



Sonoma
Water

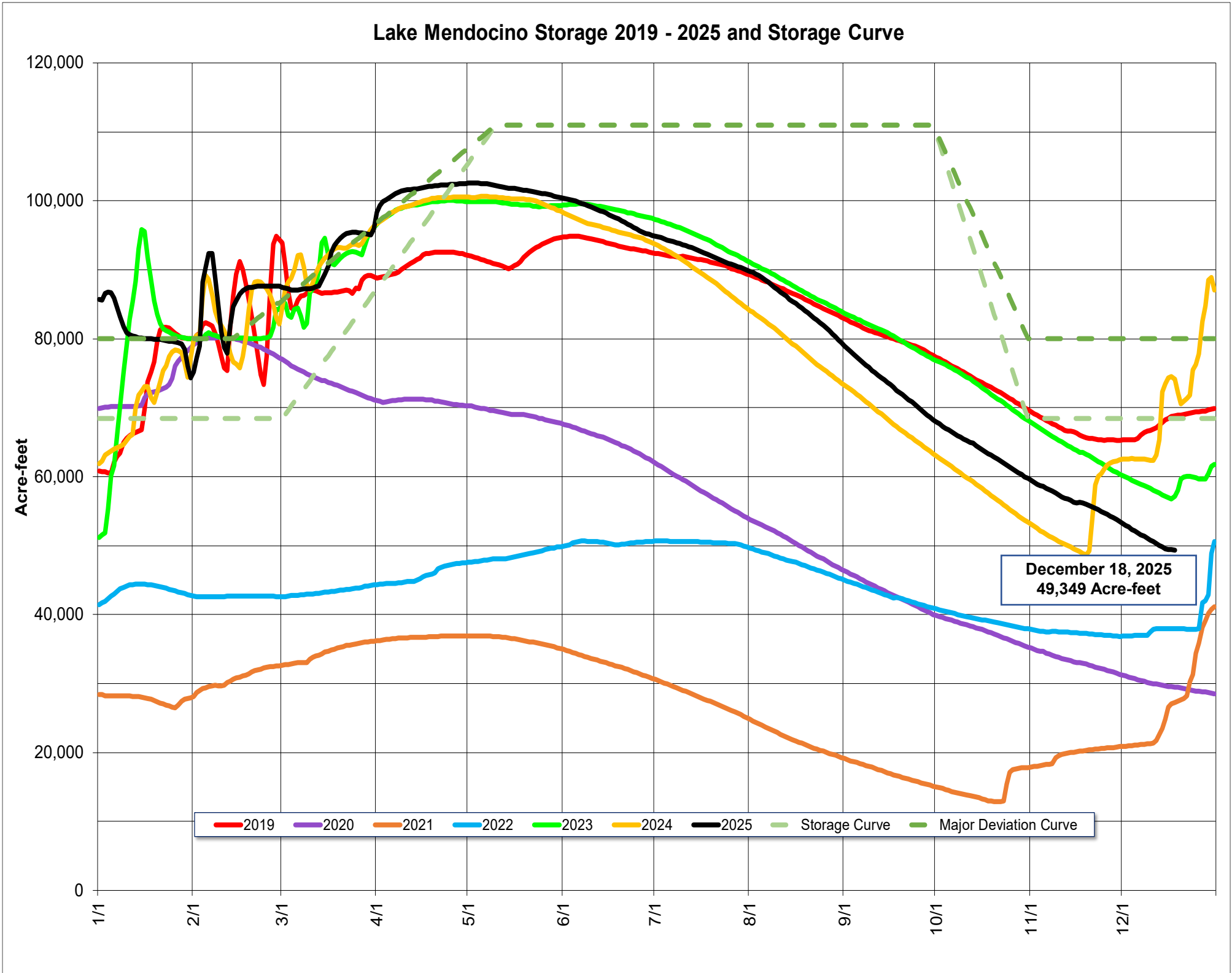
State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
December 12, 2025 - December 18, 2025

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 18, 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

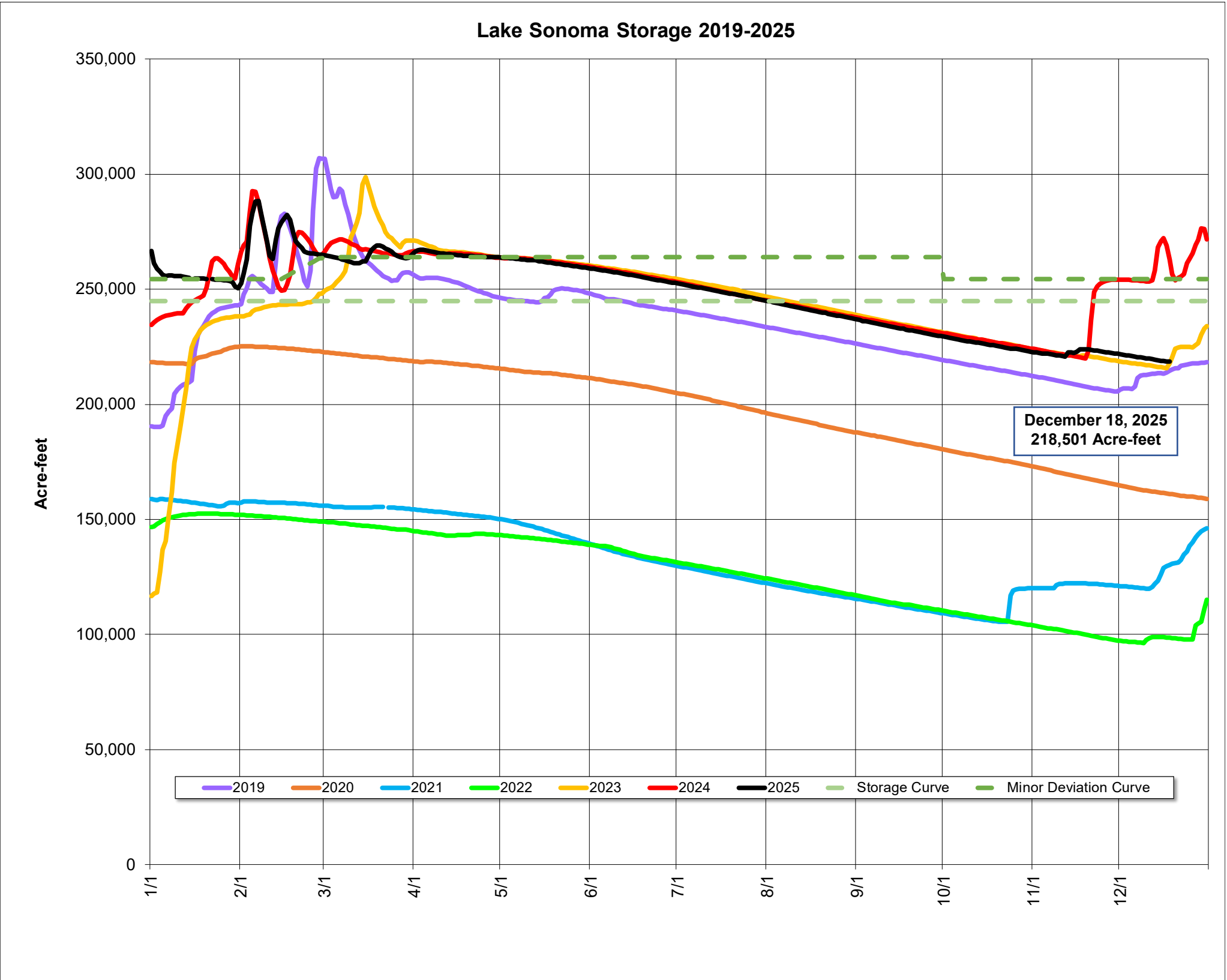


Storage (acre-feet)	December 18, 2025	49,349	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,846	-228
	Last 7 days	-961	-137
Daily Inflow (cfs)	Last 7 days	Min	16
		Max	158
		Mean	61
Release (cfs)	Last 7 days	Min	128
		Max	155
		Mean	146

Lake Sonoma



Todd Schram, February 10 , 2024



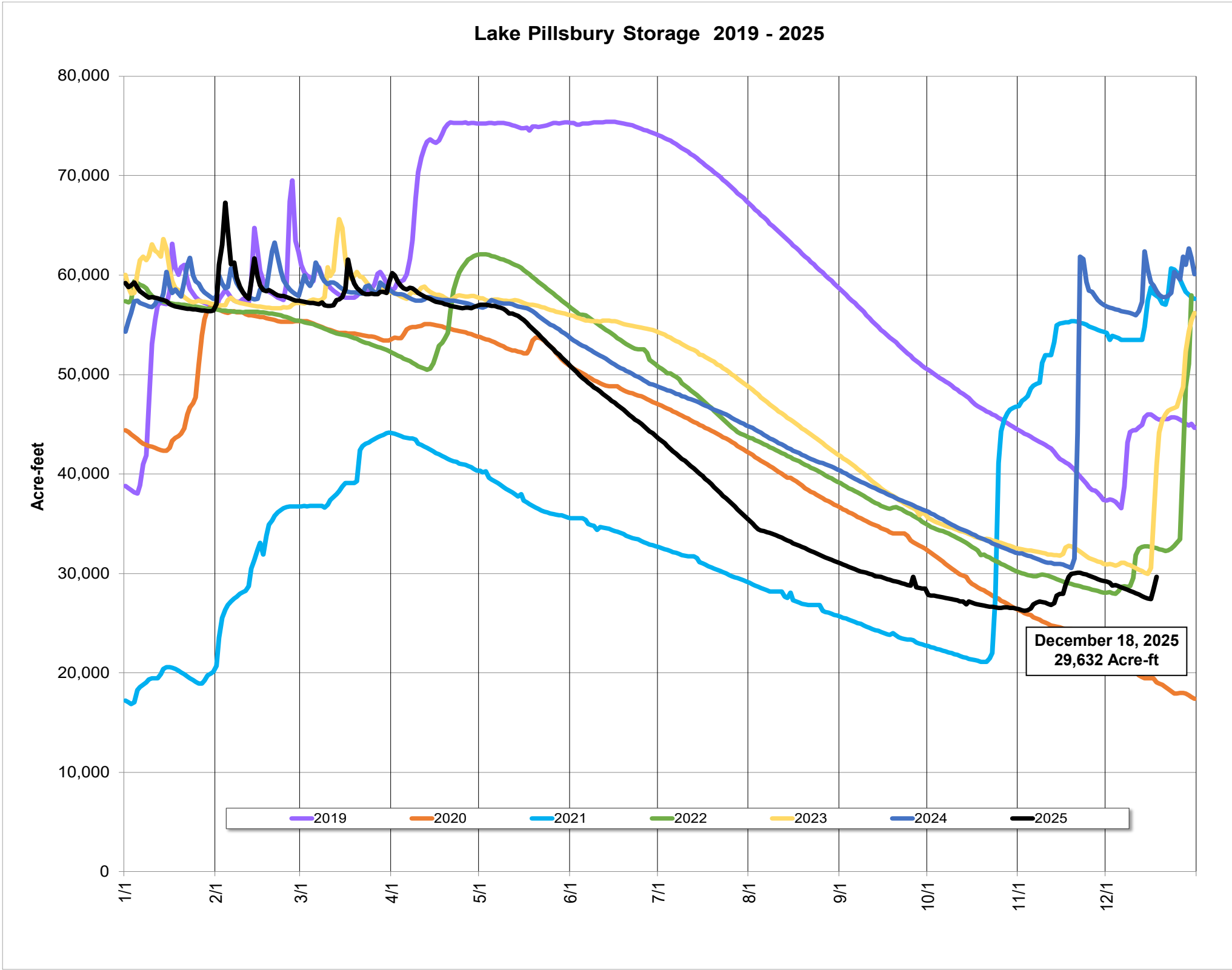
Storage (acre-feet)	December 18, 2025	218,501	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-5,467	-182
	Last 7 days	-1,101	-157
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	49
		Mean	20
Release (cfs)	Last 7 days	Min	108
		Max	111
		Mean	110

