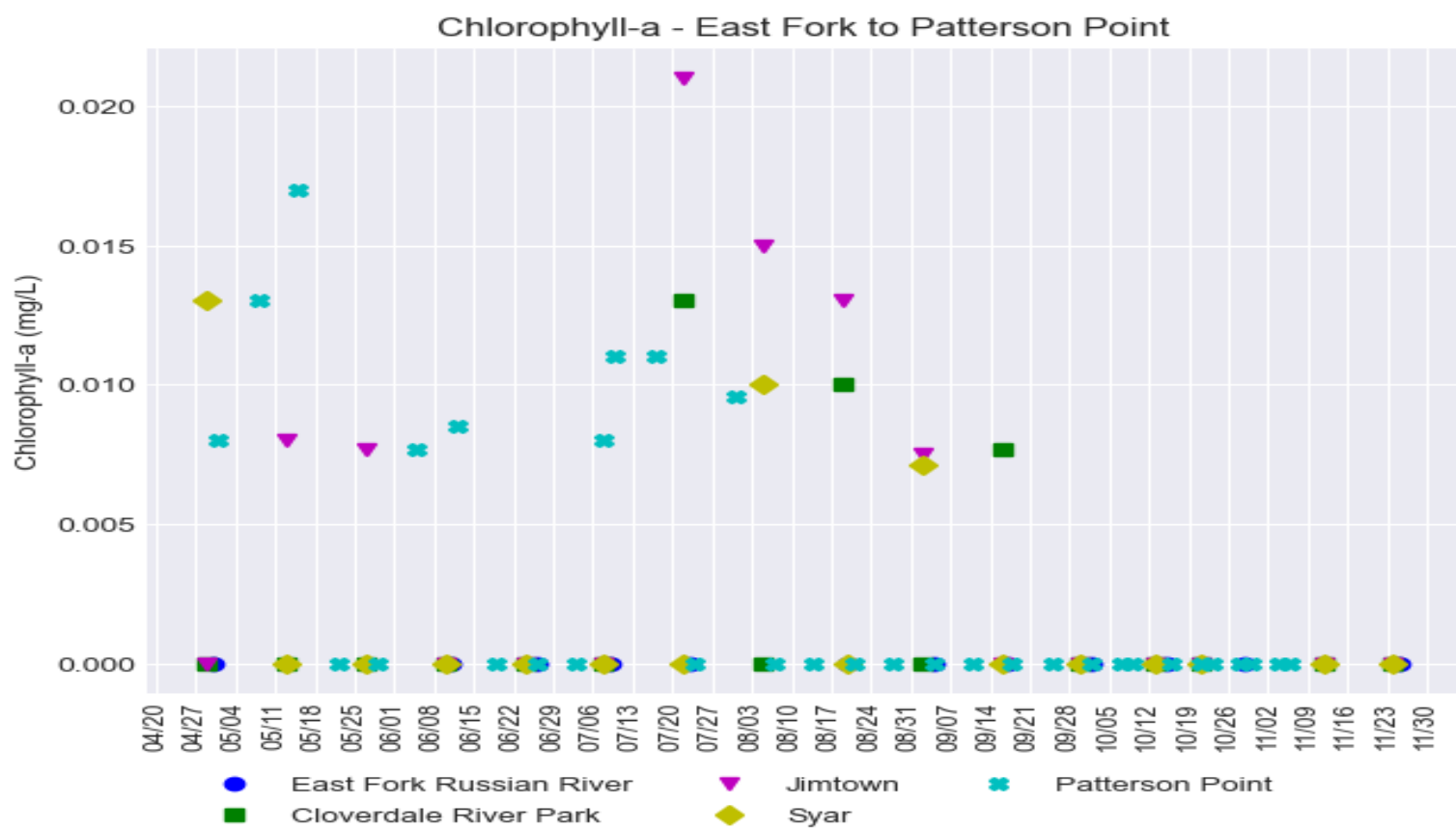
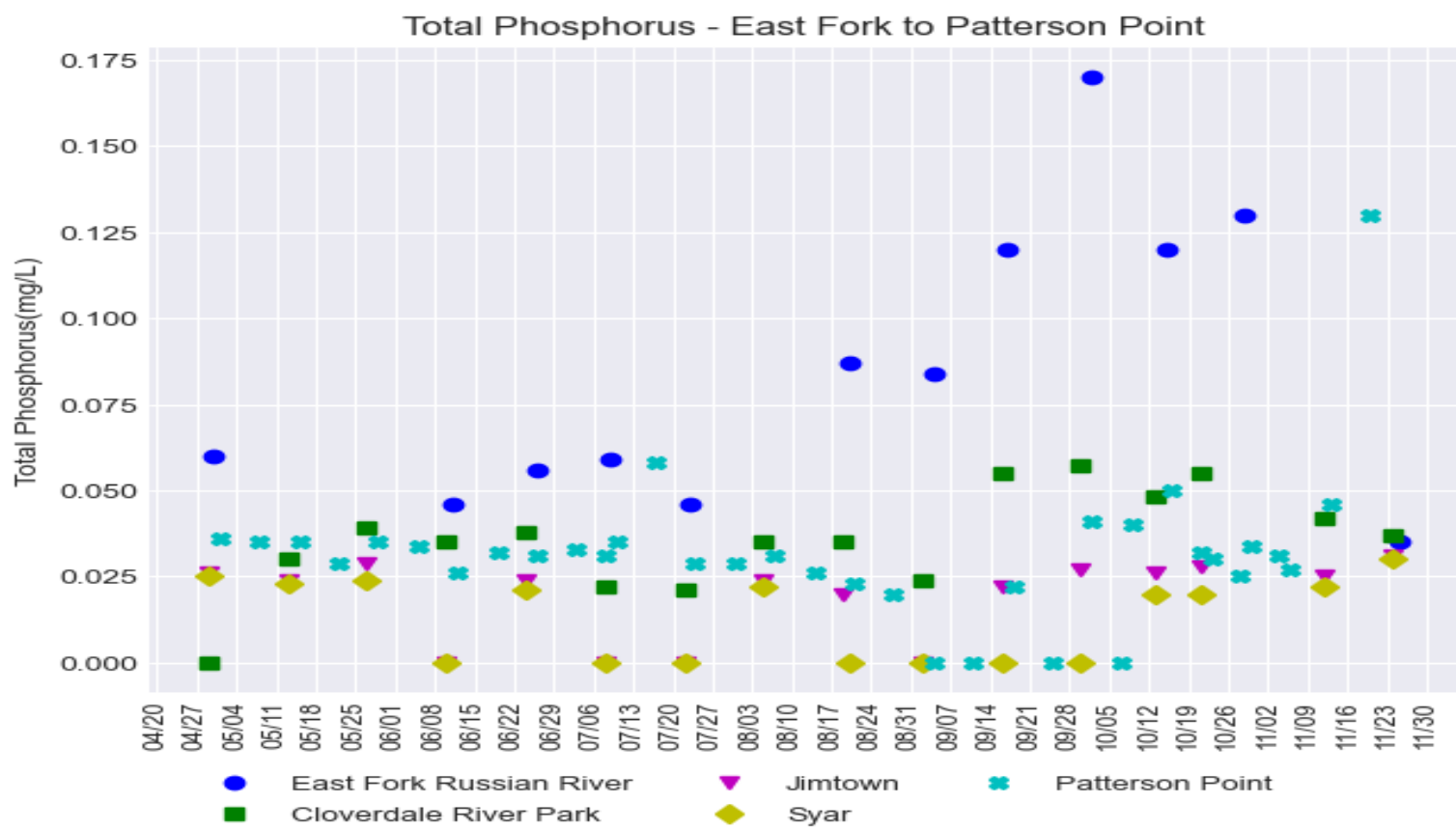
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples
Provisional Data Subject to Revision

