



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
October 17, 2025 - October 23, 2025

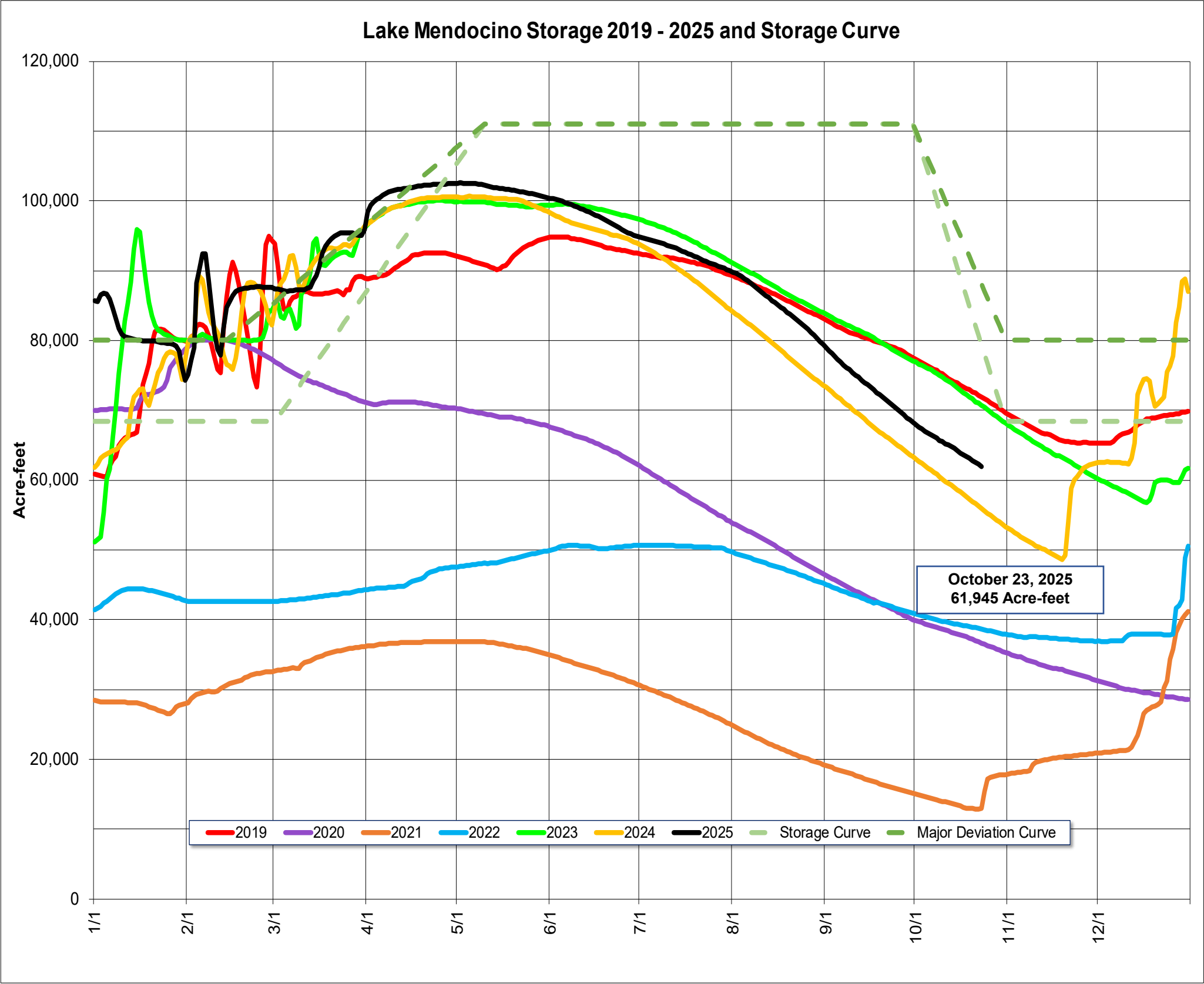
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of October 23, 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	80	-
Modified Per Order: Normal Condition	Lower Russian River	125	-

Lake Mendocino

Lake Mendocino Storage 2019 - 2025 and Storage Curve

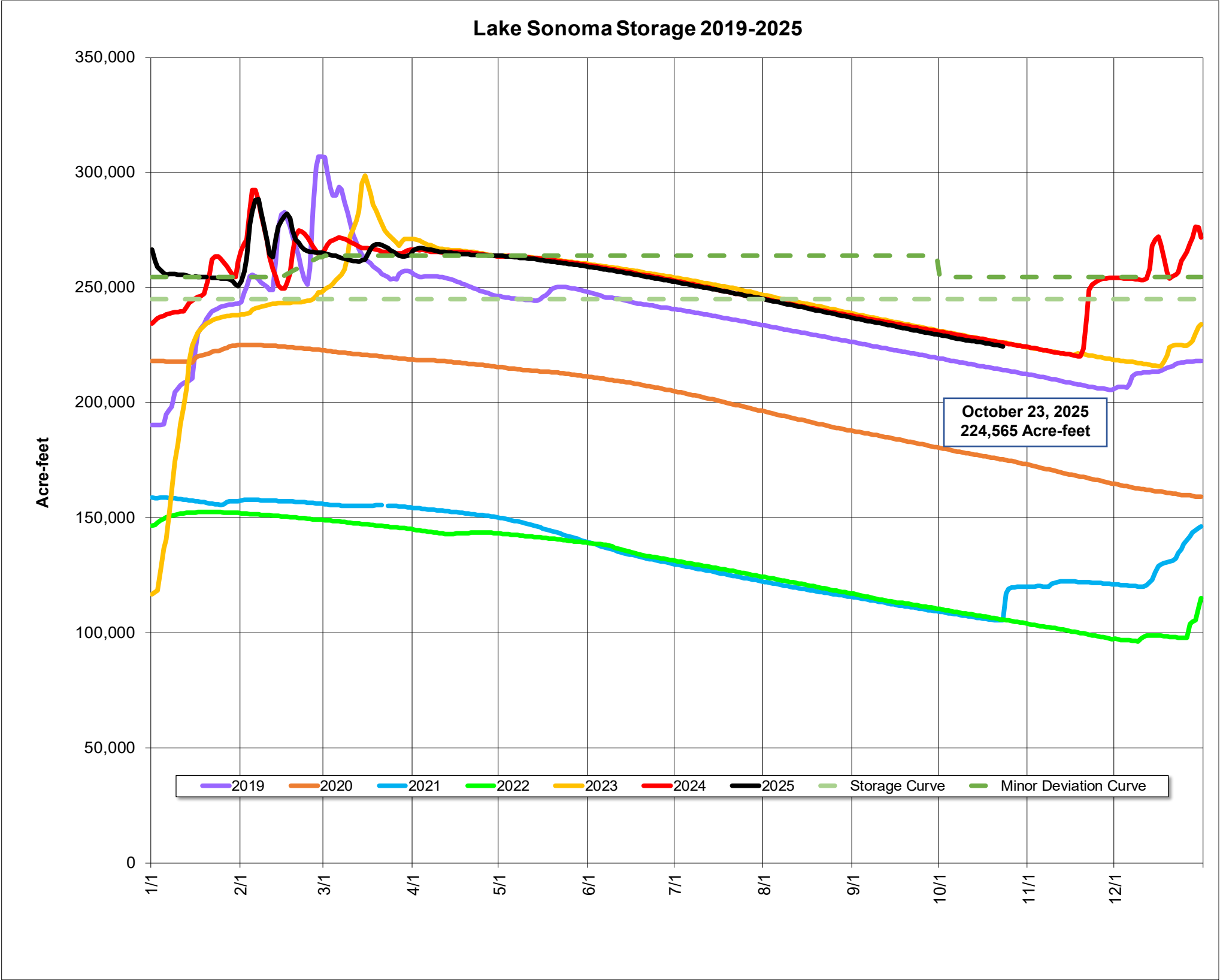


Storage (acre-feet)	October 23, 2025	61,945	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-8,872	-296
	Last 7 days	-1,703	-243
Daily Inflow (cfs)	Last 7 days	Min	17
		Max	33
		Mean	27
Release (cfs)	Last 7 days	Min	156
		Max	167
		Mean	160