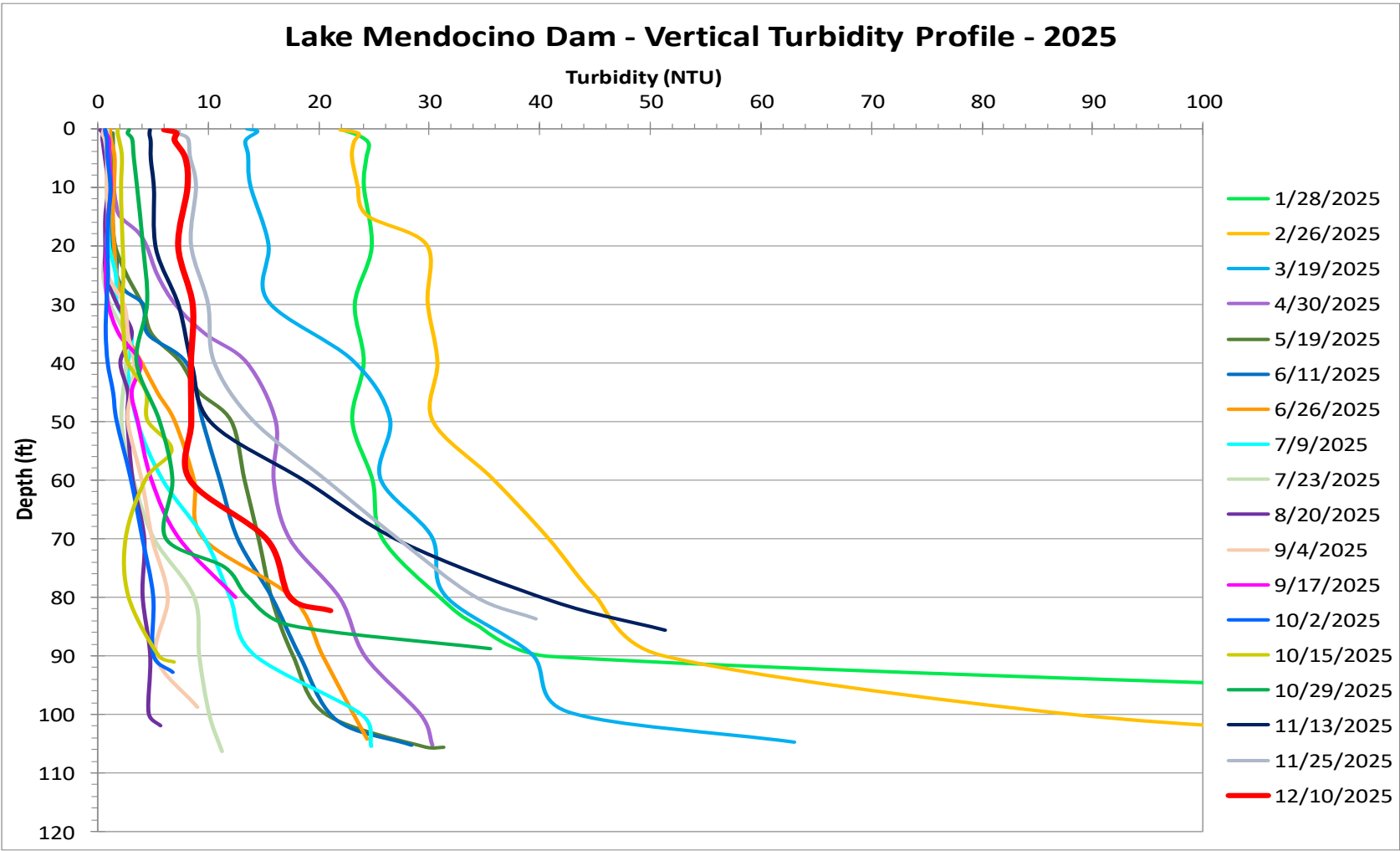
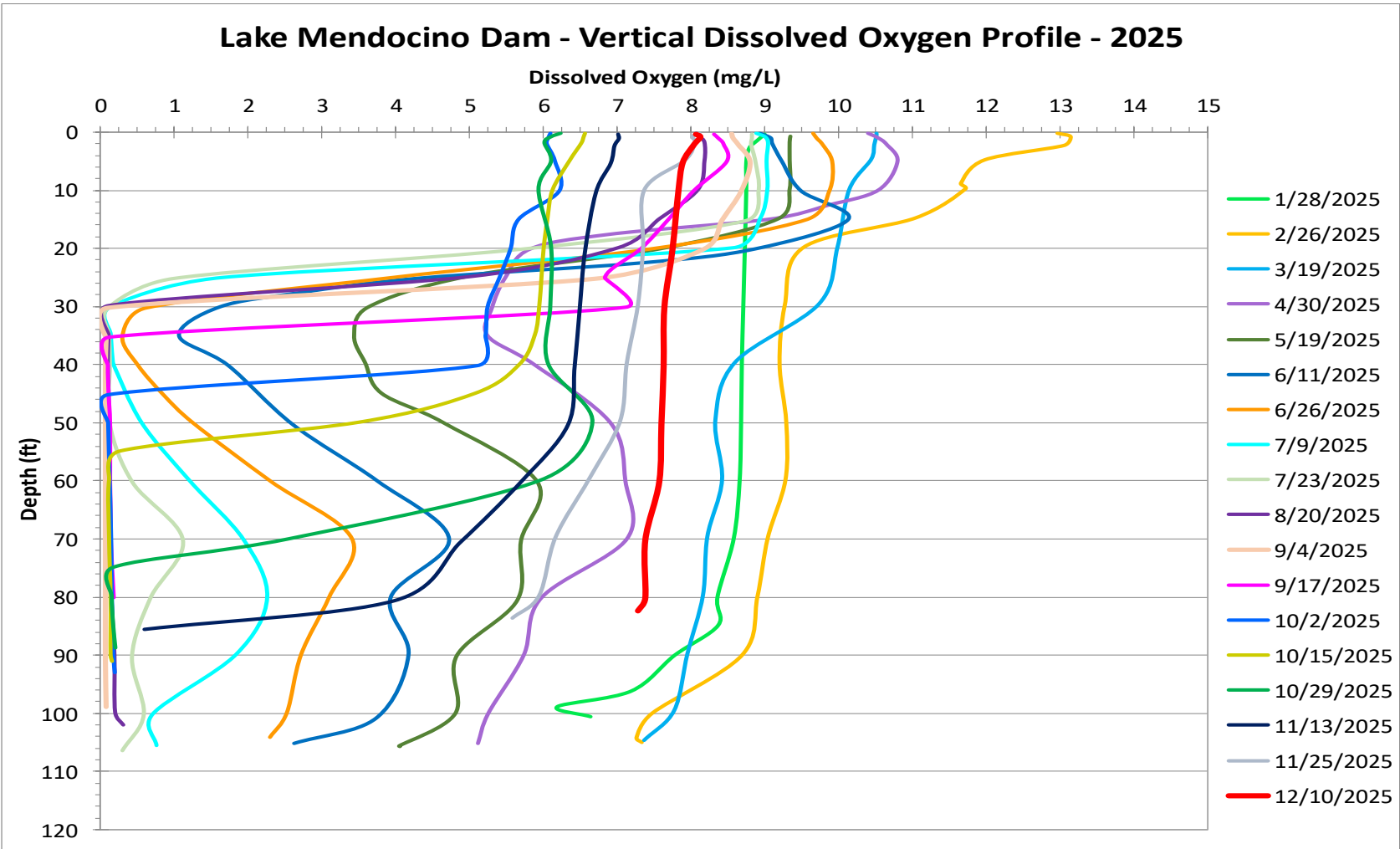
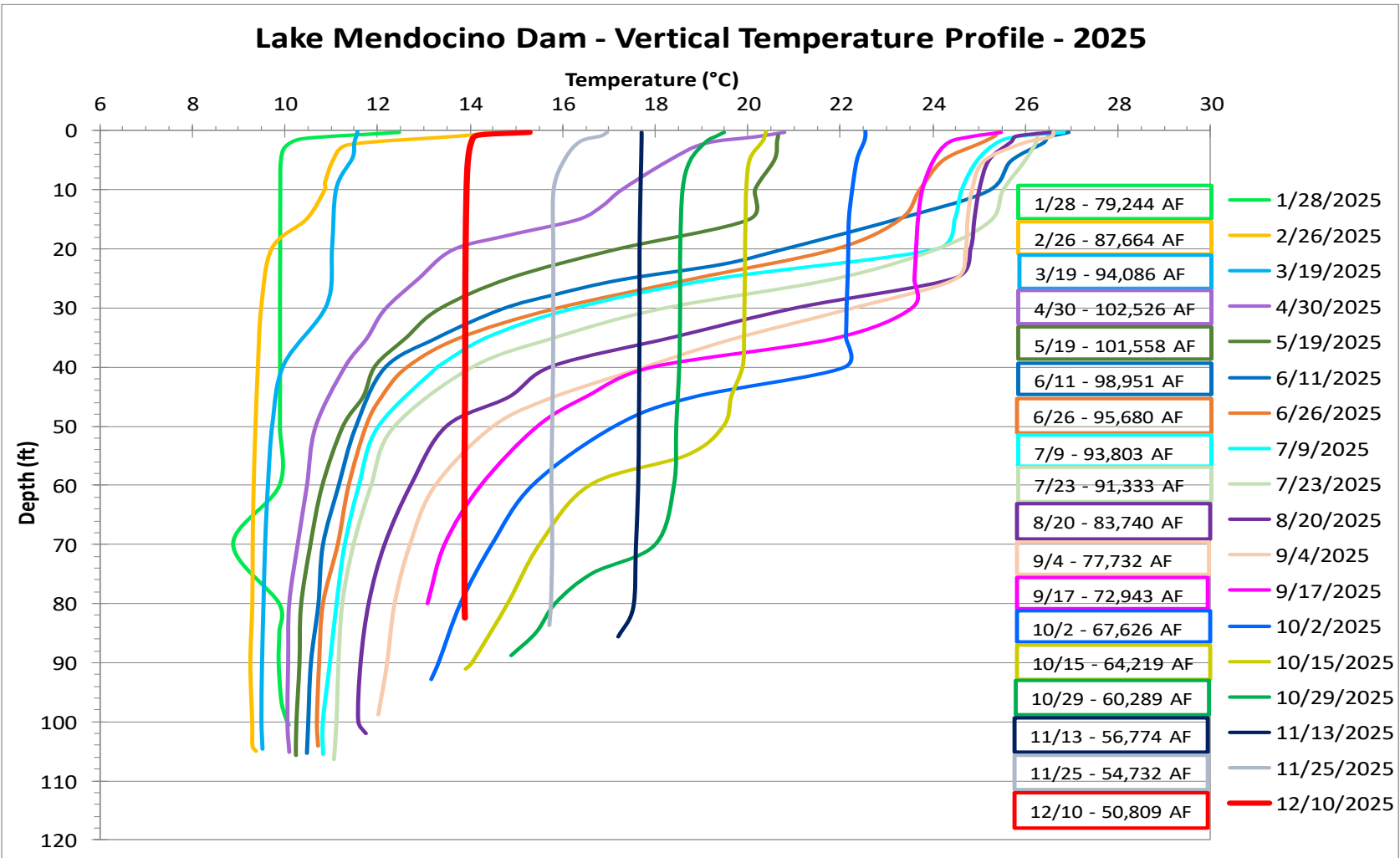
Potter Valley Project

PVP Diversion (cfs)	December 18, 2025	16
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - December 18, 2025	18,038	228
	Last 7 days	3,376	482

*Inflow calculation based on criteria established in D1610

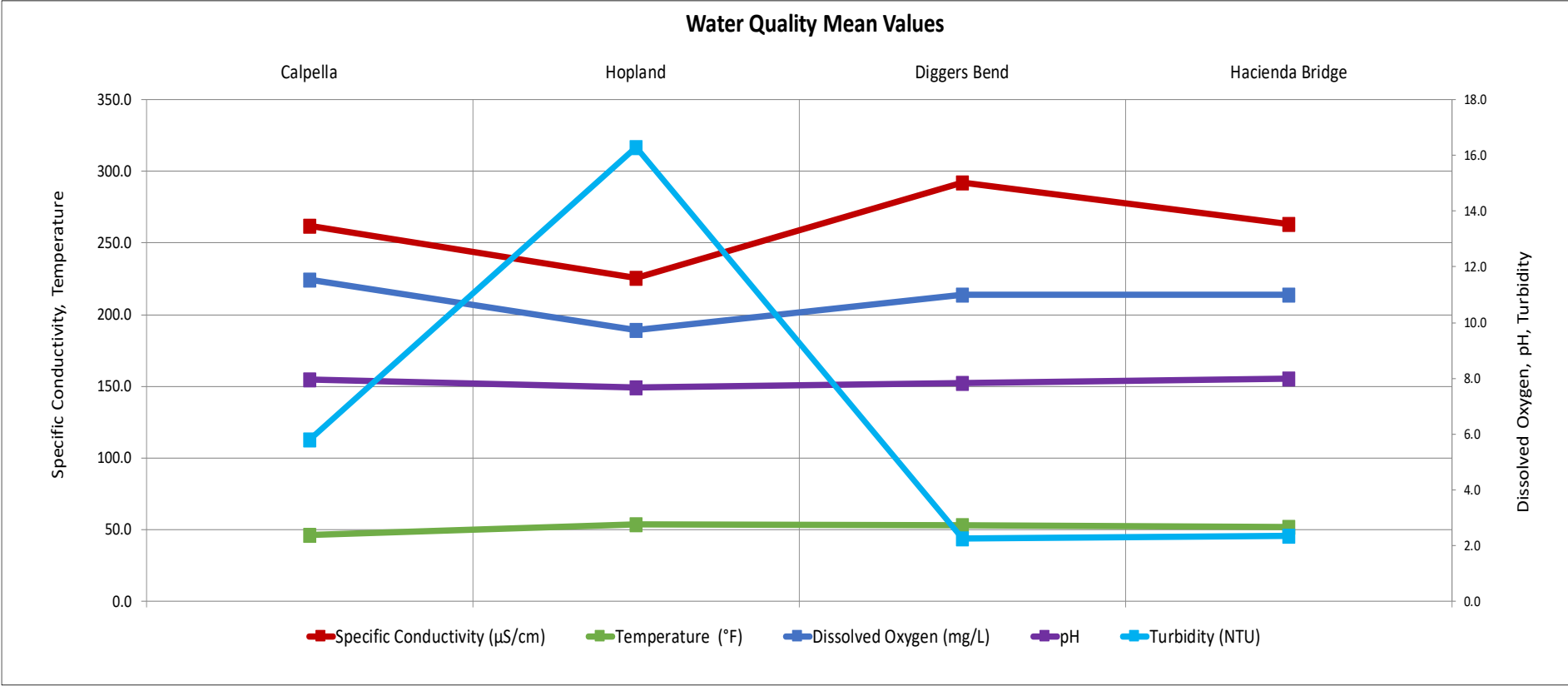




Russian River Flows (December 12, 2025 - December 18, 2025)

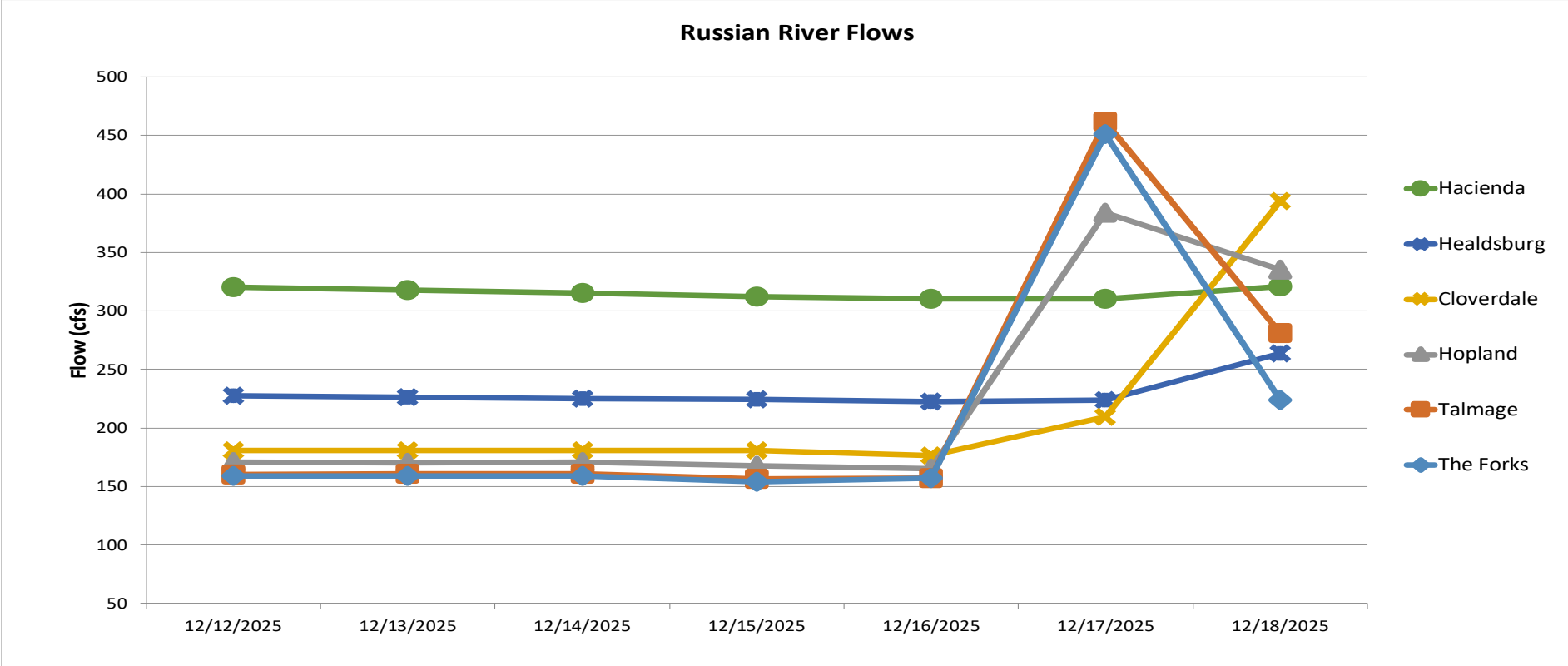
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	42.6	52.0		51.4	50.9		50.0	
	Max	53.2	56.8		56.5	55.9		55.0	
	Mean	46.3	53.7		53.4	52.7		51.6	
Specific Conductivity (µS/cm)	Min	222.0	155.0			289.0		211.0	
	Max	268.0	230.0			294.0		276.0	
	Mean	262.1	225.7			292.4		263.3	
Dissolved Oxygen (mg/L)	Min	10.3	9.2			9.7		10.0	
	Max	12.9	10.4			13.0		12.0	
	Mean	11.5	9.7			11.0		11.0	
Dissolved Oxygen (% Saturation)	Min	93.2	87.2			90.4		89.6	
	Max	108.4	96.5			120.3		111.2	
	Mean	97.1	90.3			100.9		99.5	
pH	Min	7.7	7.6			7.6		7.7	
	Max	8.2	7.8			8.3		8.2	
	Mean	7.9	7.7			7.8		8.0	
Turbidity (NTU)	Min	0.6	7.3			0.3		1.7	
	Max	56.6	201.0			3.4		3.3	
	Mean	5.8	16.3			2.3		2.3	