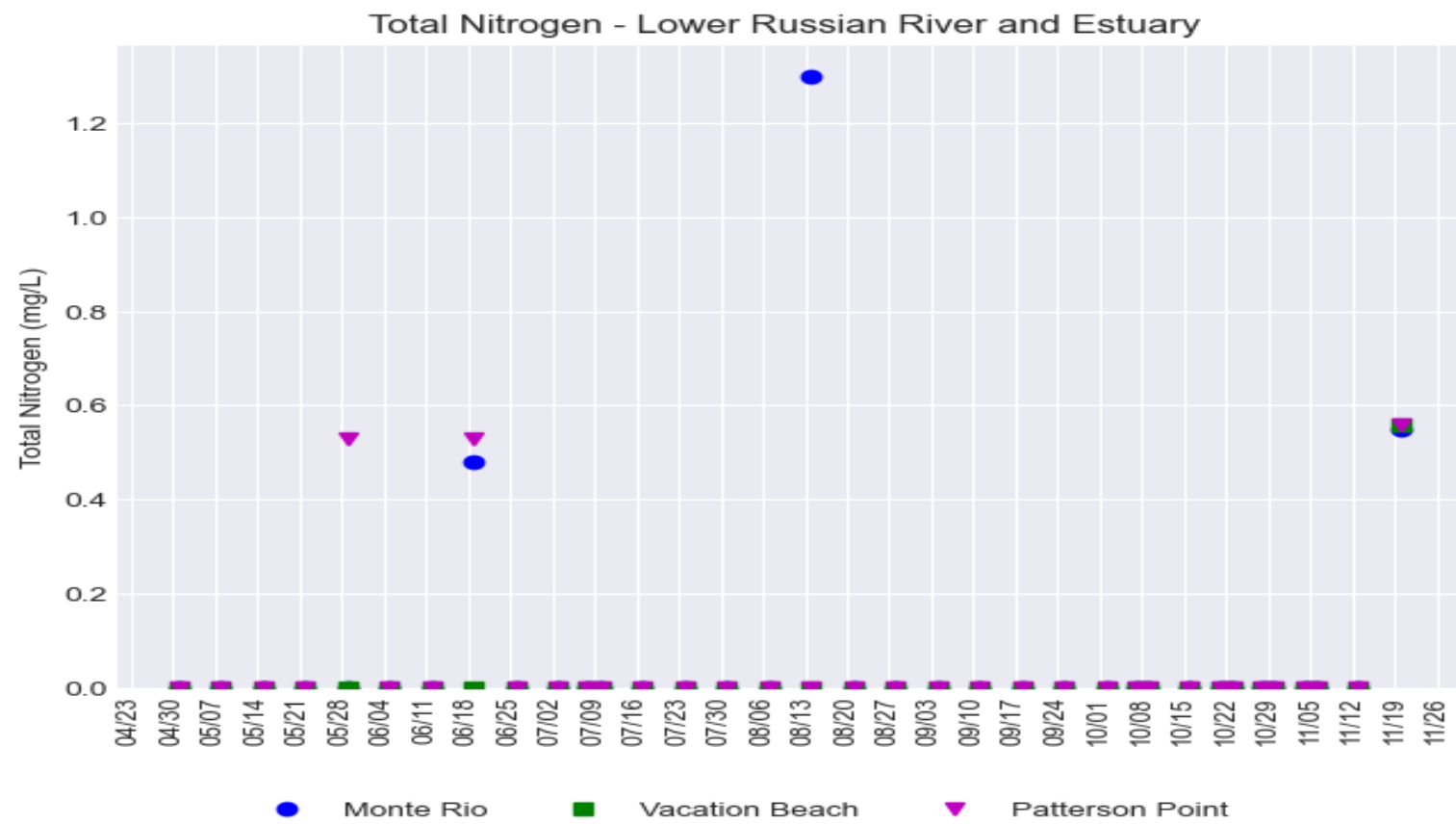
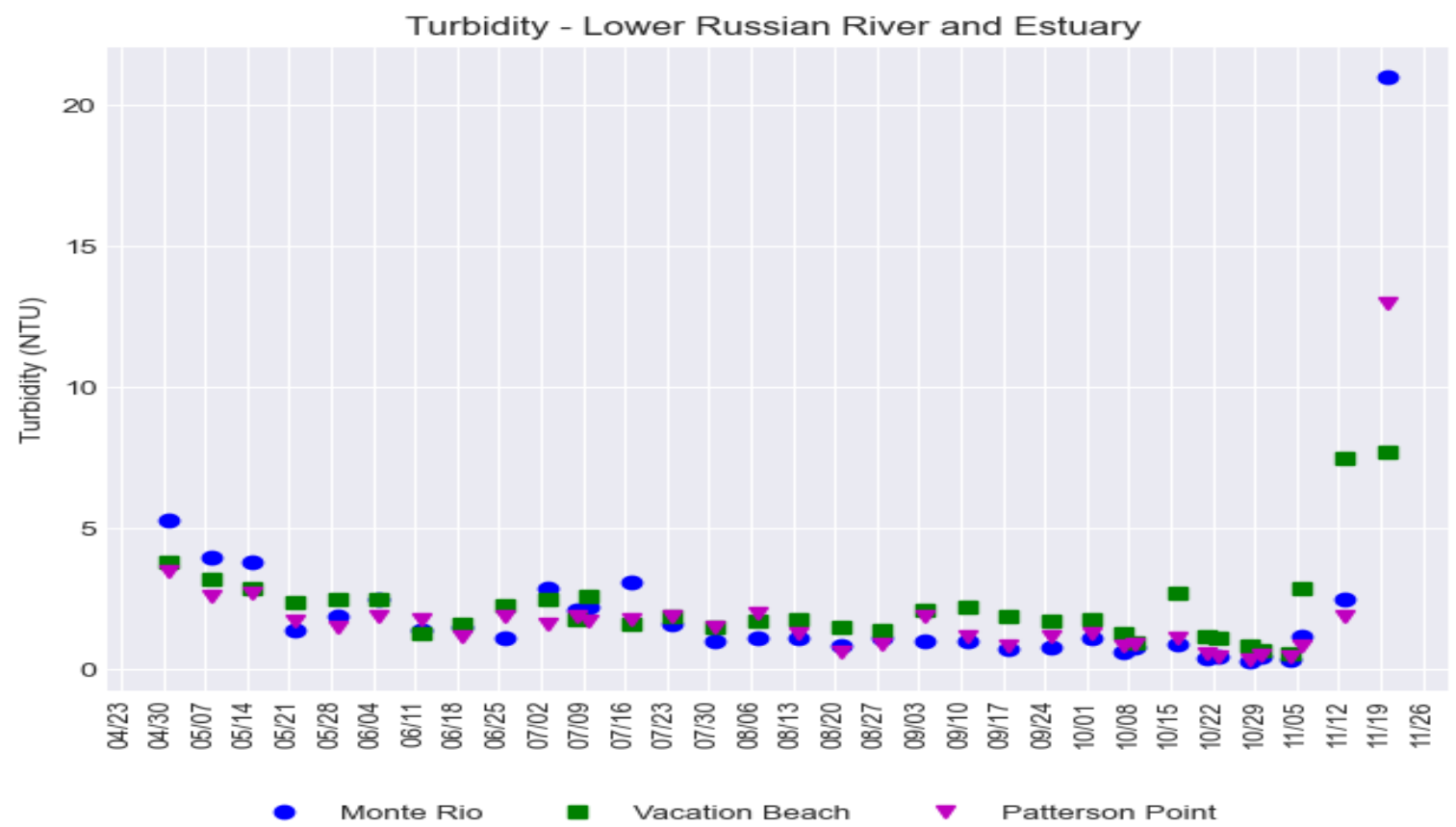
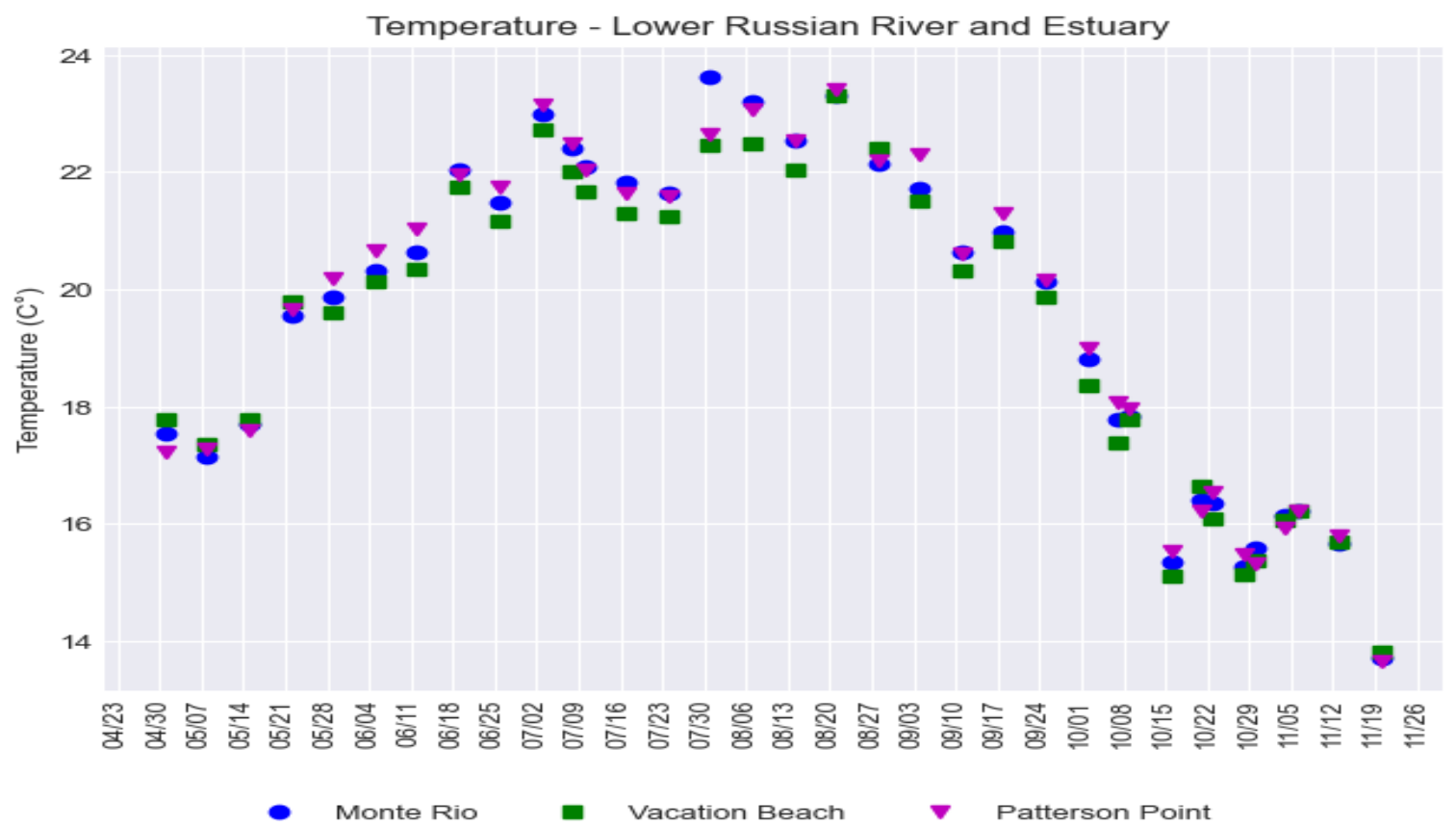


Russian River Water Quality Grab Samples
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