Lake Sonoma



Todd Schram, February 10 , 2024



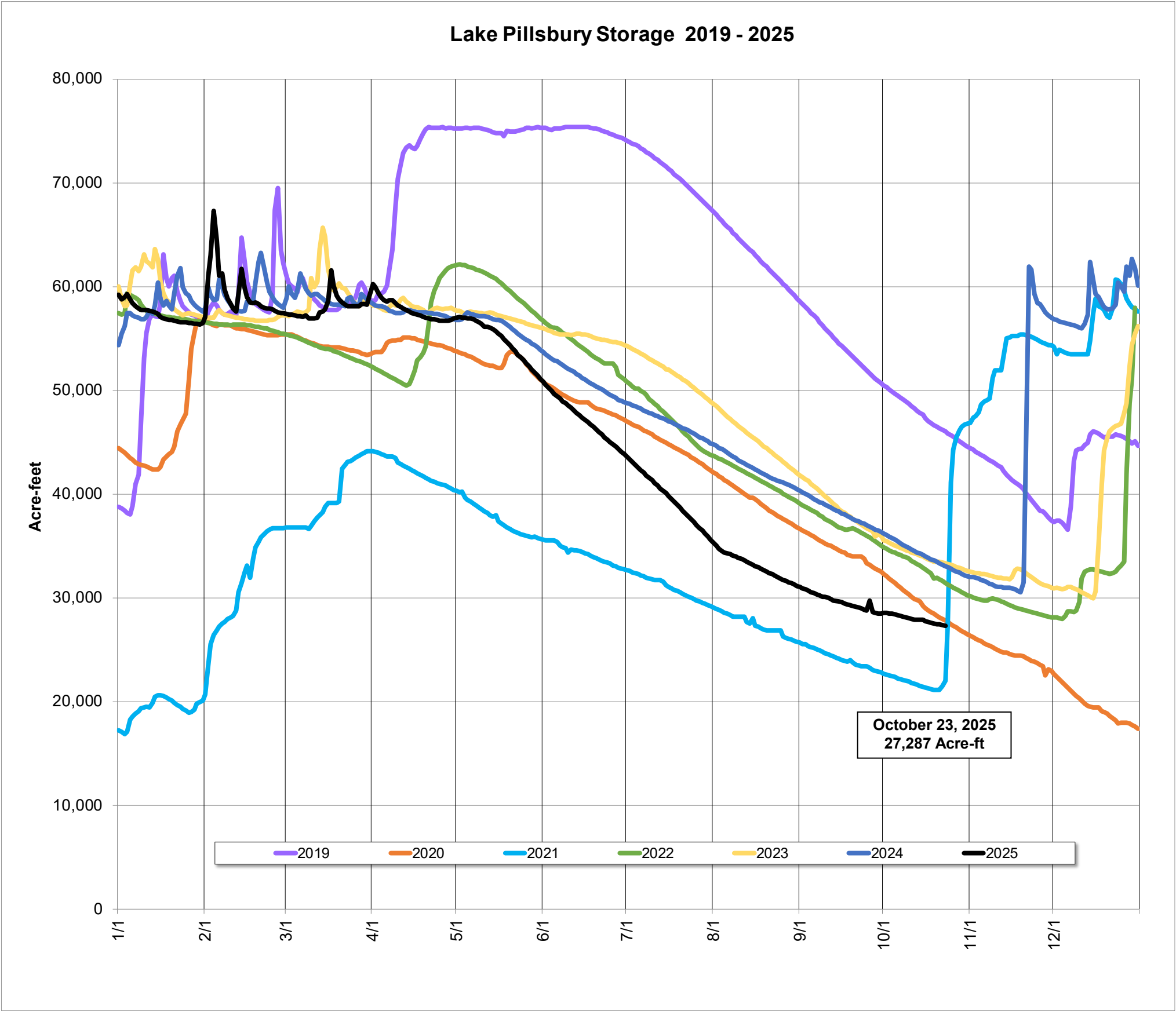
Storage (acre-feet)	October 23, 2025	224,565	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,734	-224
	Last 7 days	-1,321	-189
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	27
		Mean	8
Release (cfs)	Last 7 days	Min	109
		Max	110
		Mean	109