*Station operated seasonally



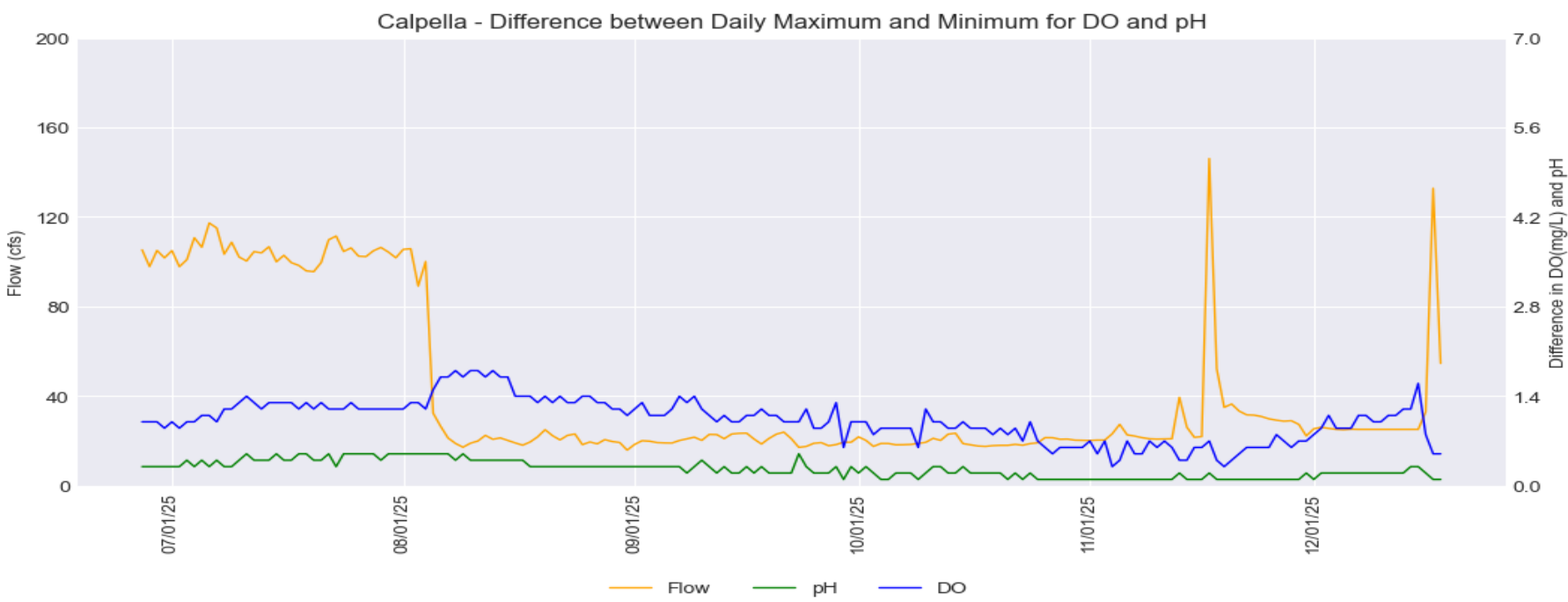
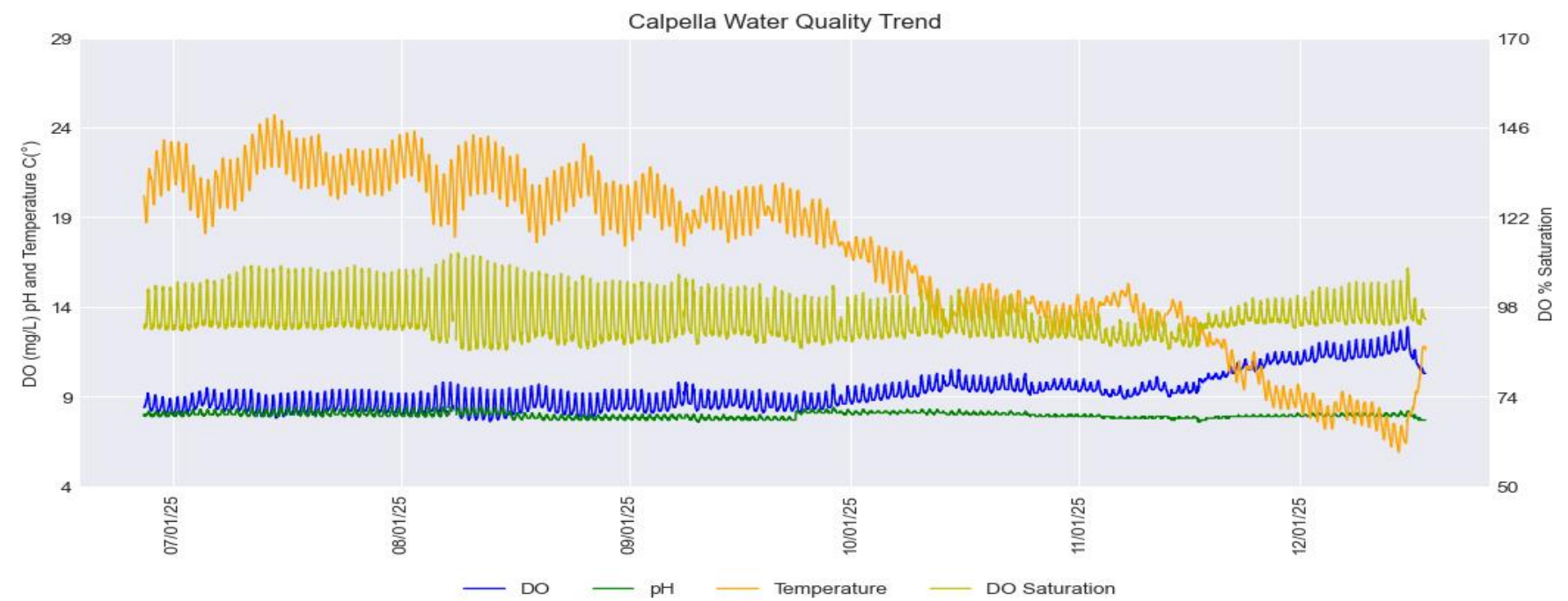
Gage	24-hr Average Flow (cfs)						
	Dec 12, 2025	Dec 13, 2025	Dec 14, 2025	Dec 15, 2025	Dec 16, 2025	Dec 17, 2025	Dec 18, 2025
The Forks*	159	159	159	154	157	451	224
Talmage USGS 11462080	160	161	161	157	157	462	281
Hopland USGS 11462500	171	170	171	168	166	384	335
Cloverdale USGS 11463000	181	181	181	181	176	210	394
Healdsburg USGS 11464000	228	226	225	224	223	224	263
Hacienda USGS 11467000	321	318	315	312	310	311	321

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

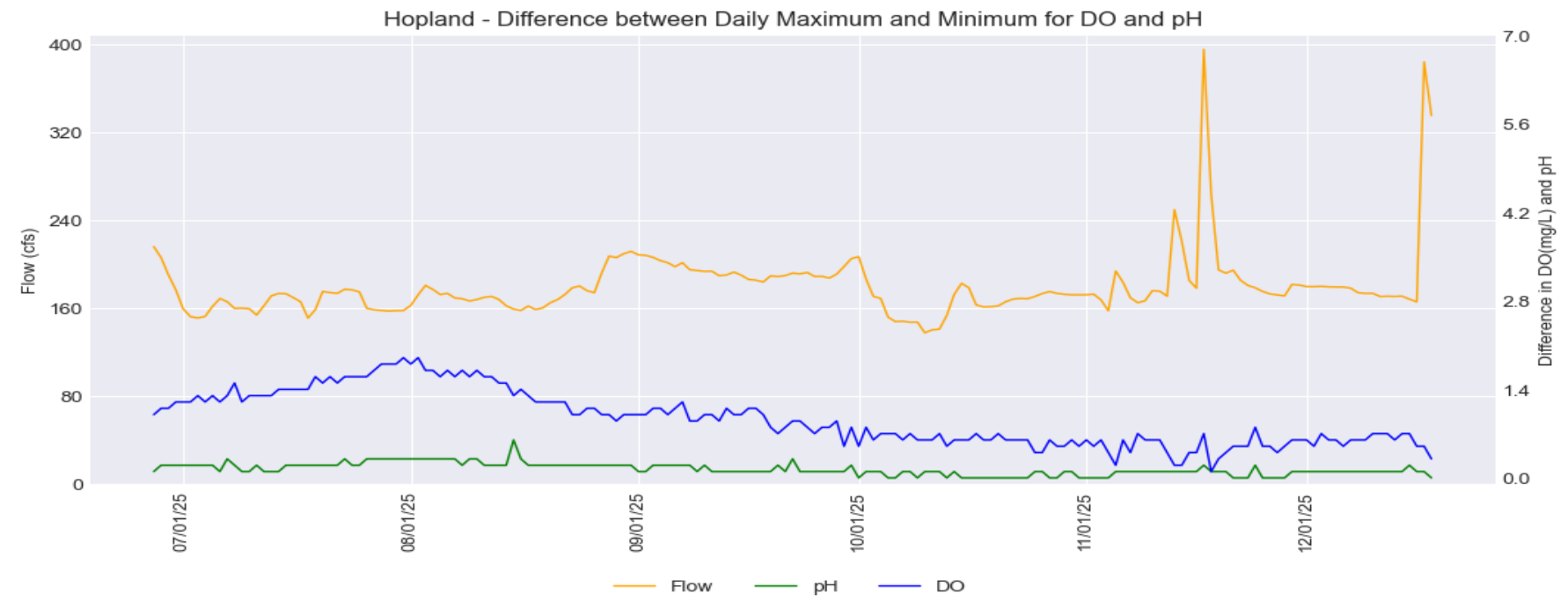
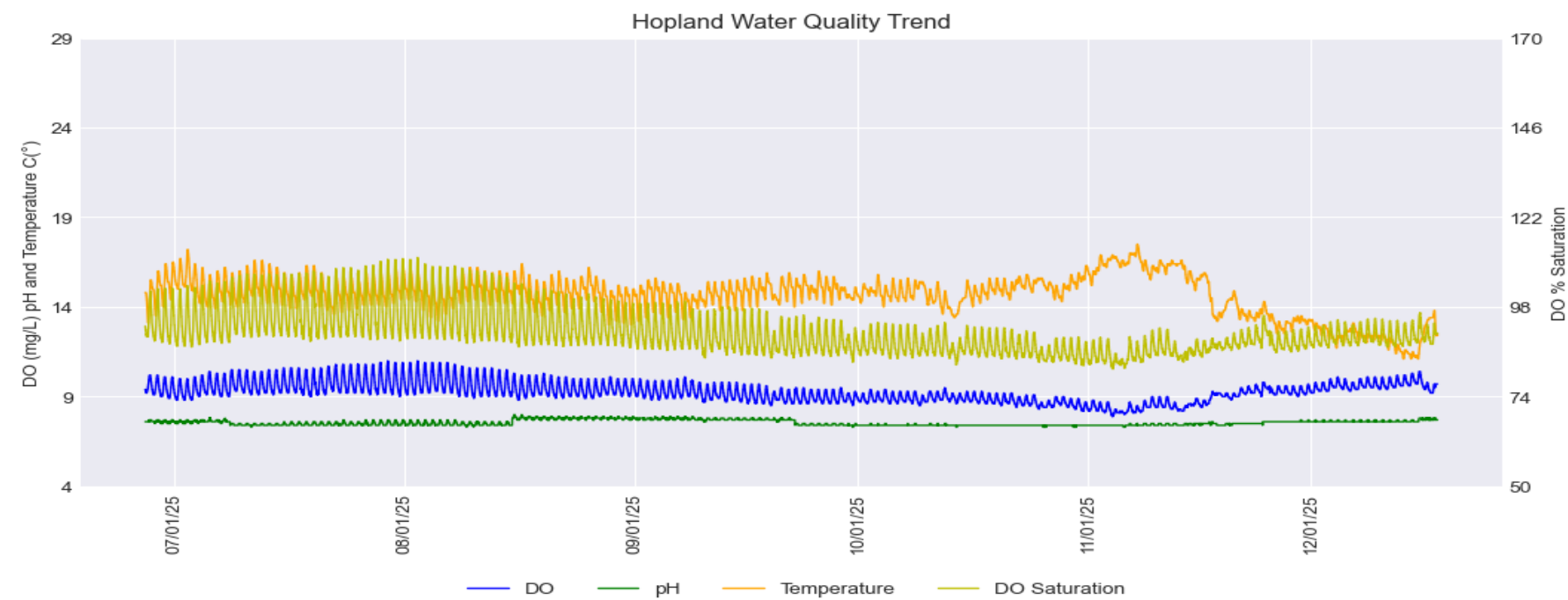


Russian River Water Quality June 27, 2025 – December 18, 2025
Provisional Data Subject to Revision

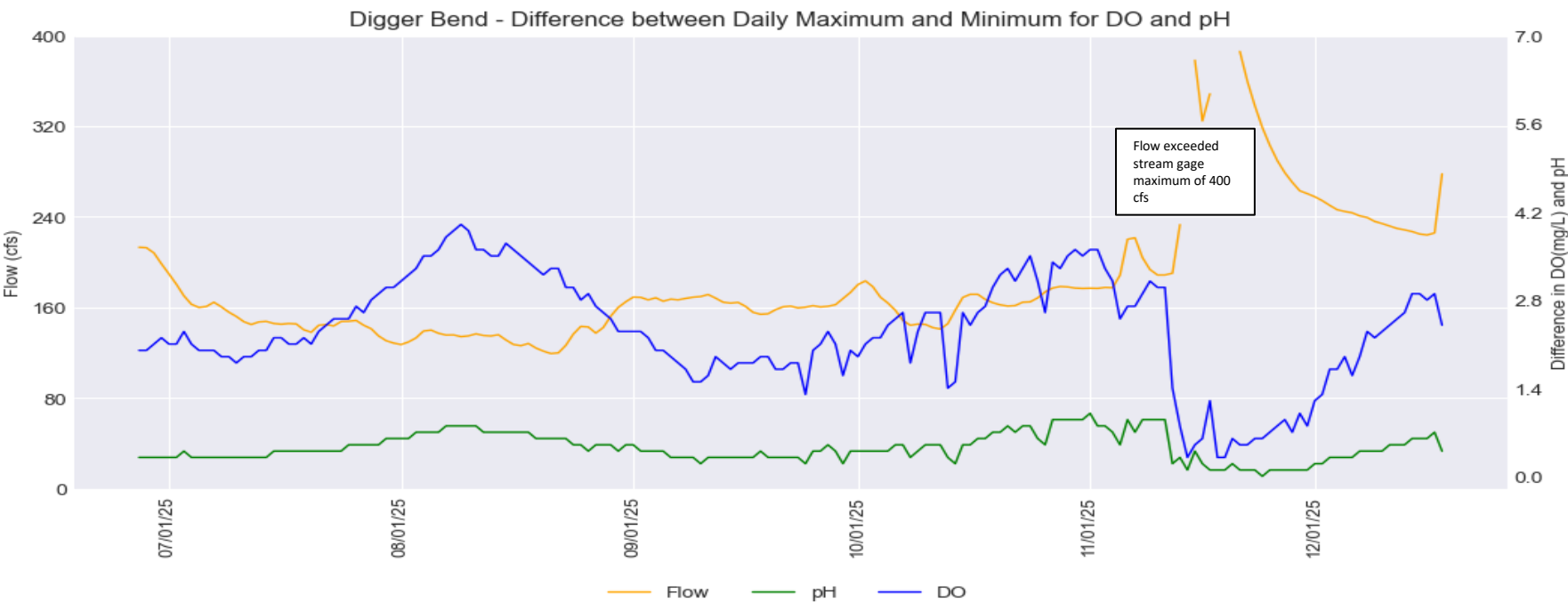
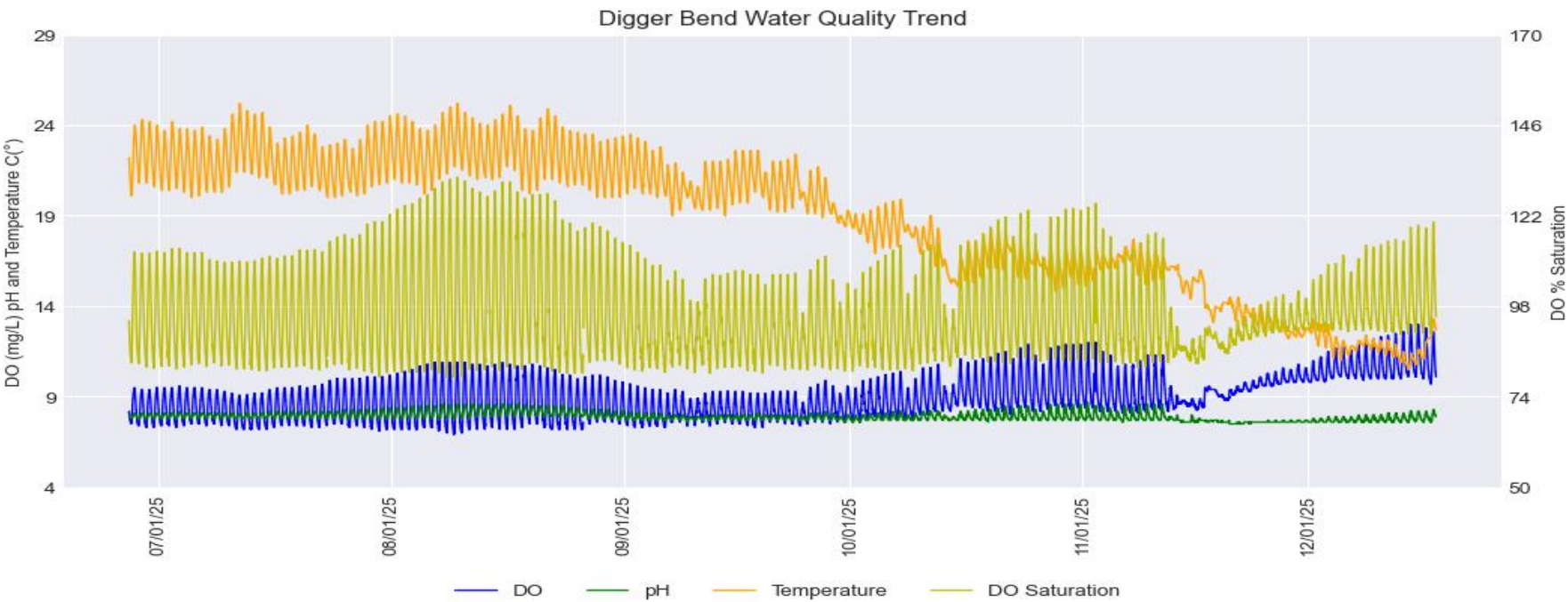
Calpella