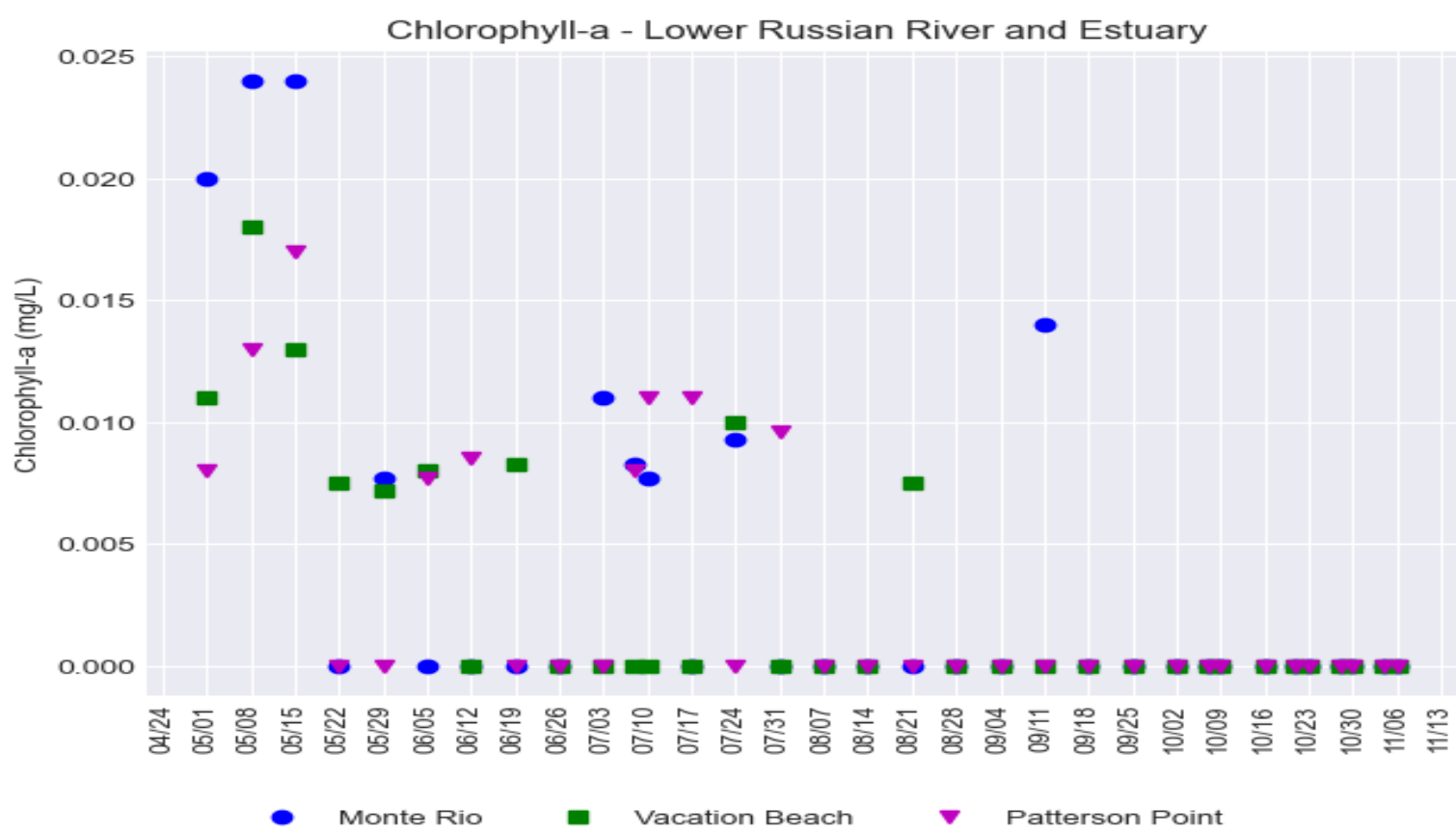
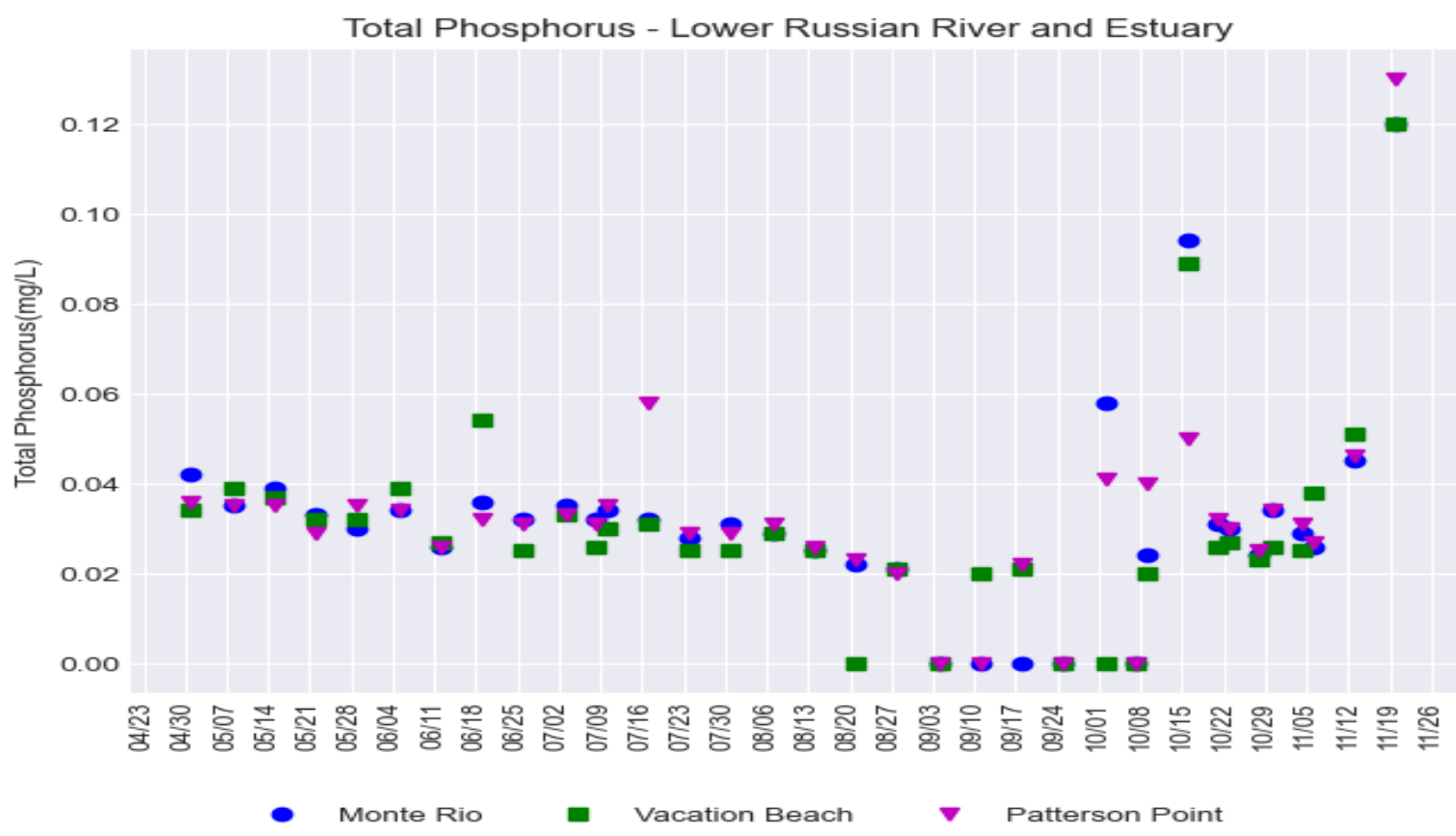


Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples (October 16 - November 20, 2025)