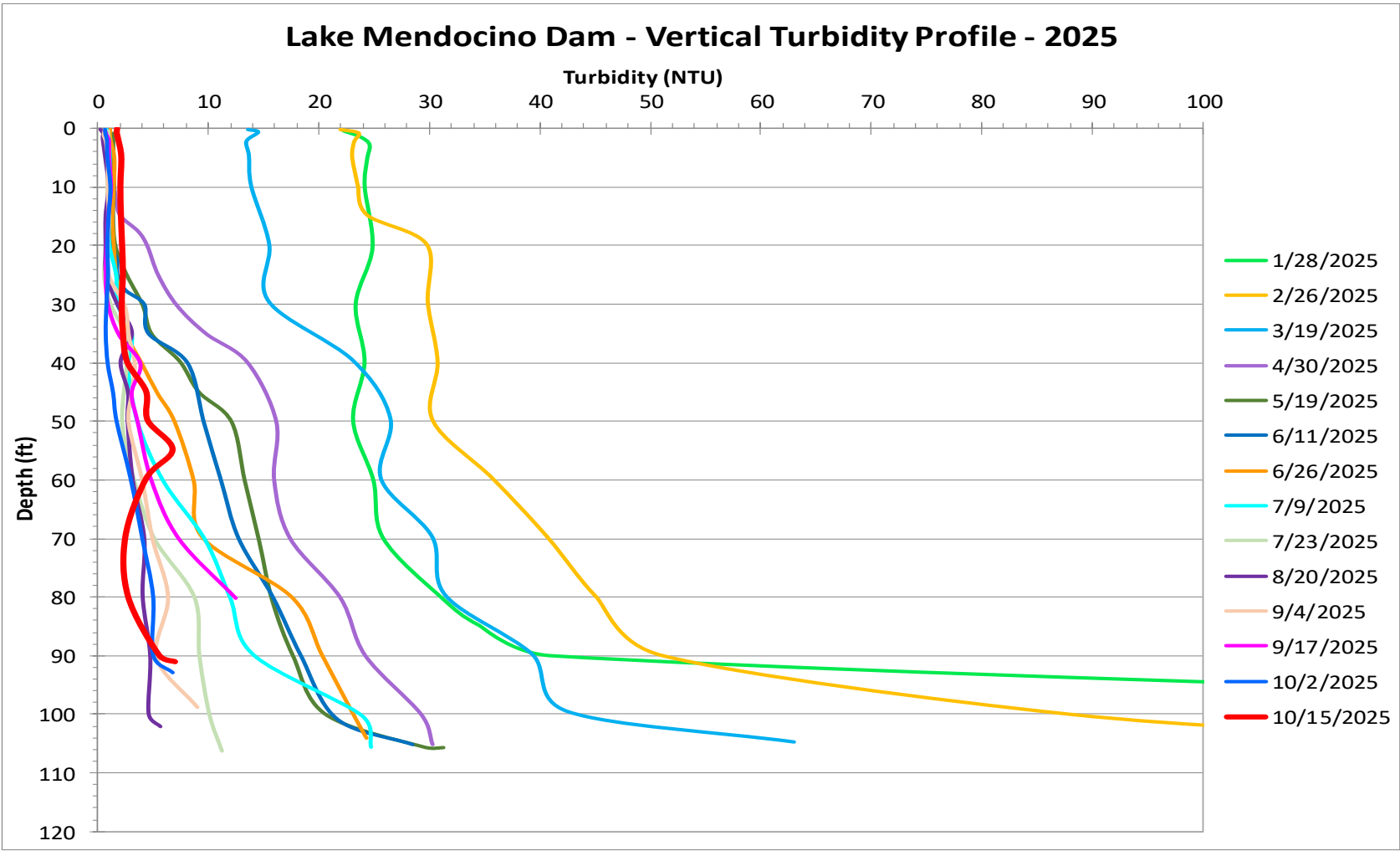
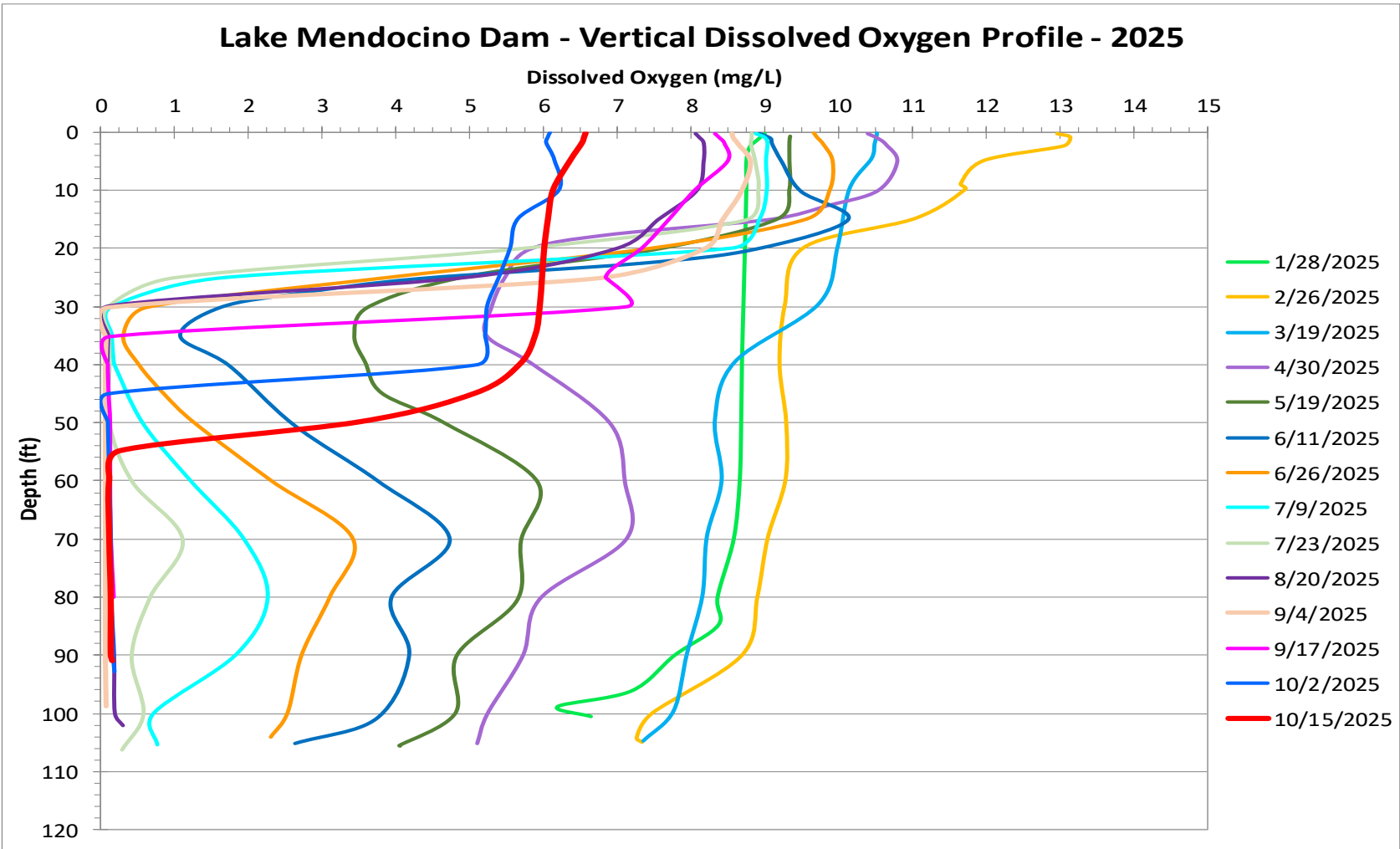
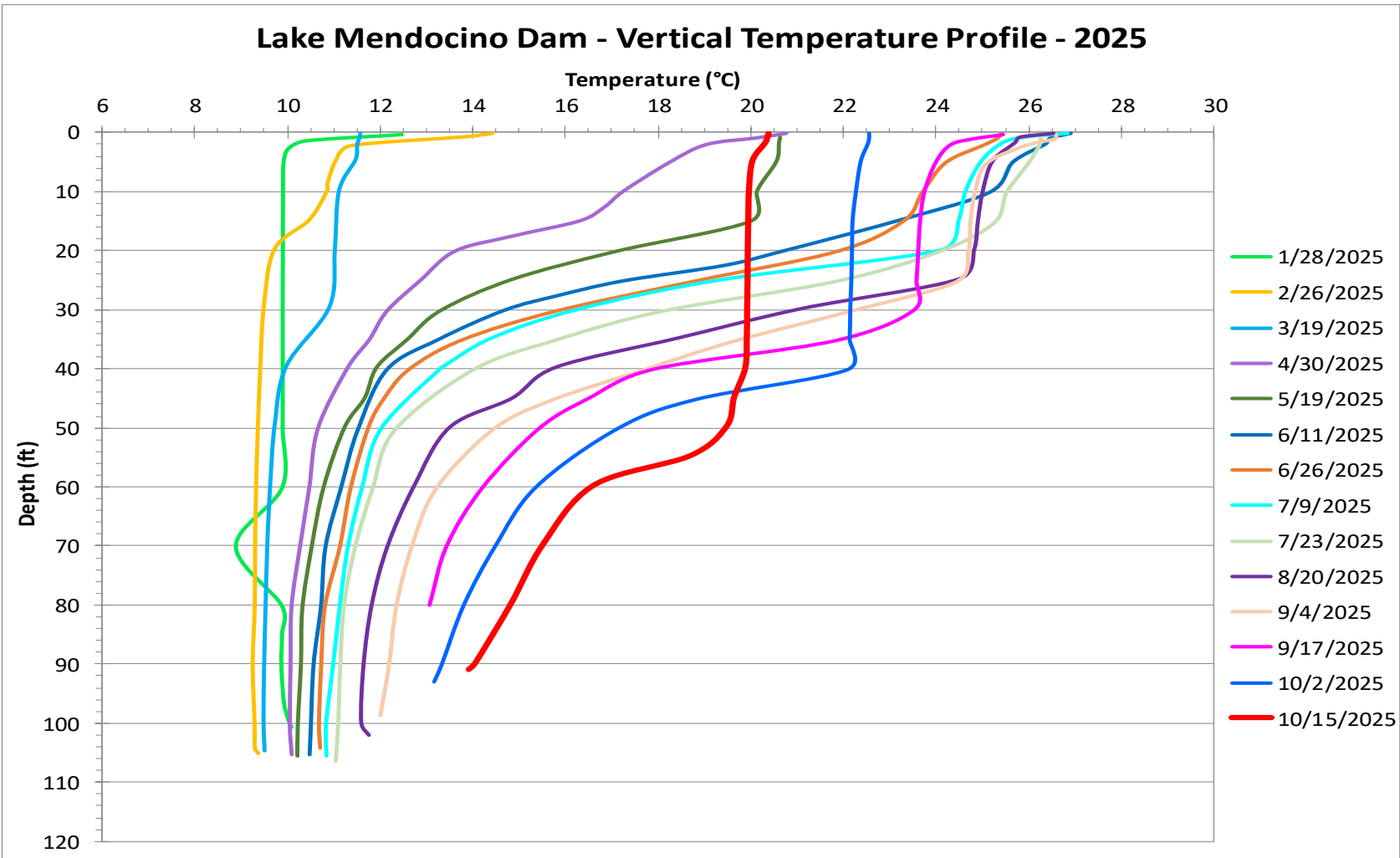
Potter Valley Project

PVP Diversion (cfs)	October 23, 2025	16
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - October 23, 2025	1,549	67
	Last 7 days	384	55