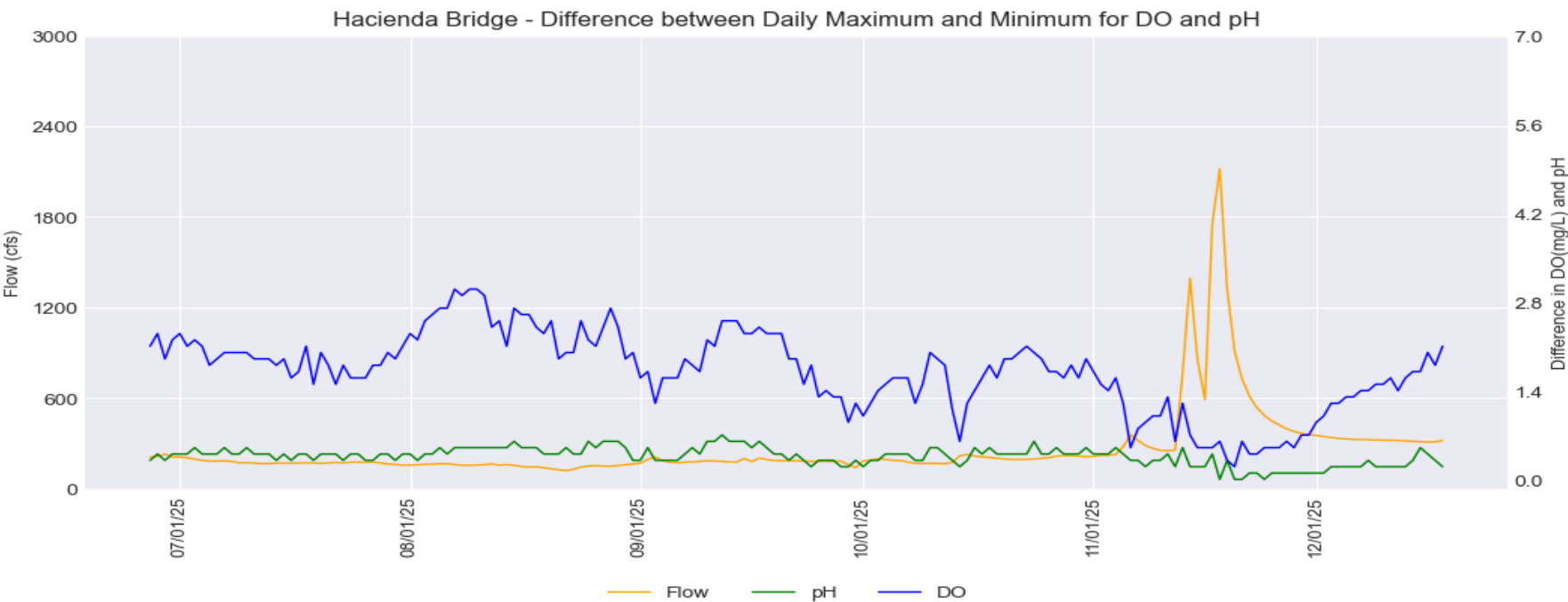
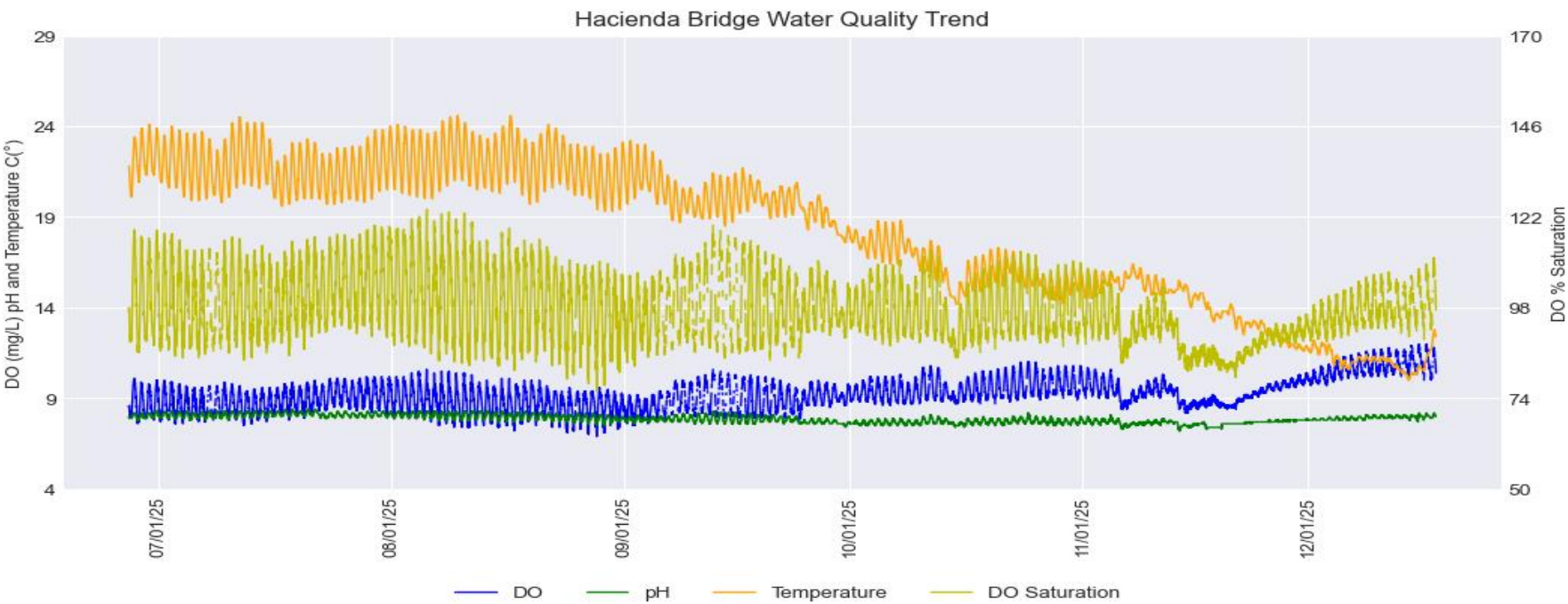
Hopland



Russian River Water Quality June 27, 2025 – December 18, 2025
Provisional Data Subject to Revision
Digger Bend

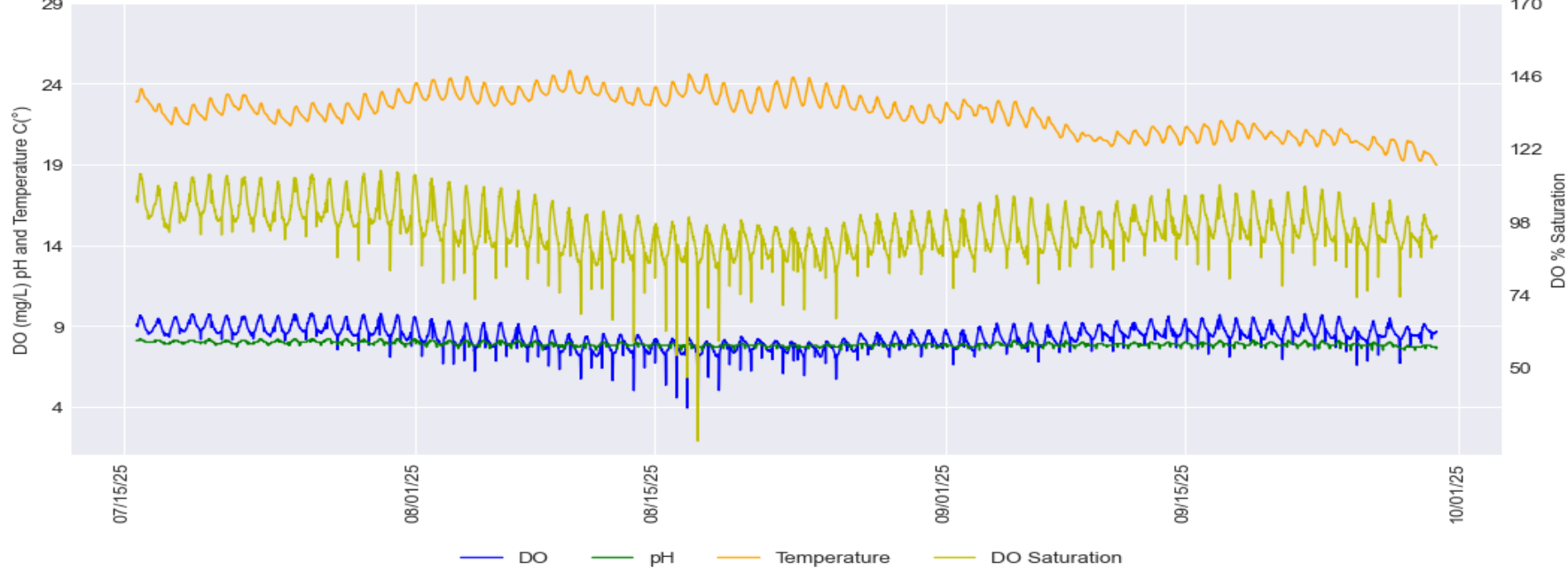


Hacienda Bridge

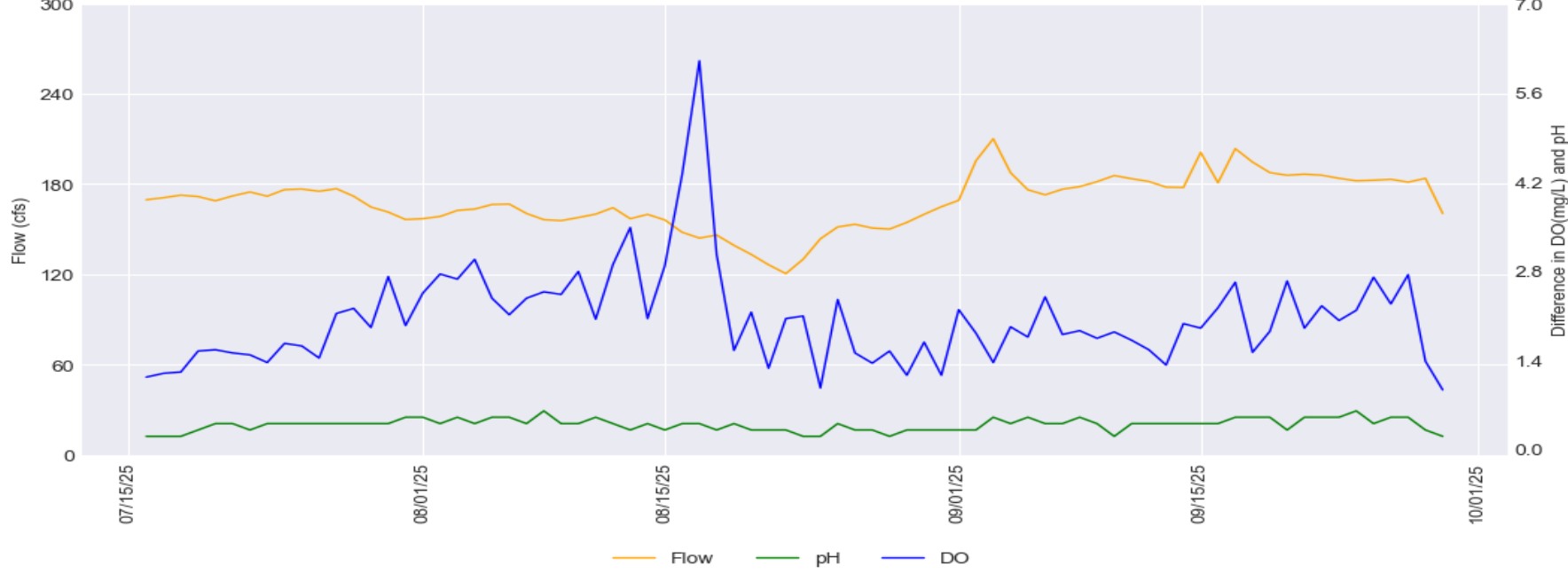


Russian River Water Quality June 27, 2025 – October 30, 2025
Provisional Data Subject to Revision
Johnsons Beach