Provisional Data Subject to Revision

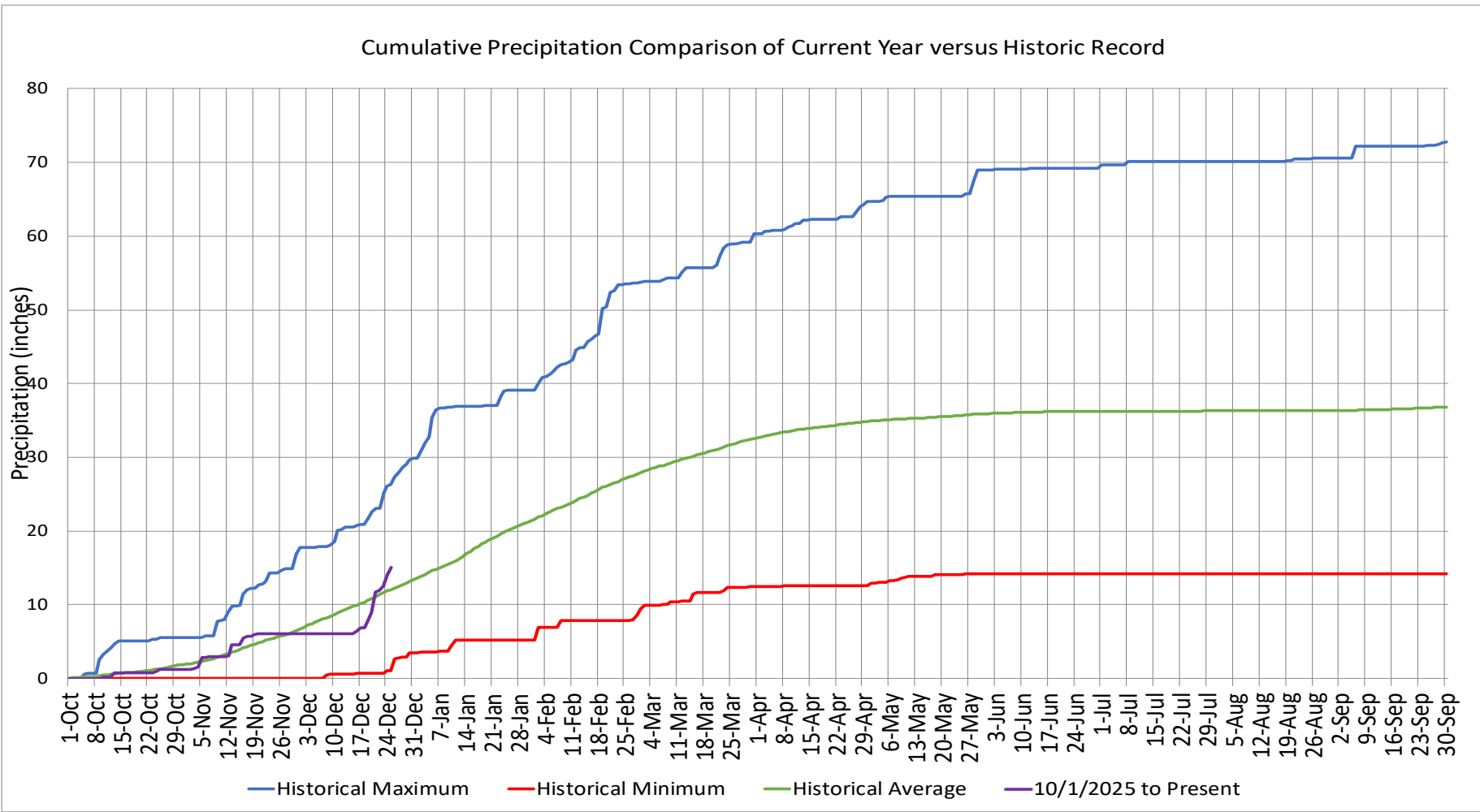
Russian River Estuary Standard Bacterial Indicators

Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	10/16/2025	