*Inflow calculation based on criteria established in D1610

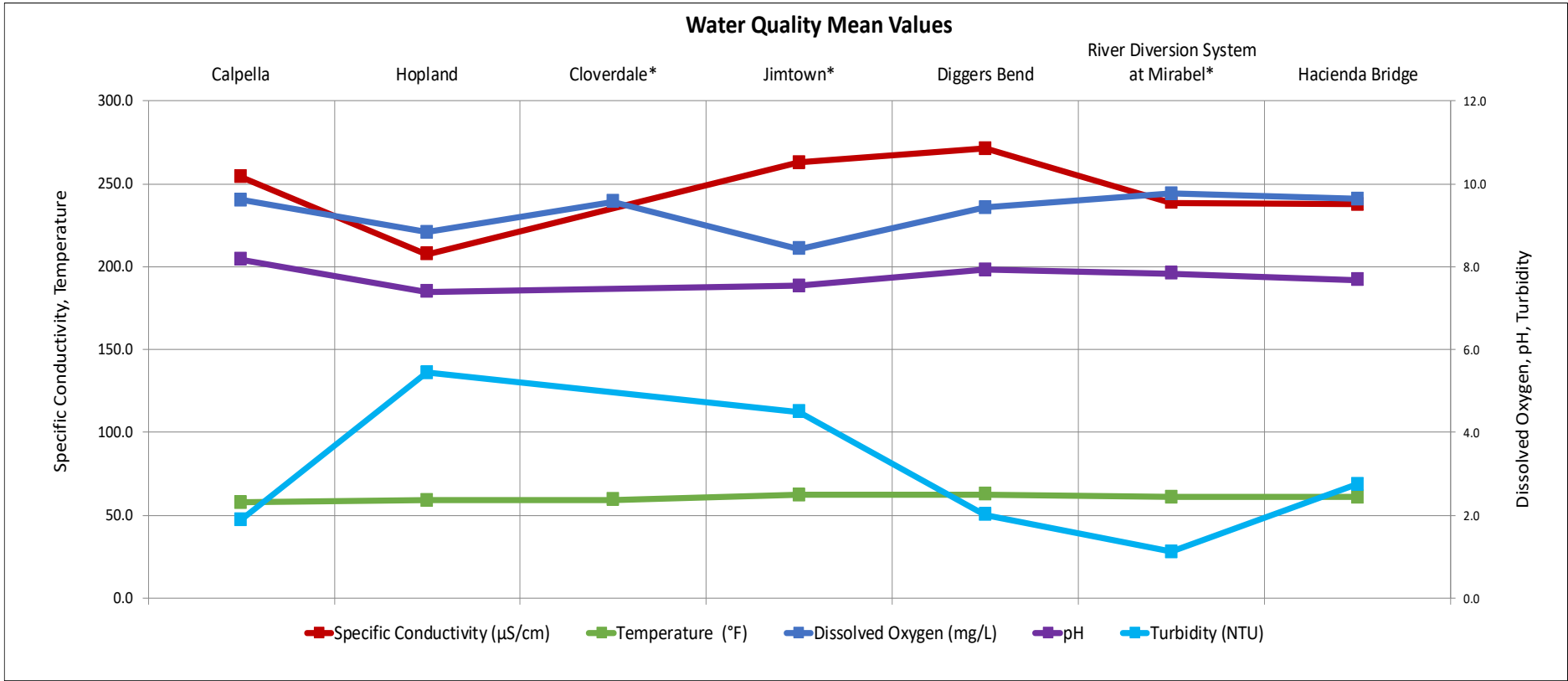




Russian River Flows (October 17, 2025 - October 23, 2025)

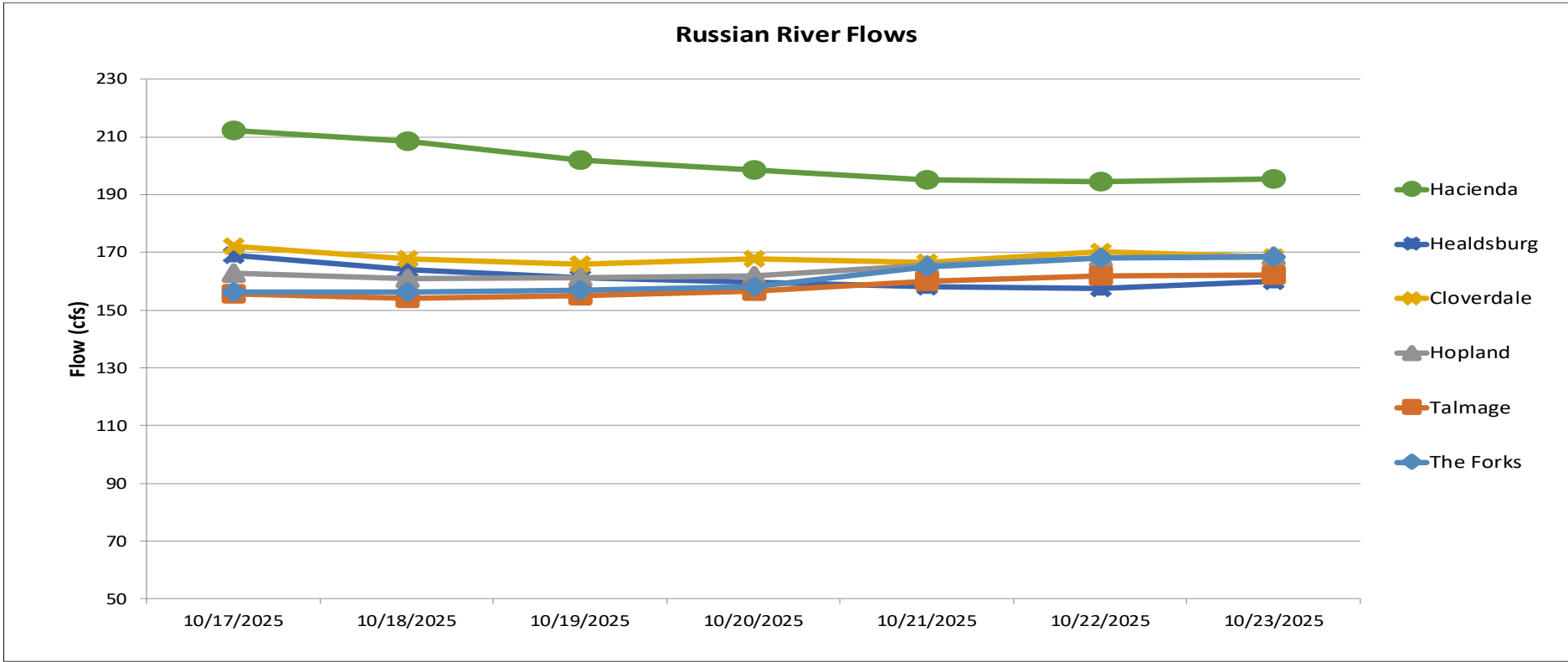
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	54.9	57.2	57.2	59.9	59.5	59.1	58.3	
	Max	59.5	60.3	61.5	64.4	64.9	61.9	63.1	
	Mean	57.6	58.9	59.1	62.1	62.5	60.8	60.9	
Specific Conductivity (µS/cm)	Min	243.0	206.0		259.0	268.0	236.1	235.0	
	Max	258.0	210.0		265.0	274.0	240.5	243.0	
	Mean	254.3	207.7		262.9	271.4	238.7	237.8	
Dissolved Oxygen (mg/L)	Min	9.2	8.4	9.0	7.6	8.0	9.2	8.7	
	Max	10.3	9.3	10.7	9.6	11.5	10.2	10.8	
	Mean	9.6	8.8	9.6	8.4	9.4	9.8	9.6	
Dissolved Oxygen (% Saturation)	Min	89.6	84.0	88.9	78.0	82.8	93.5	86.1	
	Max	101.3	92.6	108.3	101.0	121.7	103.2	112.0	
	Mean	93.7	87.6	95.2	86.8	97.5	99.0	98.0	
pH	Min	8.1	7.4		7.4	7.6	7.8	7.4	
	Max	8.3	7.4		7.6	8.5	7.9	8.0	
	Mean	8.2	7.4		7.5	7.9	7.8	7.7	
Turbidity (NTU)	Min	1.2	4.0		3.0	1.4	0.8	1.9	
	Max	3.7	7.1		7.7	3.0	3.7	4.2	
	Mean	1.9	5.4		4.5	2.0	1.1	2.7	