Johnsons Beach Water Quality Trend

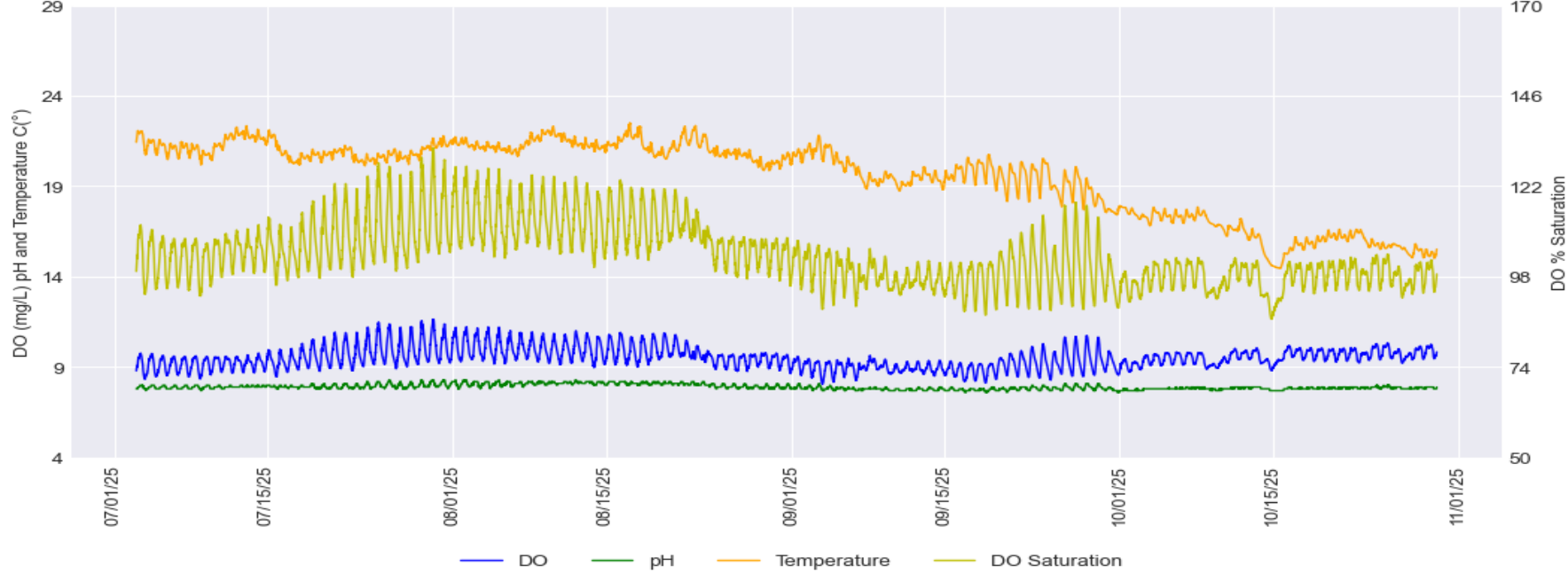


Johnsons Beach - Difference between Daily Maximum and Minimum for DO and pH

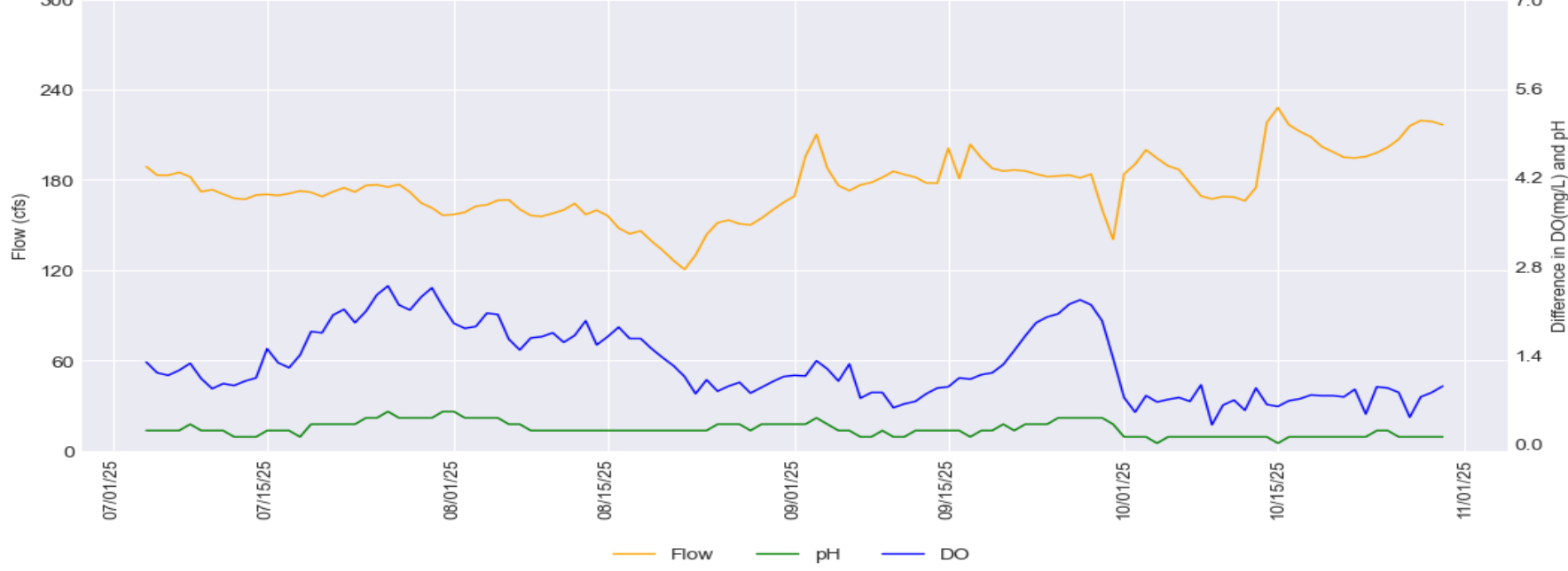


River Diversion System at Mirabel

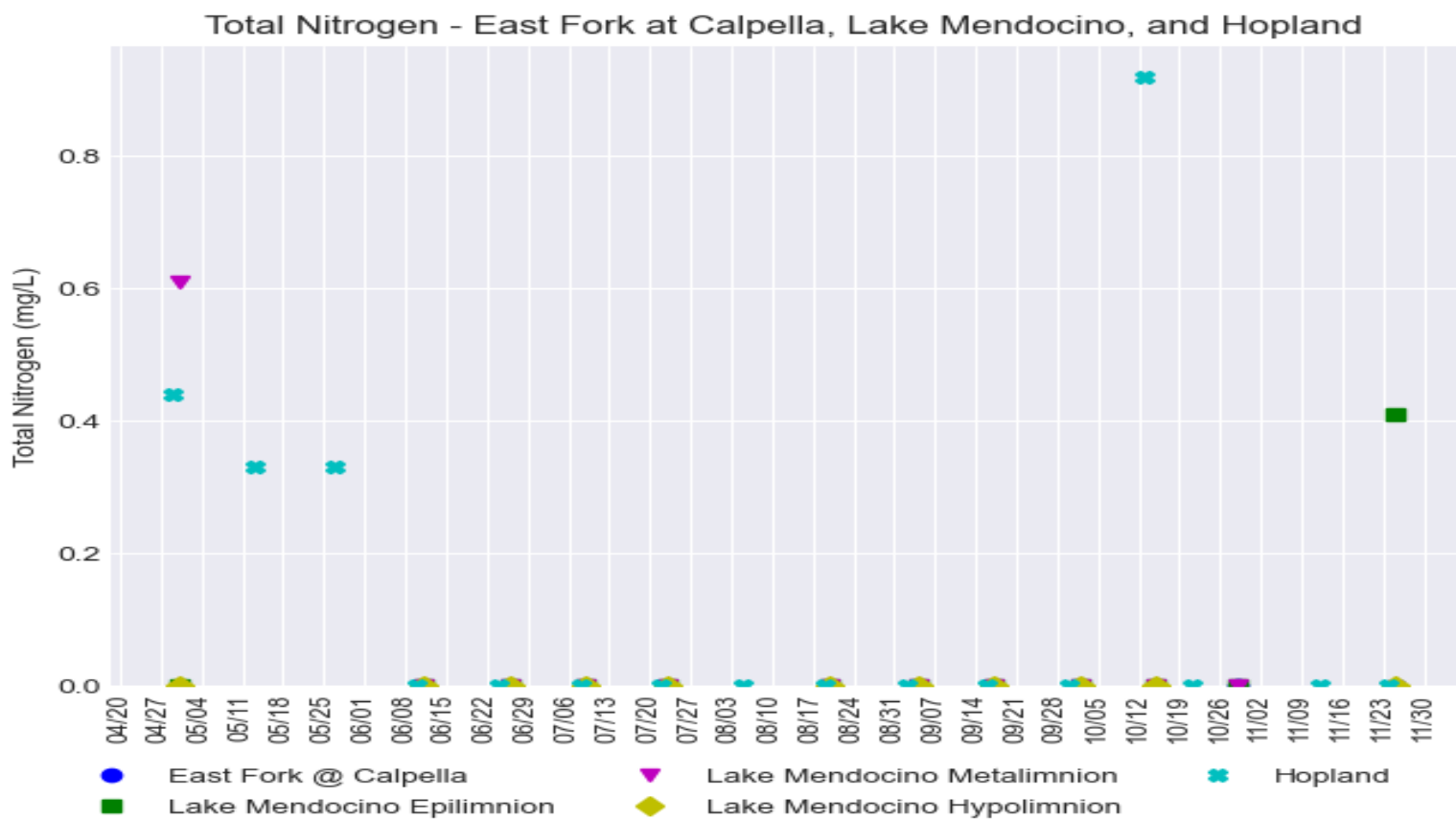
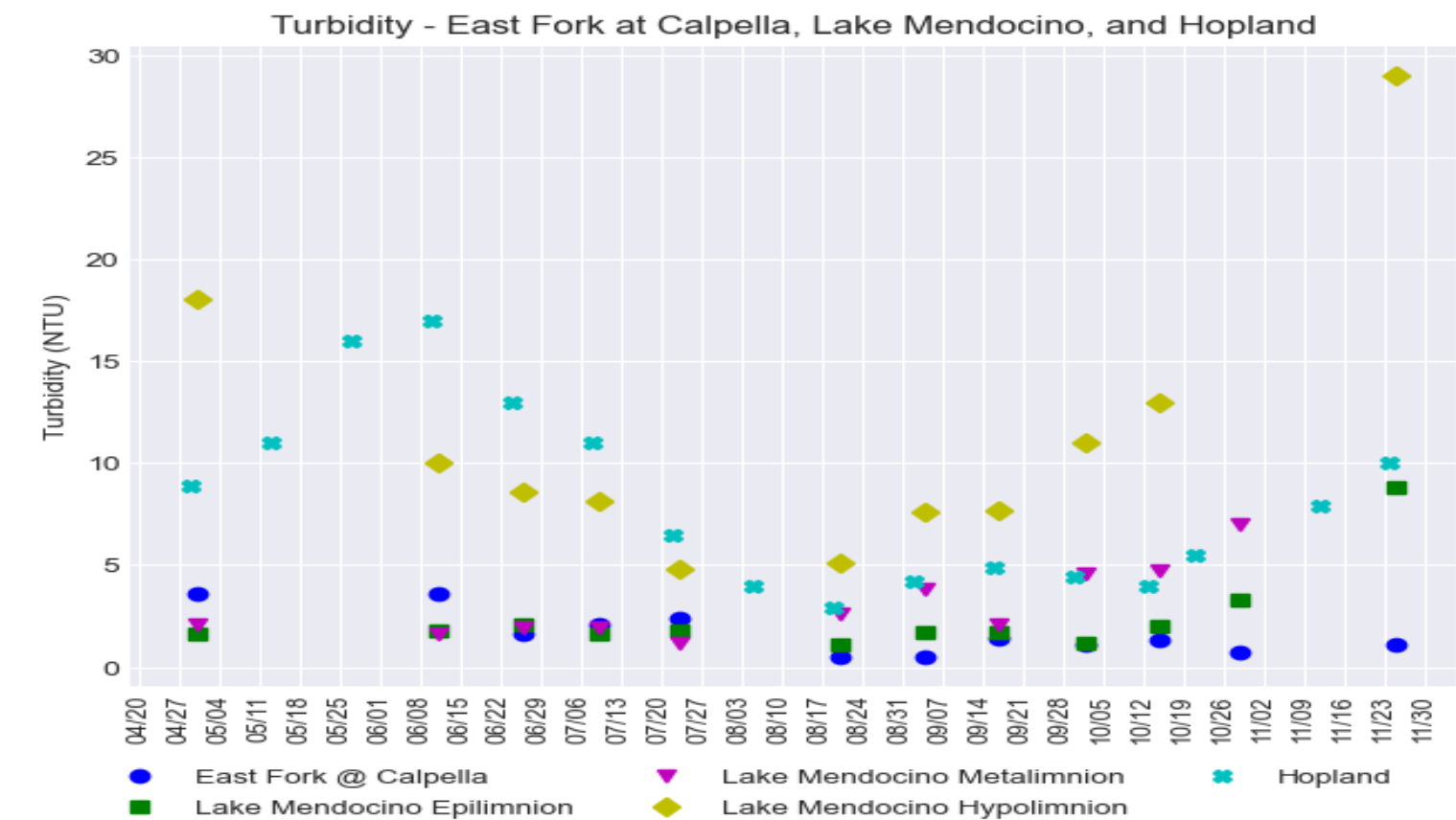
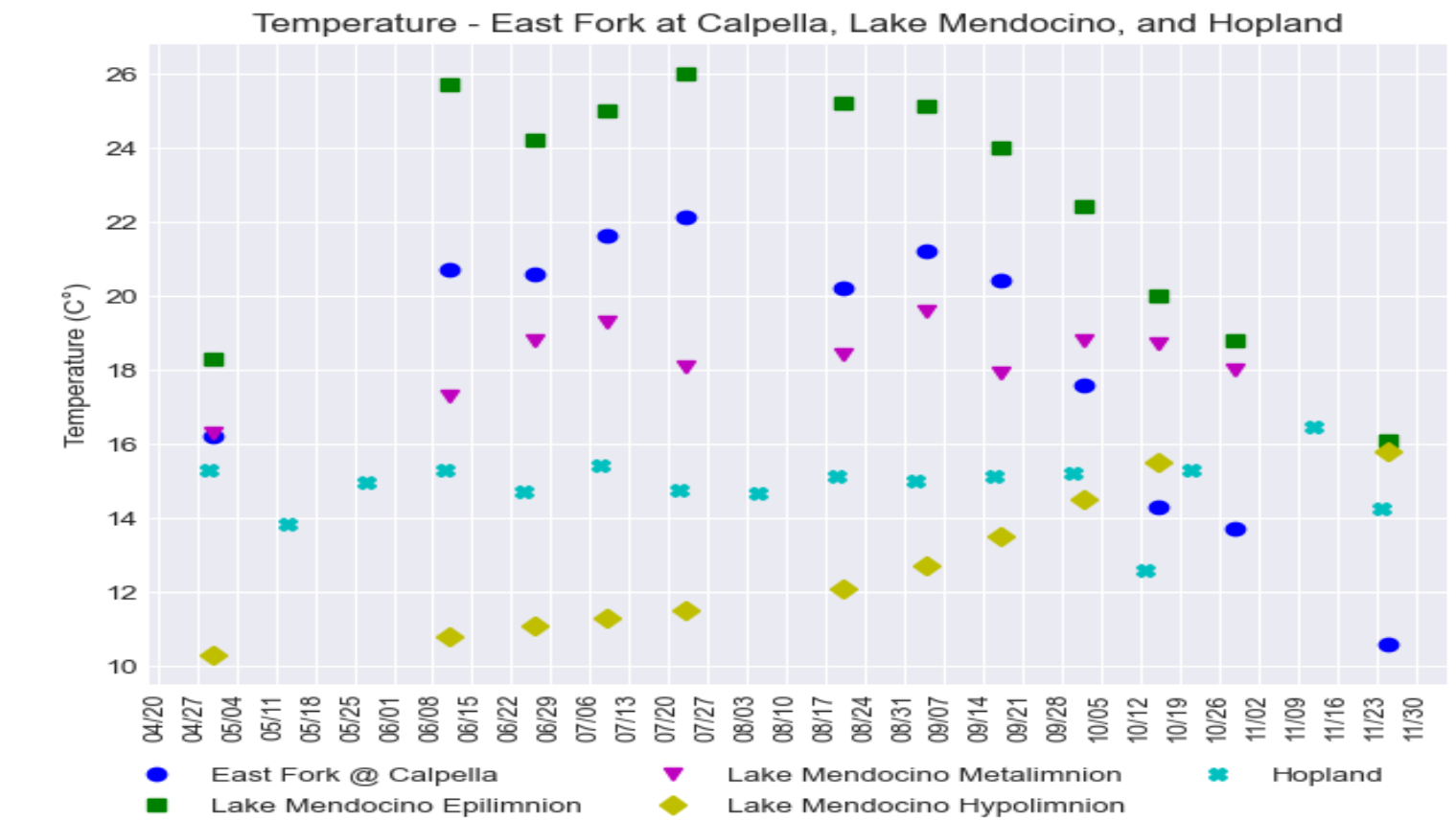
River Diversion System Water Quality Trend



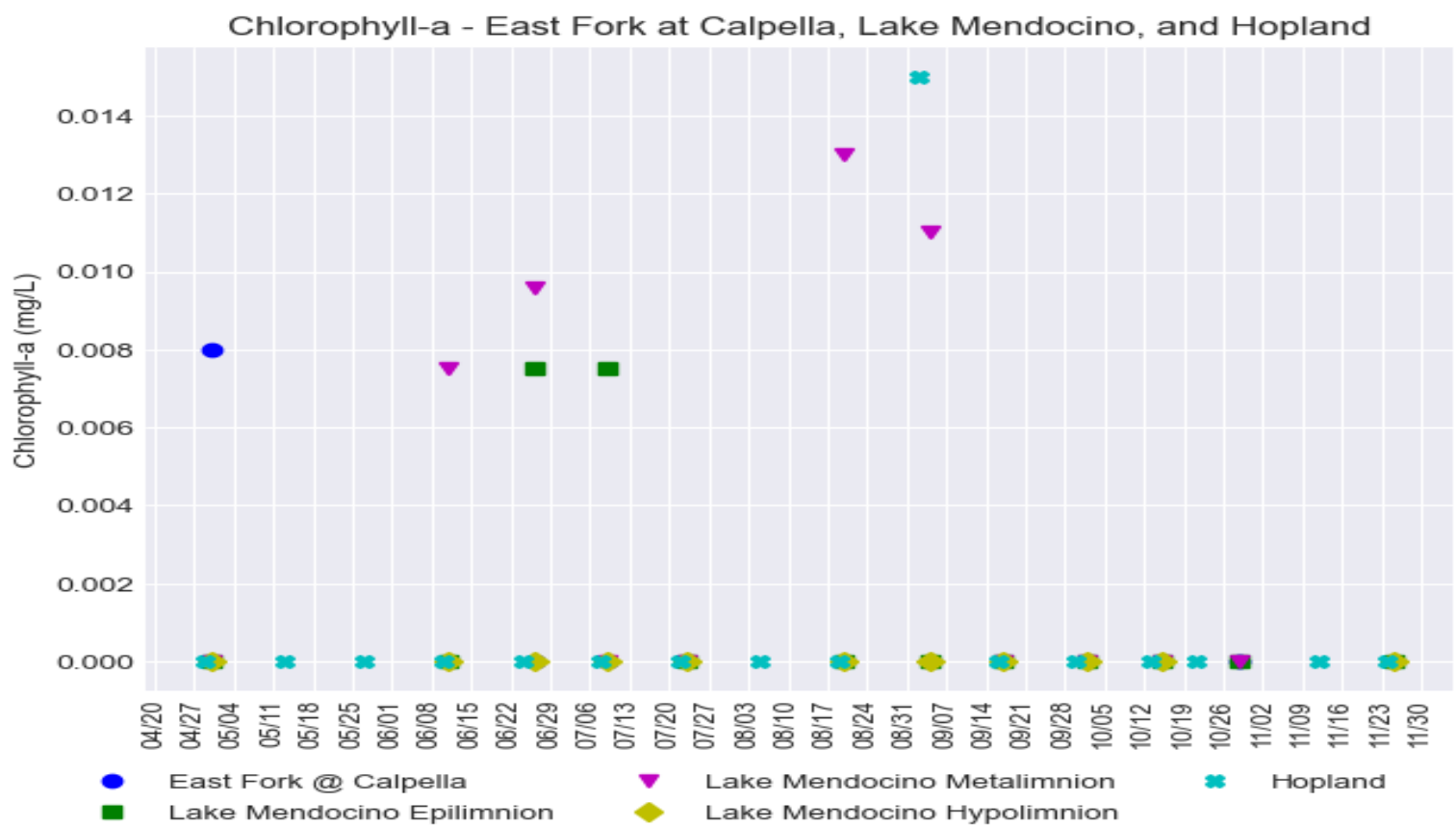
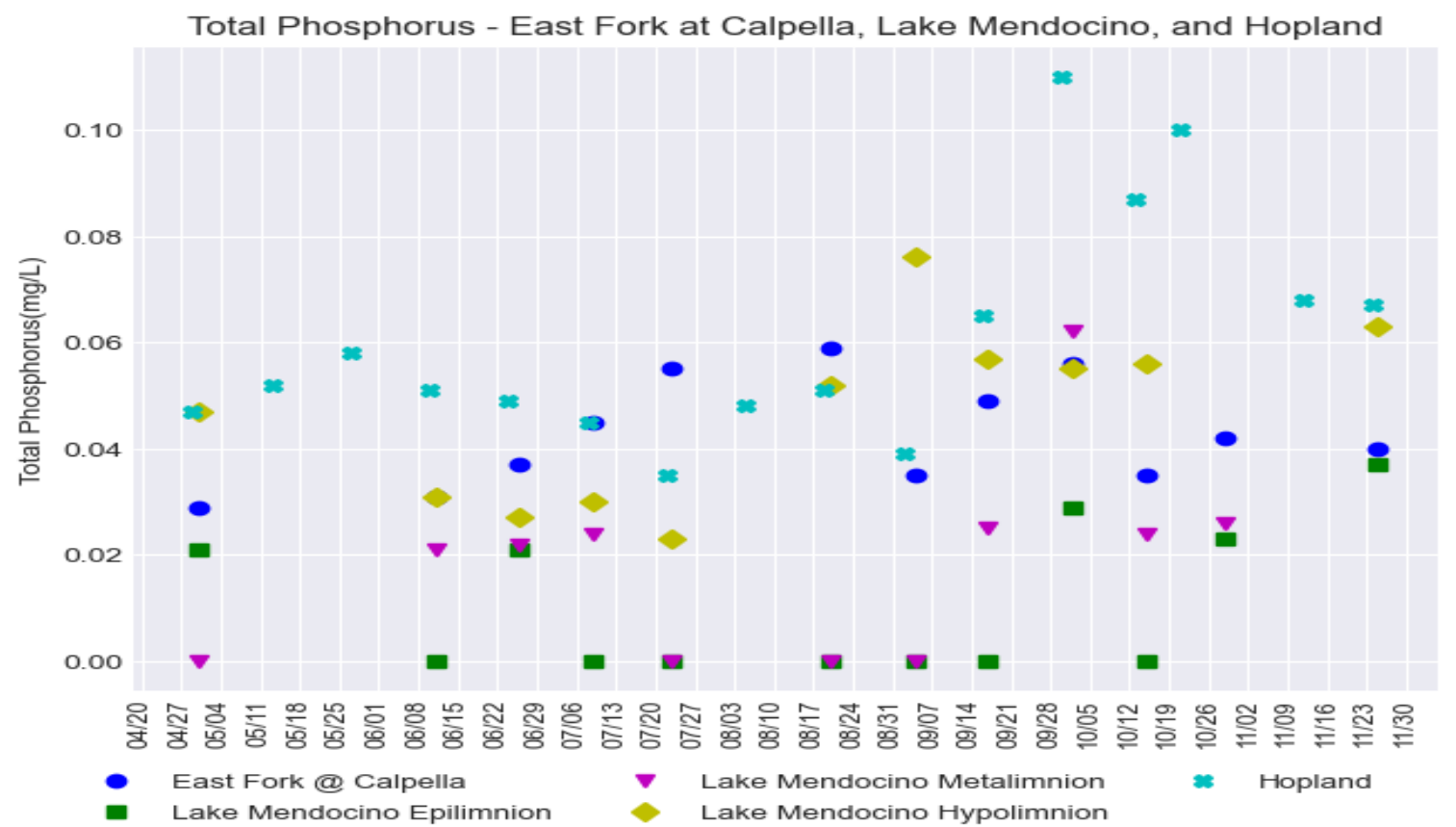
River Diversion System - Difference between Daily Maximum and Minimum for DO and pH