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**
		11/20/2025	2723**	2382**	2909**
E. Coli MPN/100 mL	235	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
		11/20/2025	204.6	206.4	218.7
Enterococcus MPN/100 mL ****	61	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
		11/20/2025	240	248.1	209.8

*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

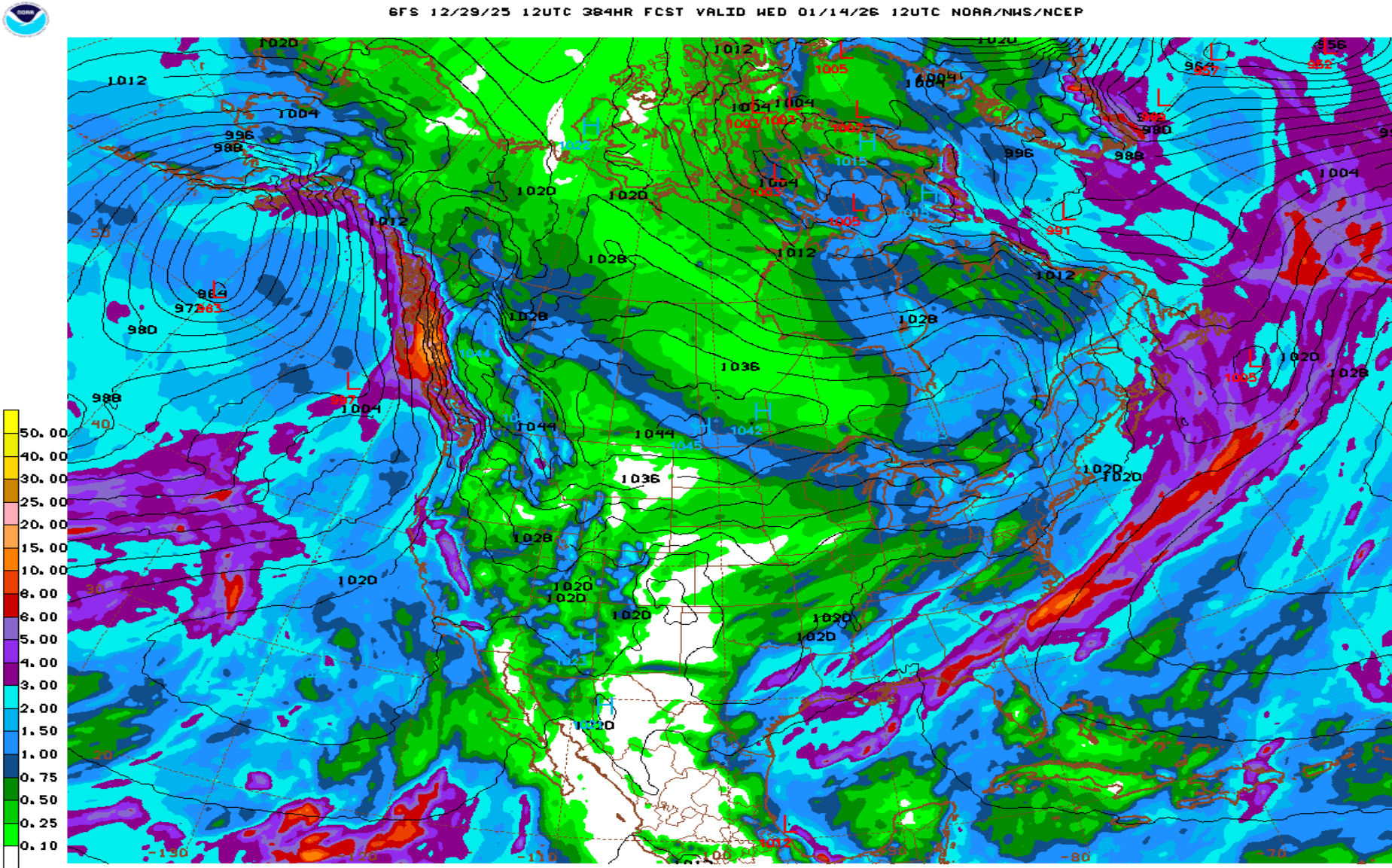
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2025 - Dec 25, 2025	15.76
Last 7 Days*	8.14



Global Forecast System Model 16-day Cumulative Precipitation Forecast

6FS 12/29/25 12UTC 384HR FCST VALID MED 01/14/26 12UTC NOAA/NWS/NCEP



6FS MED 260114/1200V384 EMSL (4MB), 384HR ACCUMULATED PRECIP (IN)	
Date Range	Forecasted Cumulative (inches)
Dec 29 - Jan 14, 2026	2.56