*Station operated seasonally



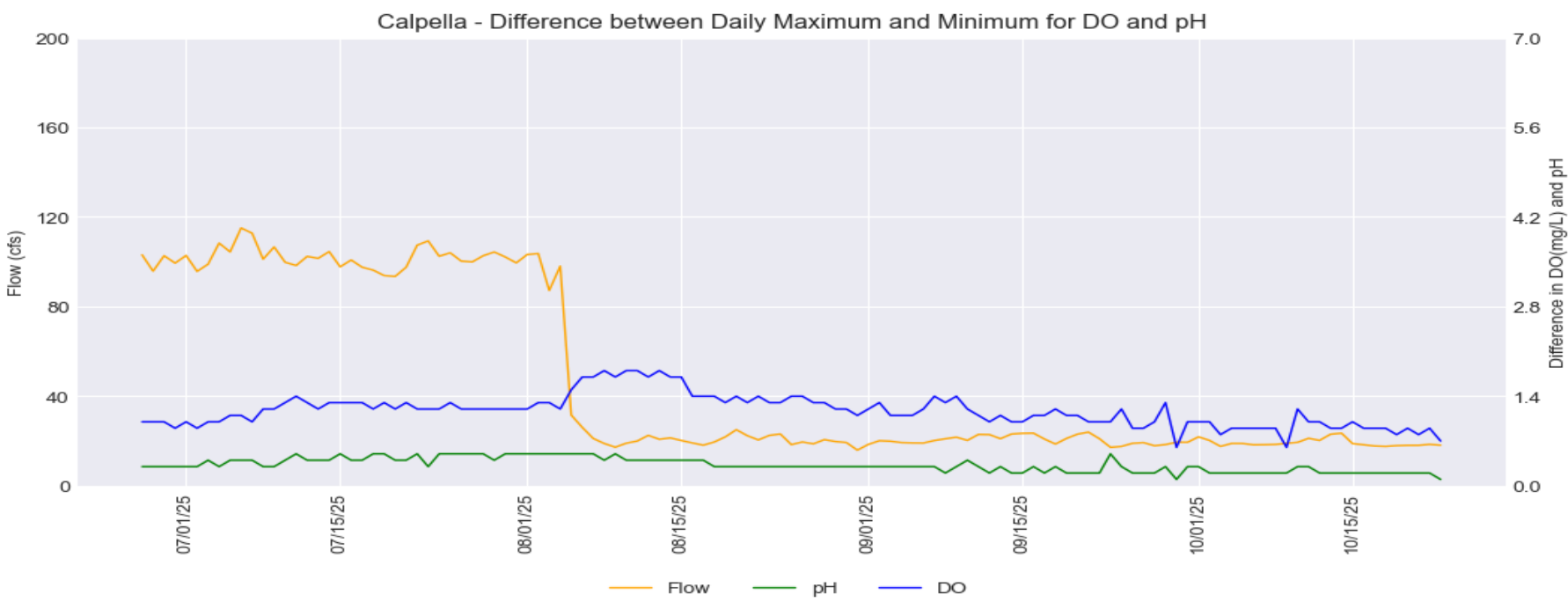
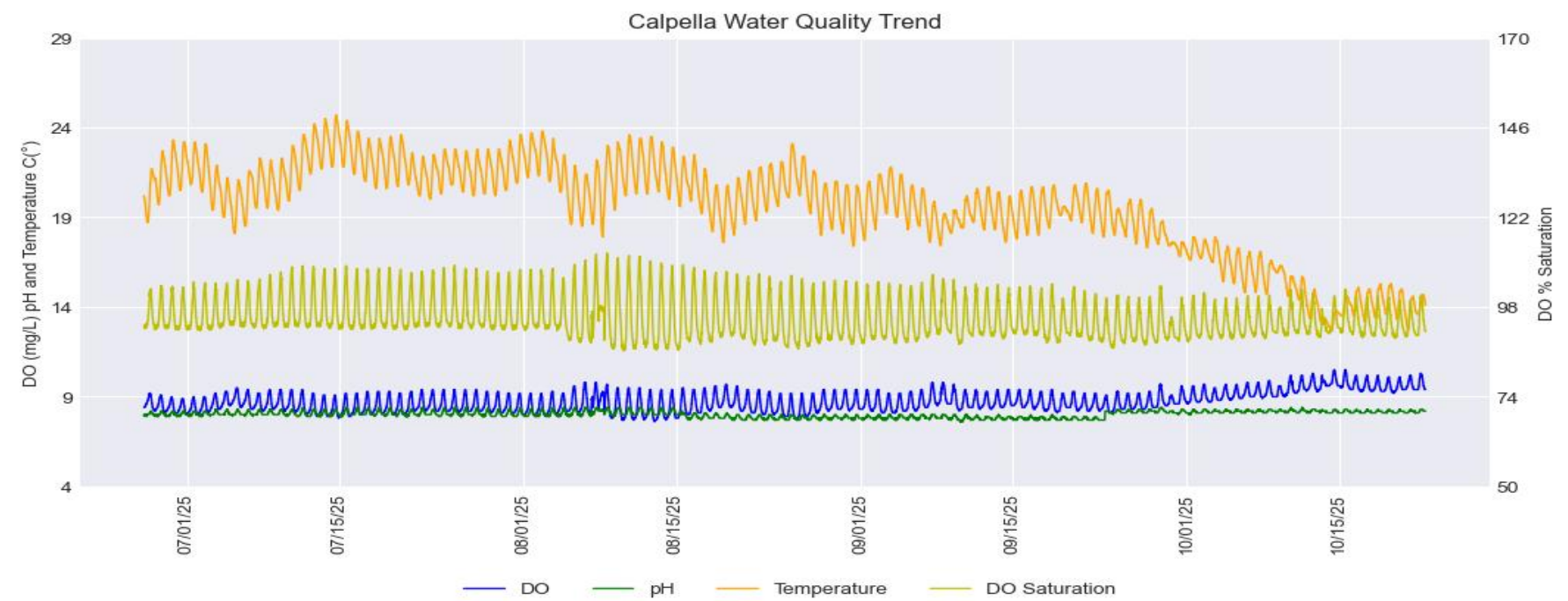
Gage	24-hr Average Flow (cfs)						
	Oct 17, 2025	Oct 18, 2025	Oct 19, 2025	Oct 20, 2025	Oct 21, 2025	Oct 22, 2025	Oct 23, 2025
The Forks*	156	156	157	158	165	168	168
Talmage USGS 11462080	156	154	155	156	160	162	162
Hopland USGS 11462500	163	161	161	162	166	168	169
Cloverdale USGS 11463000	172	168	166	168	166	170	168
Healdsburg USGS 11464000	169	164	161	160	158	157	160
Hacienda USGS 11467000	212	209	202	199	195	195	195