Russian River Water Quality Grab Samples
Provisional Data Subject to Revision

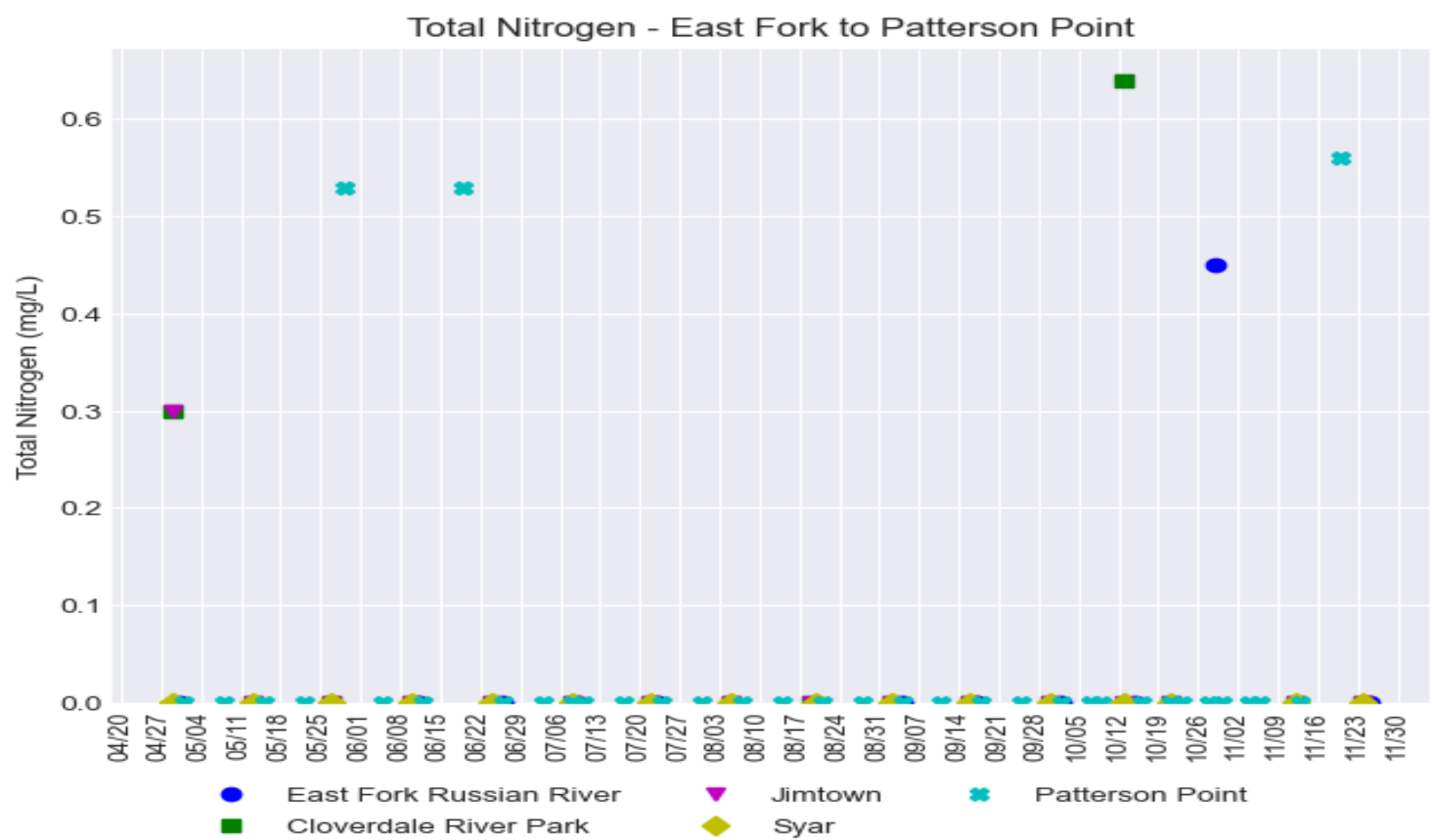
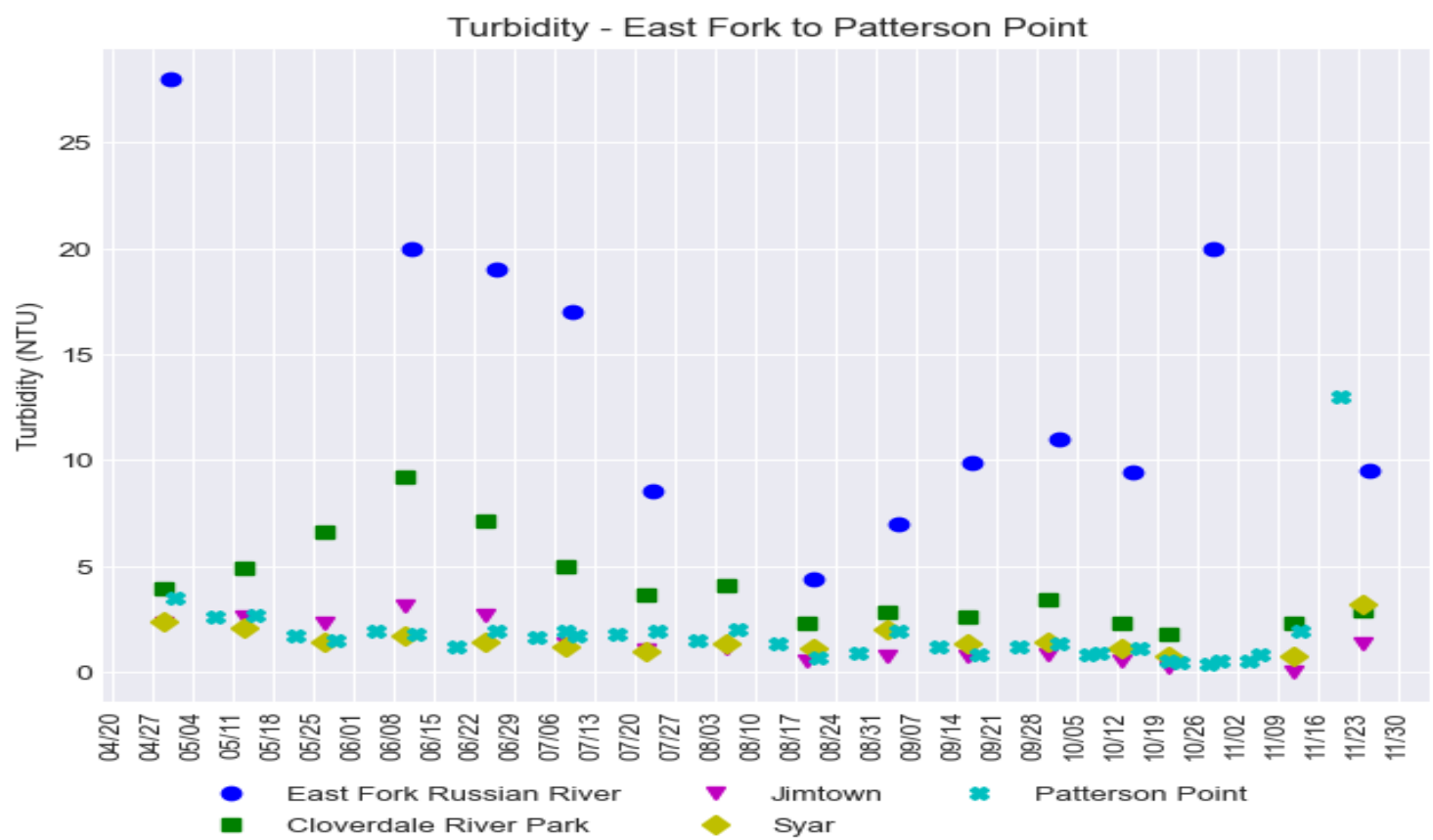
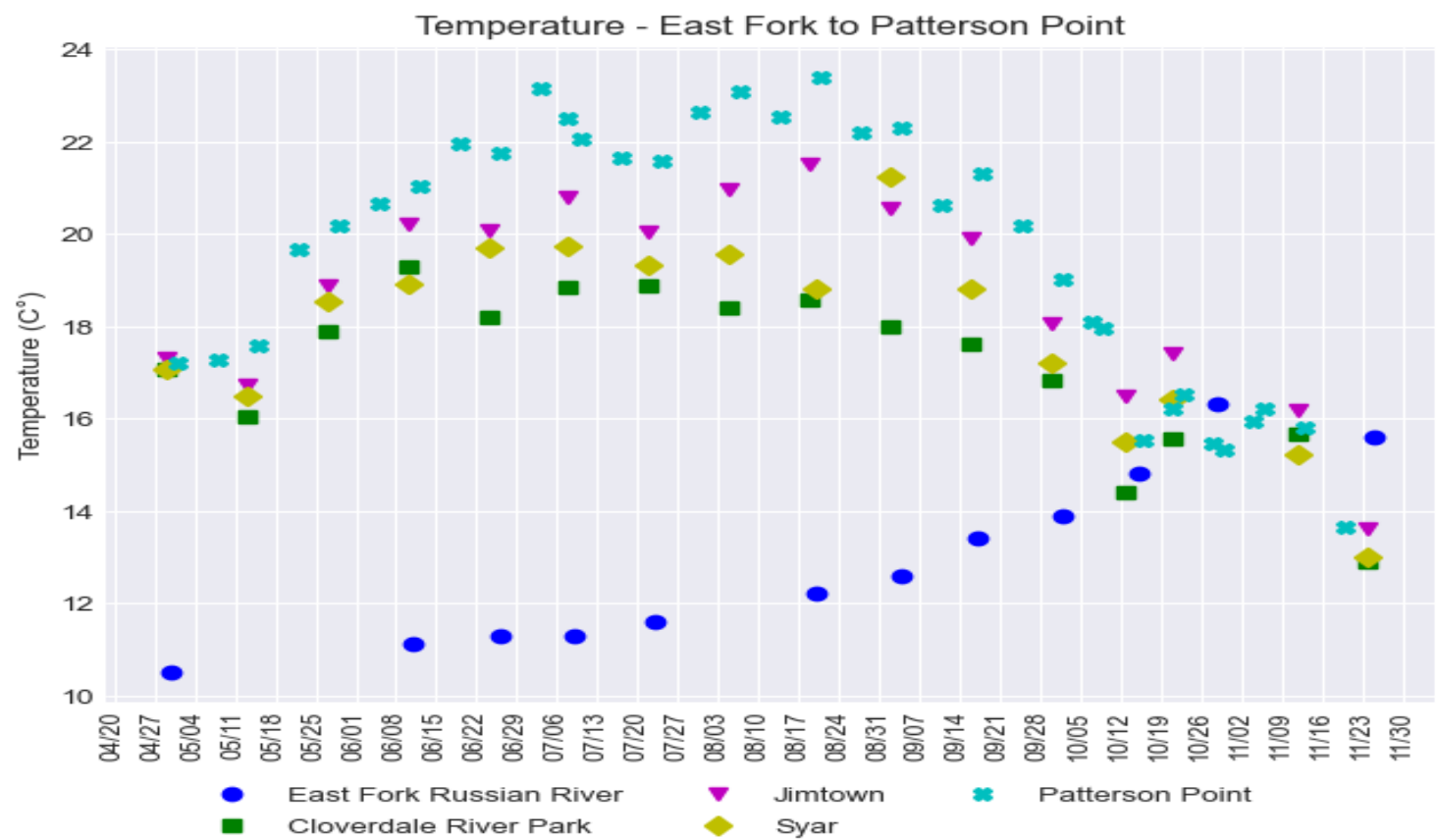


Russian River Water Quality Grab Samples
Provisional Data Subject to Revision

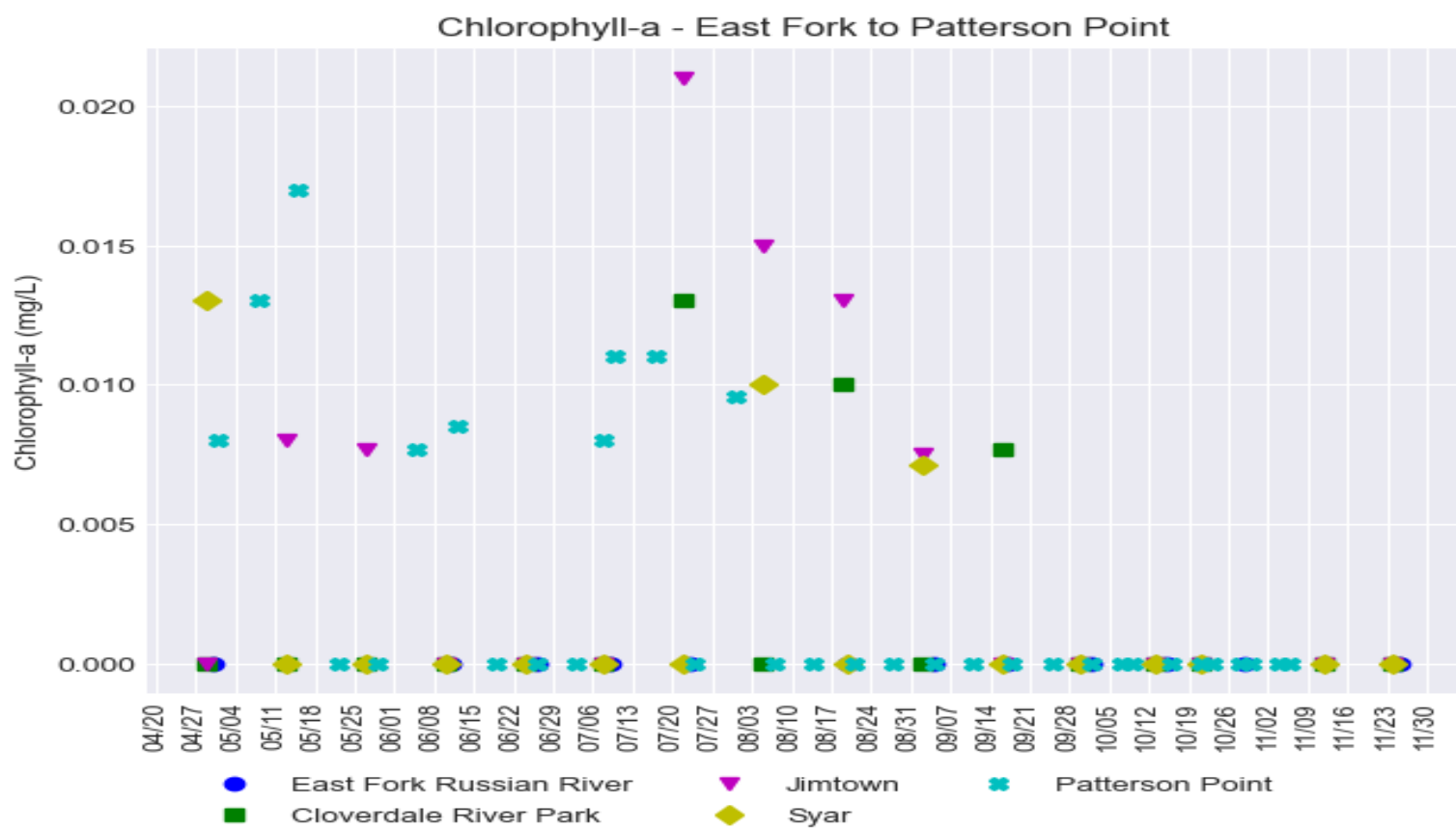
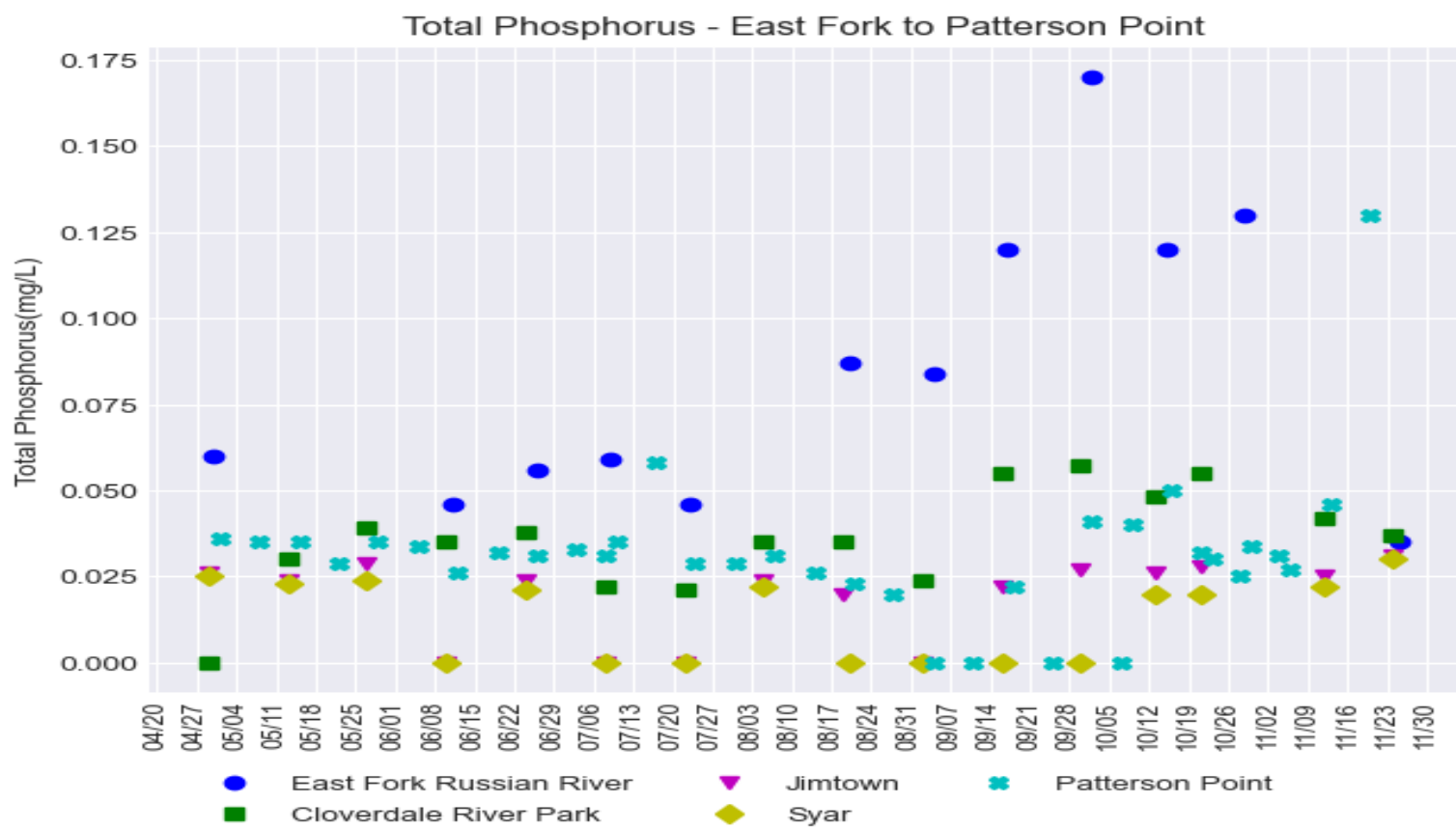


Russian River Water Quality Grab Samples

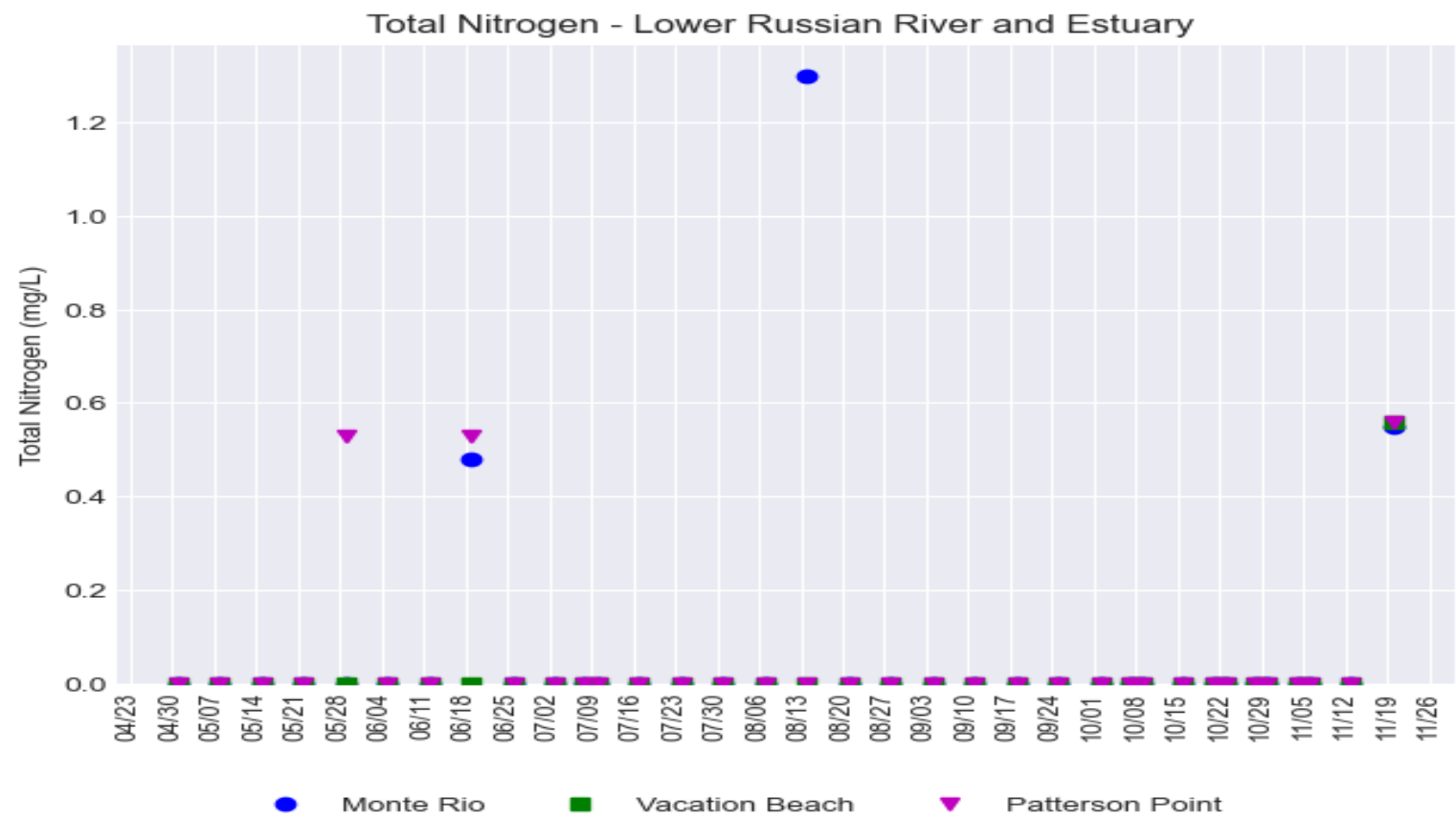
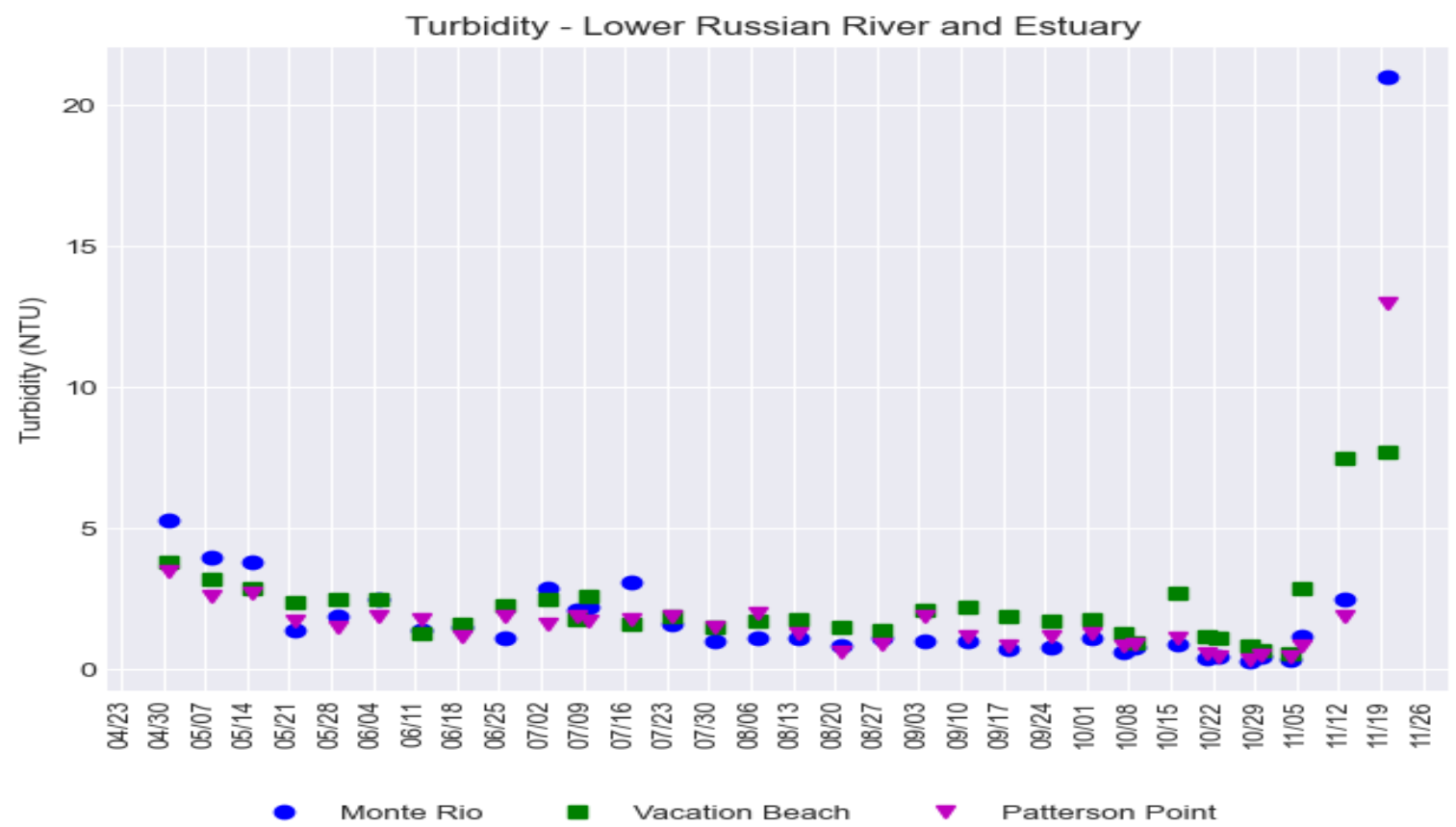
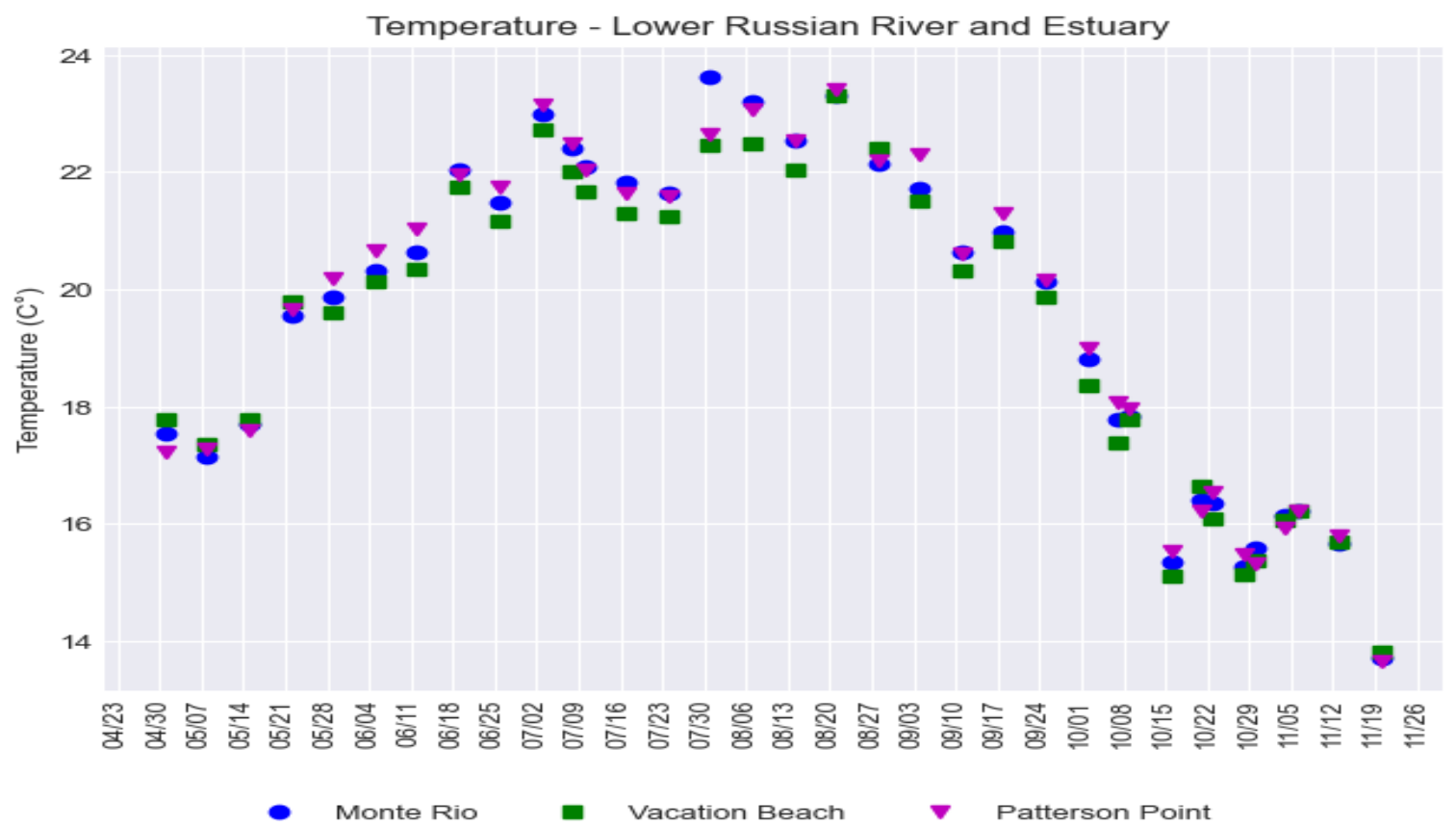
Provisional Data Subject to Revision