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

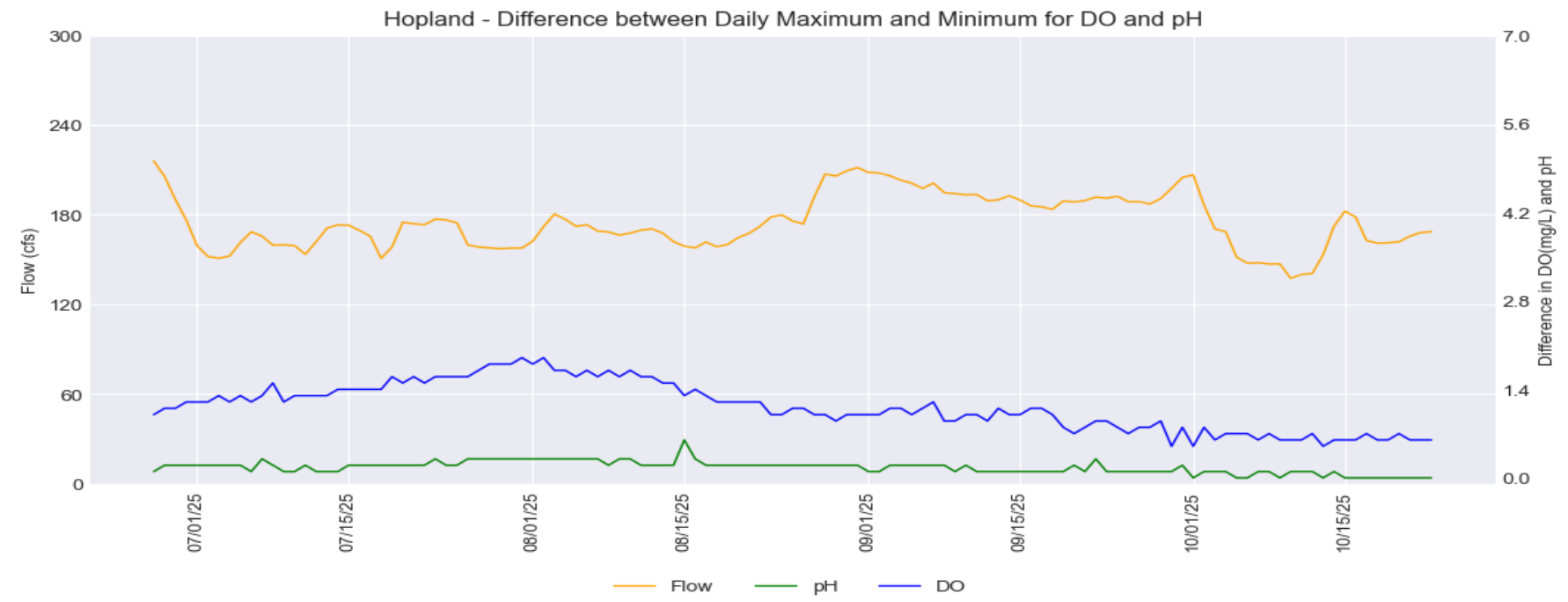
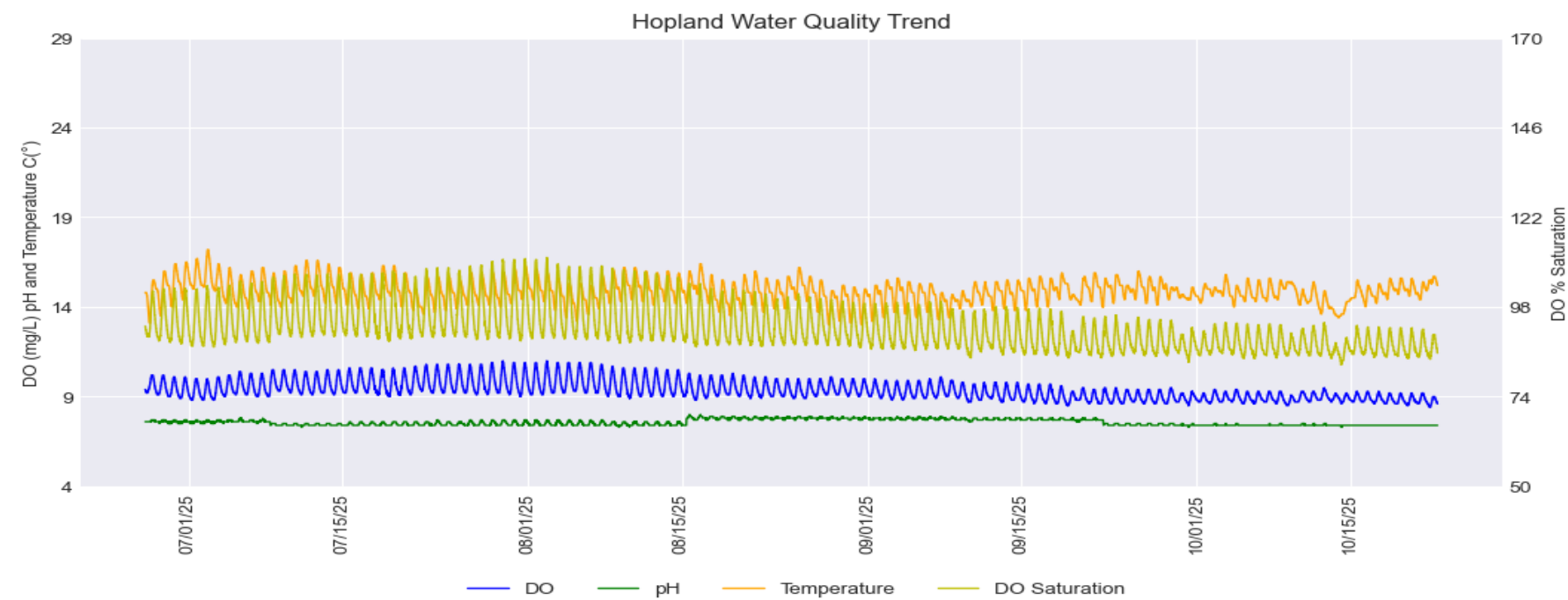


Russian River Water Quality June 27, 2025 – October 23, 2025
Provisional Data Subject to Revision

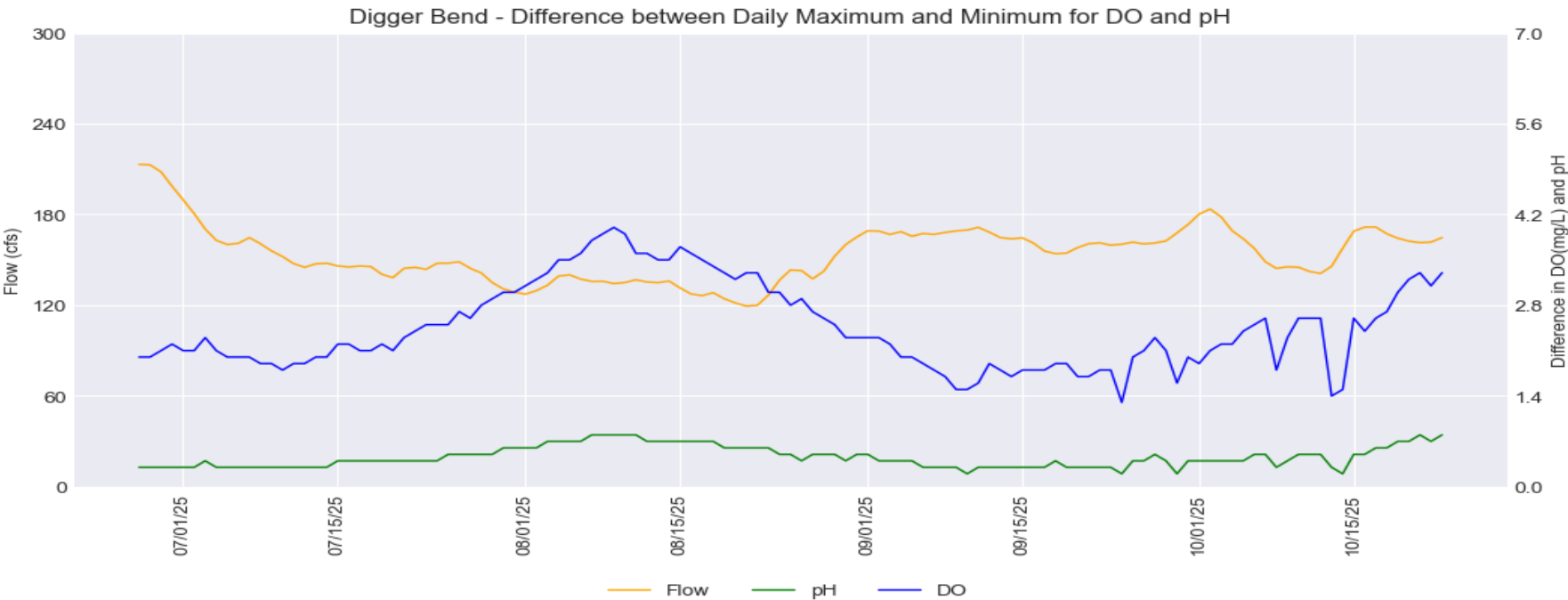
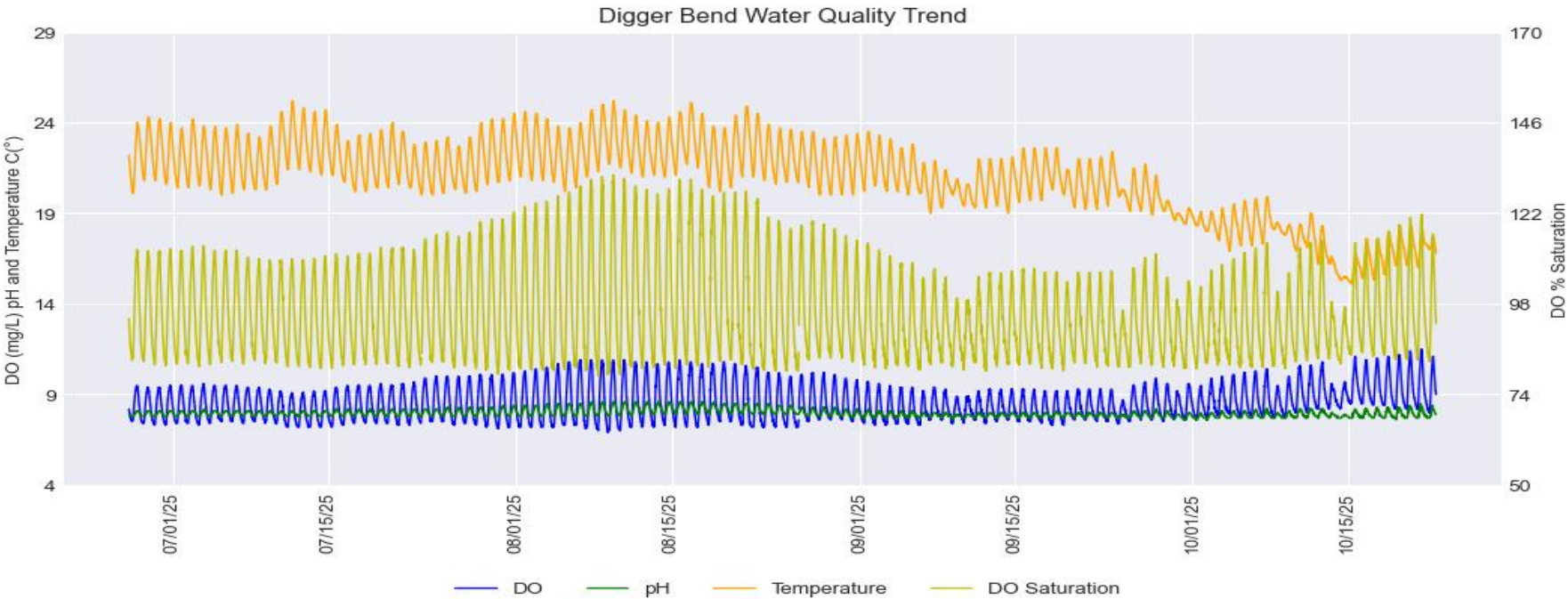
Calpella