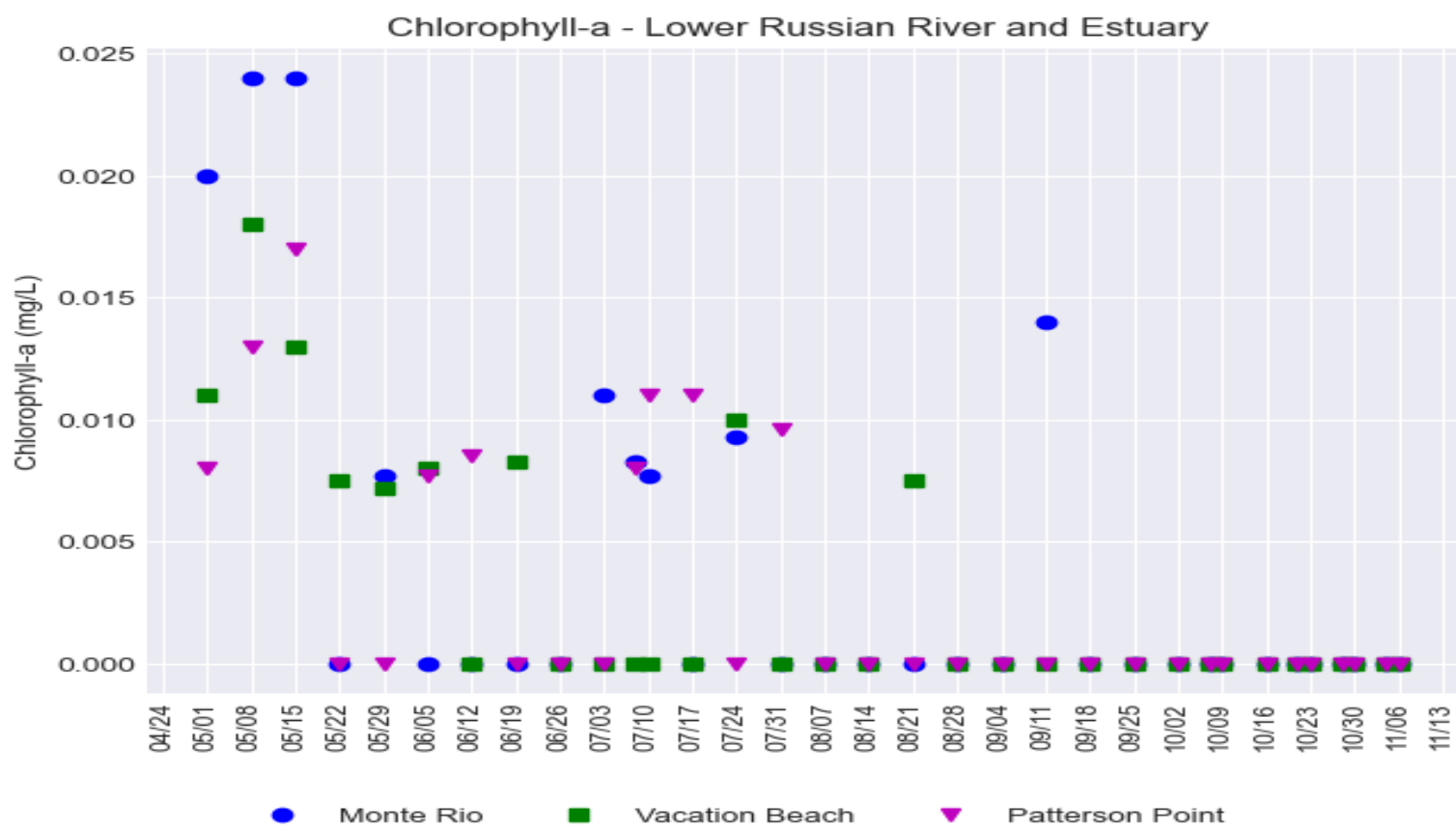
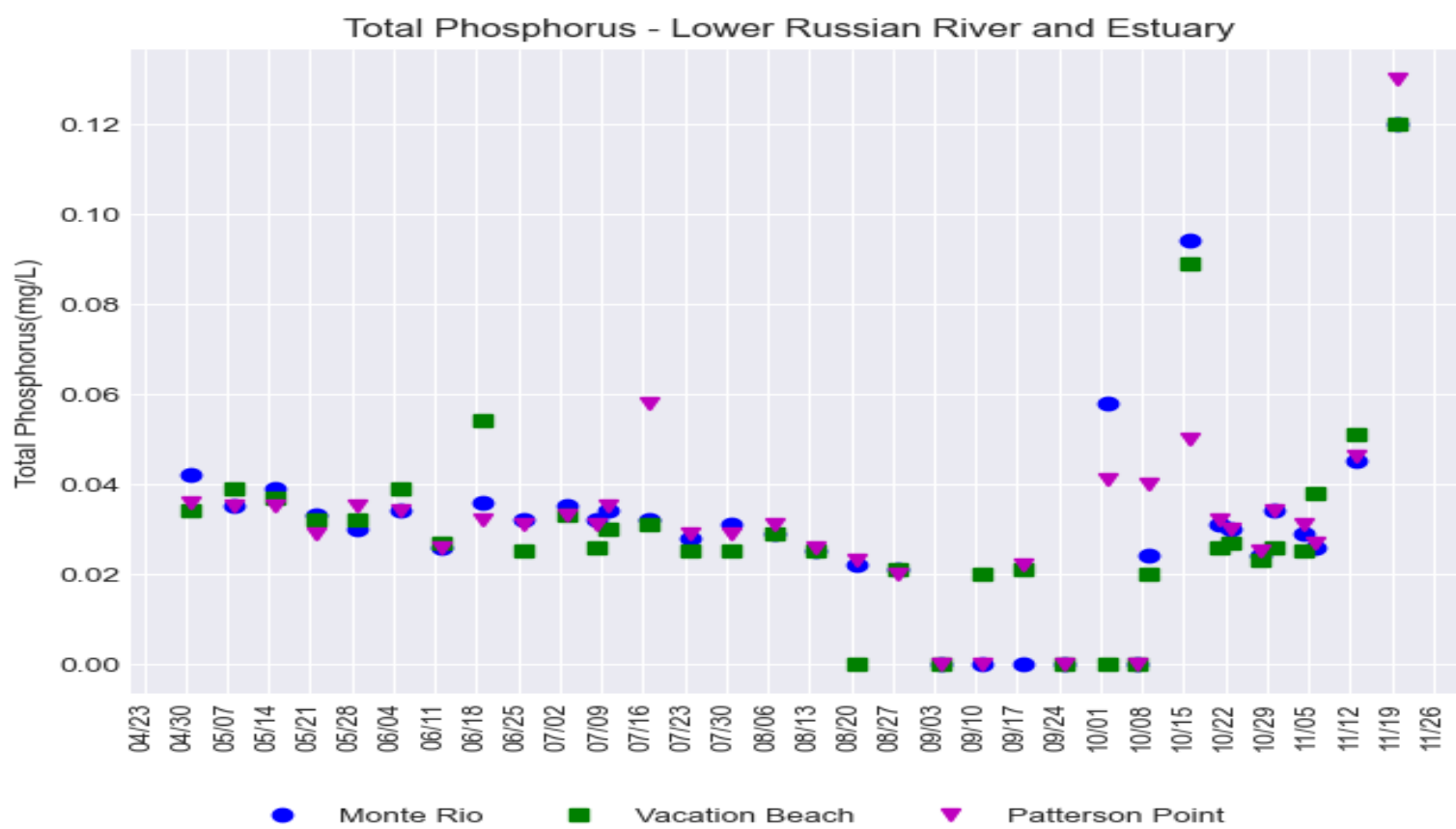
Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples
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

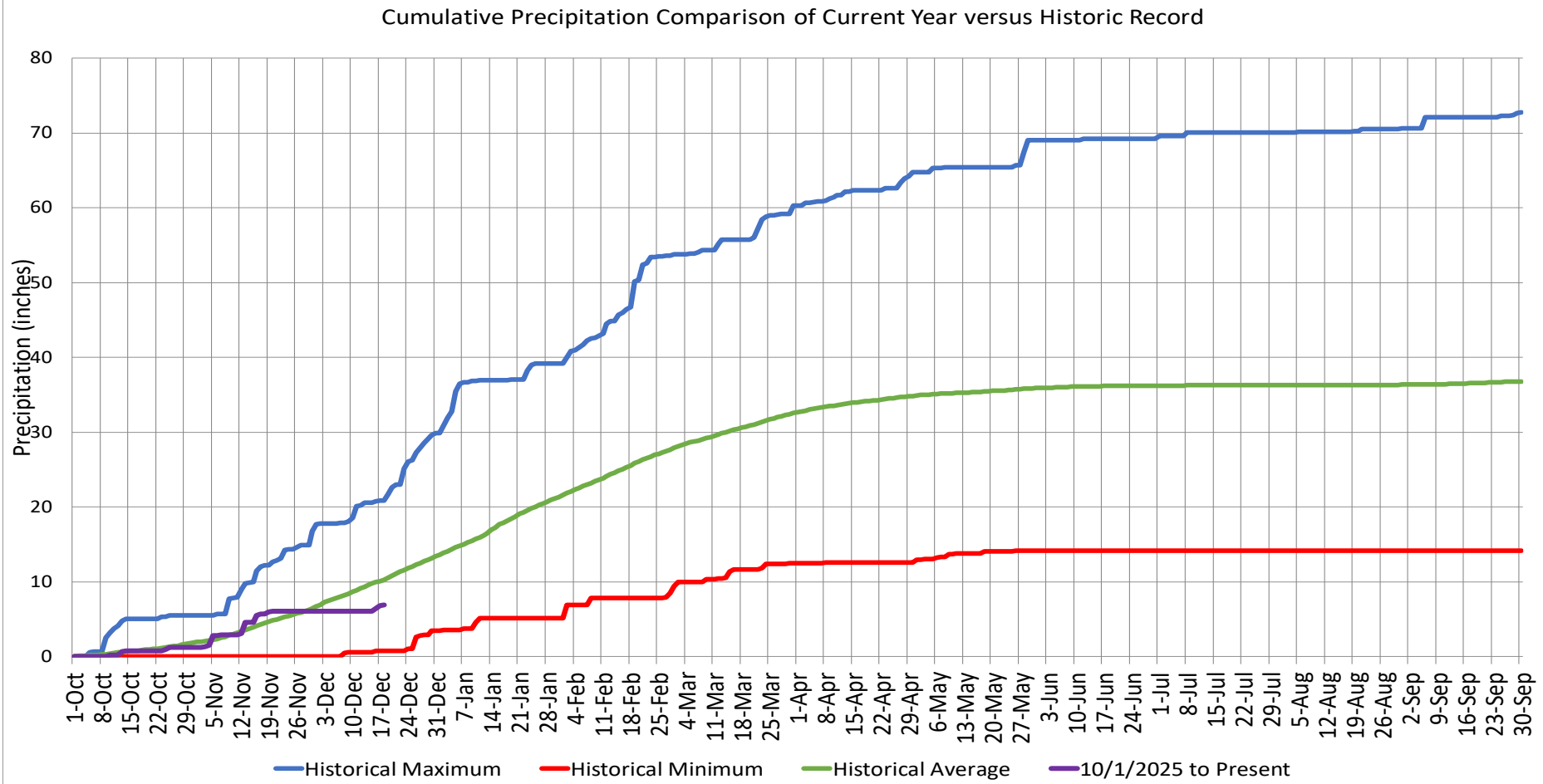
Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	10/16/2025	488.4	686.7	1986.3
		10/21/2025	648.8	488.4	435.2
		10/23/2025	866.4	488.4	344.8
		10/28/2025	1553.1	1299.7	1732.9
		11/4/2025	1935**	437**	465**
		11/6/2025	1968.3	2419.6	1732.9
		11/13/2025	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

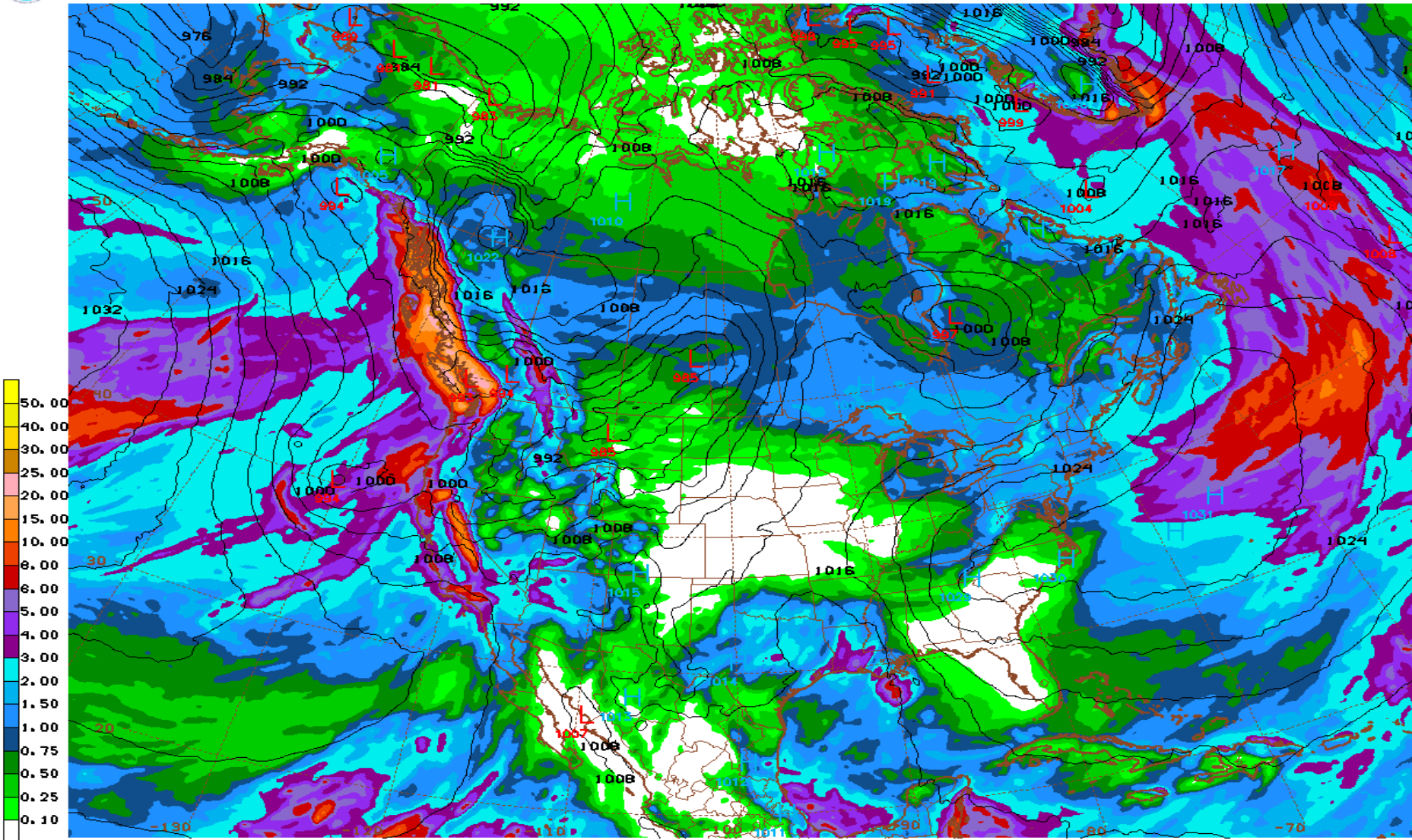
Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))

Date Range	Cumulative (inches)
Oct 1, 2025 - Dec 18, 2025	11.93
Last 7 Days*	0.83



Global Forecast System Model 16-day Cumulative Precipitation Forecast

6FS 12/22/25 12UTC 384HR FCST VALID WED 01/07/26 12UTC NOAA/NWS/NCEP



Date Range	Forecasted Cumulative (inches)
Dec 22 - Jan 7, 2026	5.10