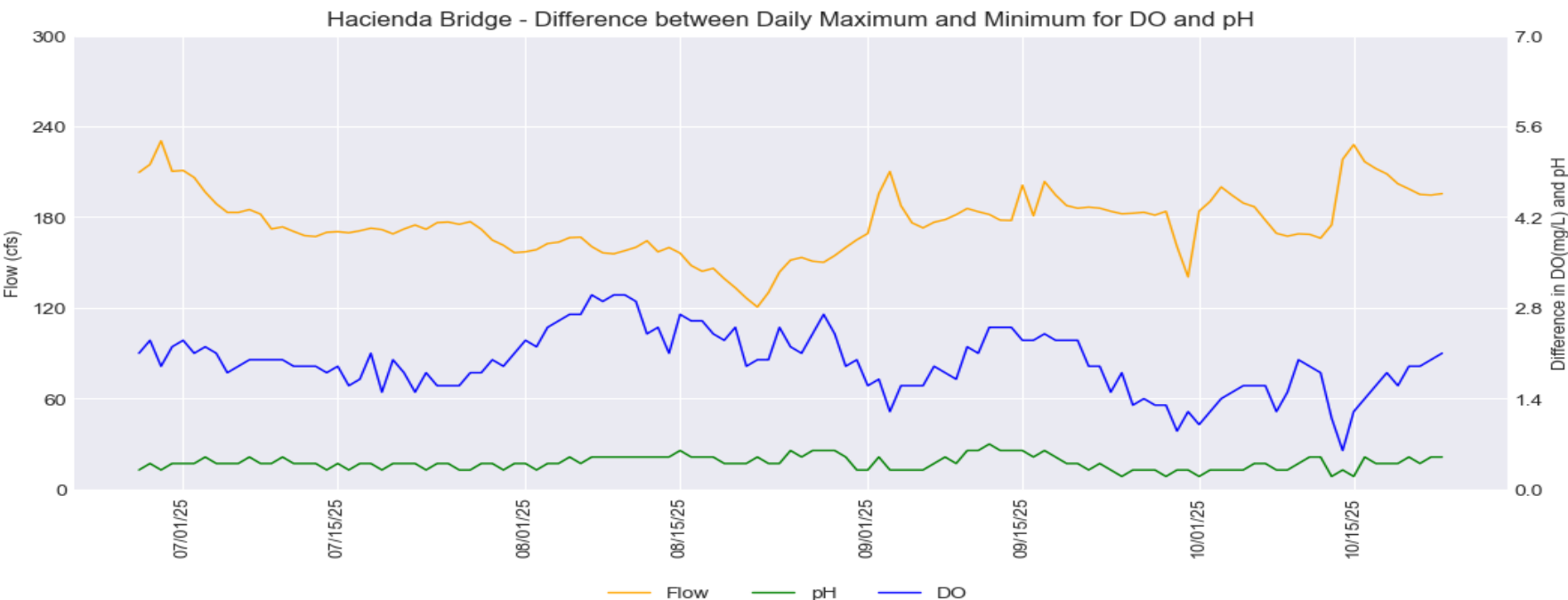
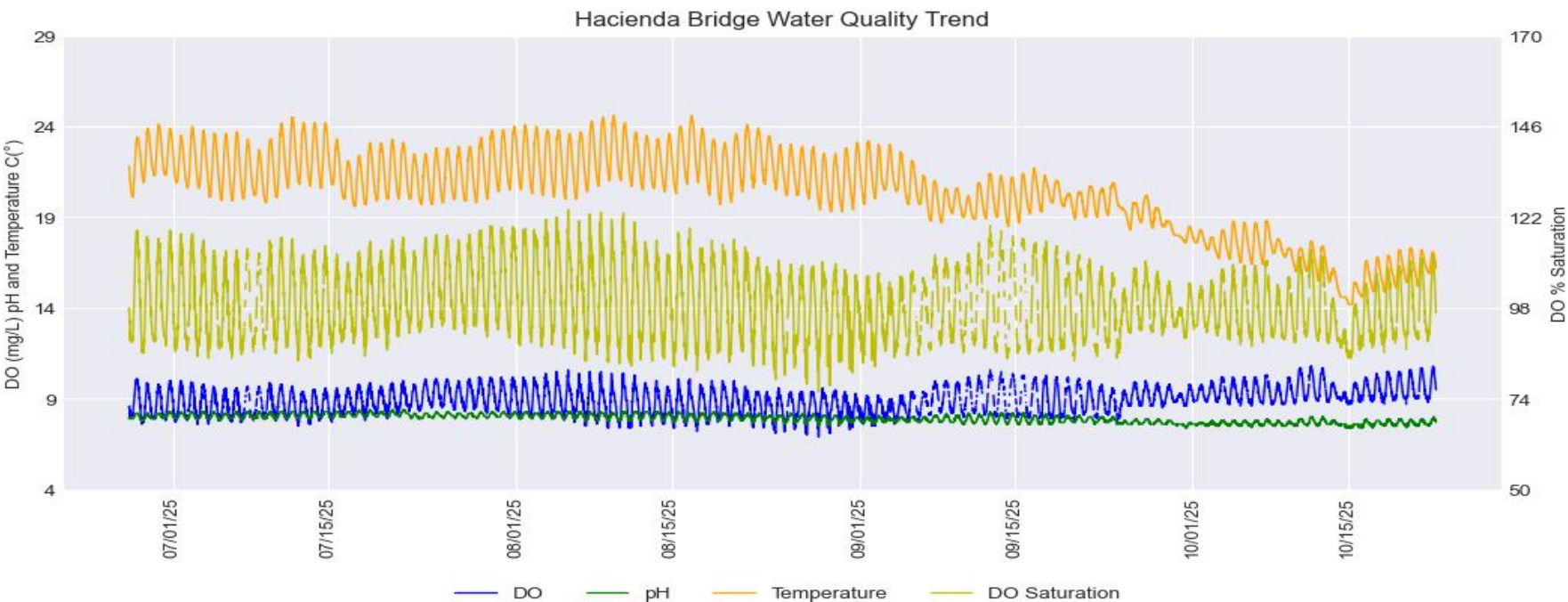
Hopland



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Digger Bend

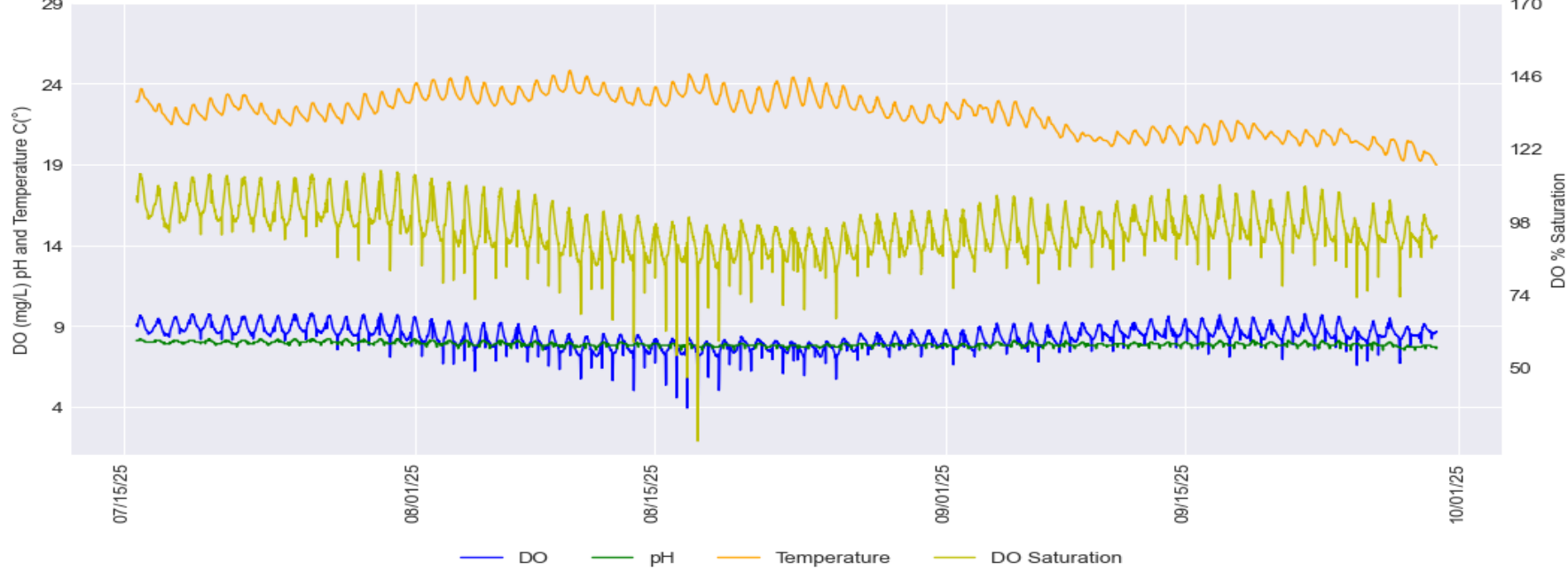


Hacienda Bridge

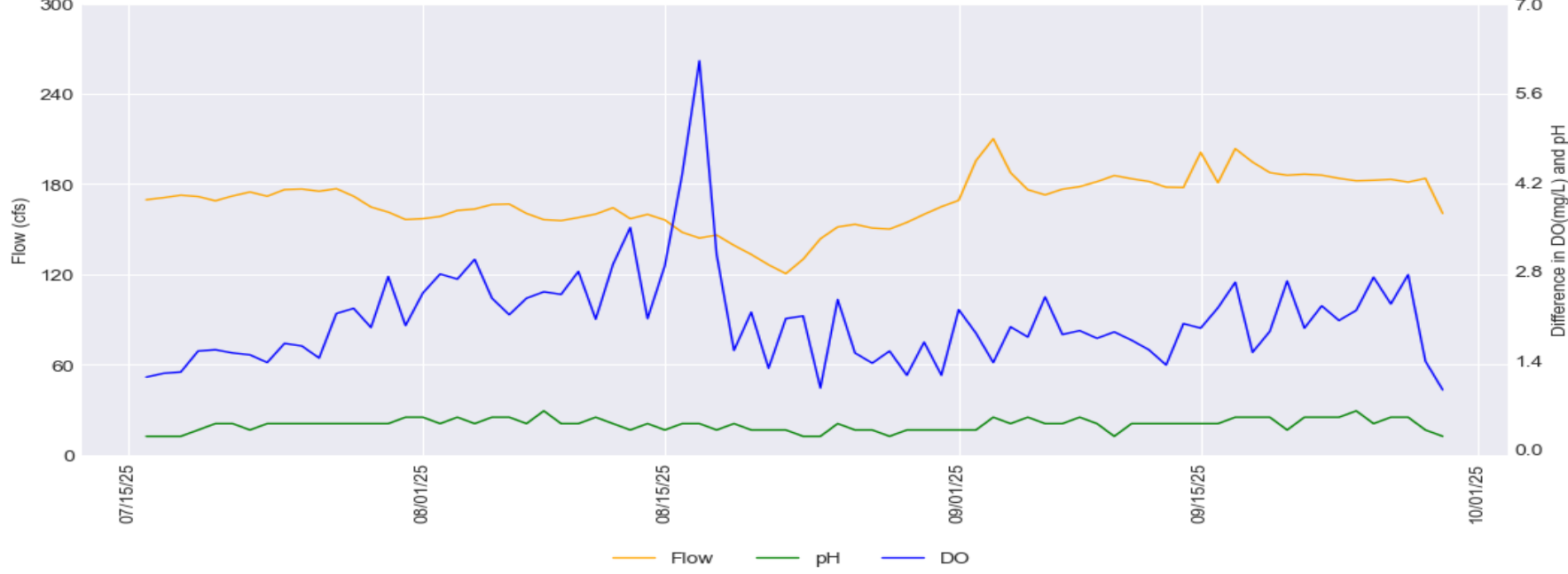


Russian River Water Quality June 27, 2025 – October 23, 2025
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Johnsons Beach

Johnsons Beach Water Quality Trend

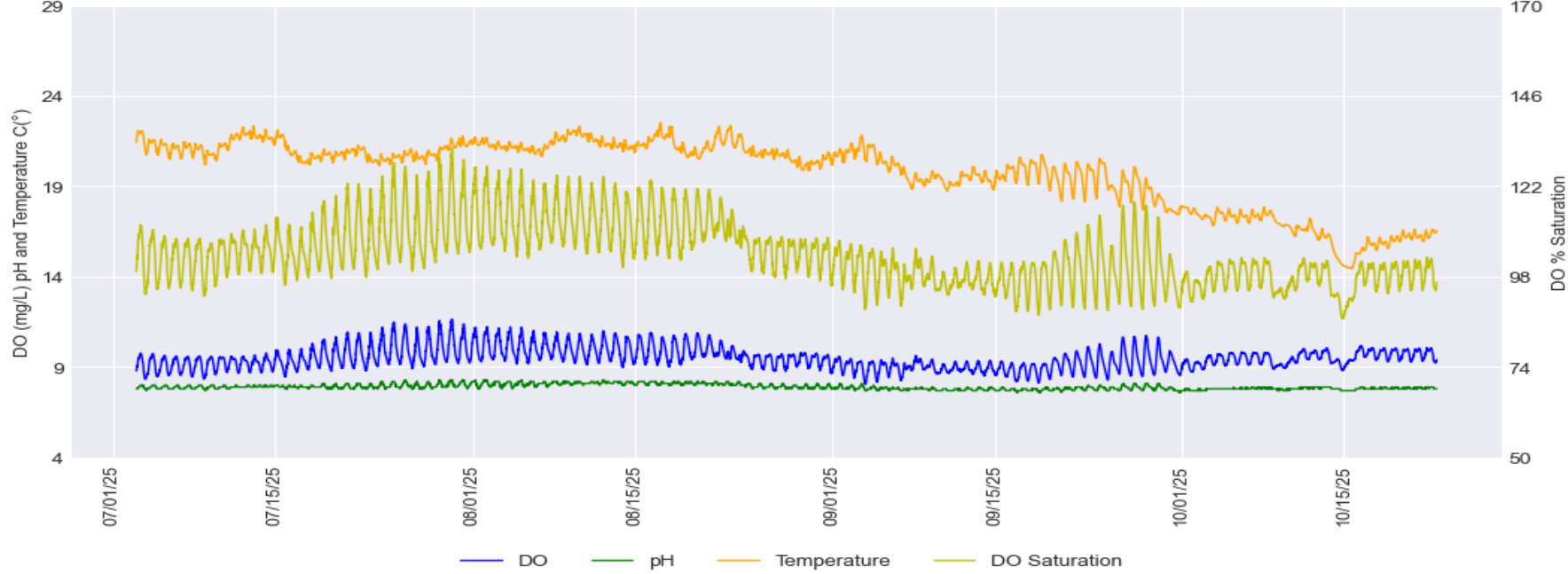


Johnsons Beach - Difference between Daily Maximum and Minimum for DO and pH

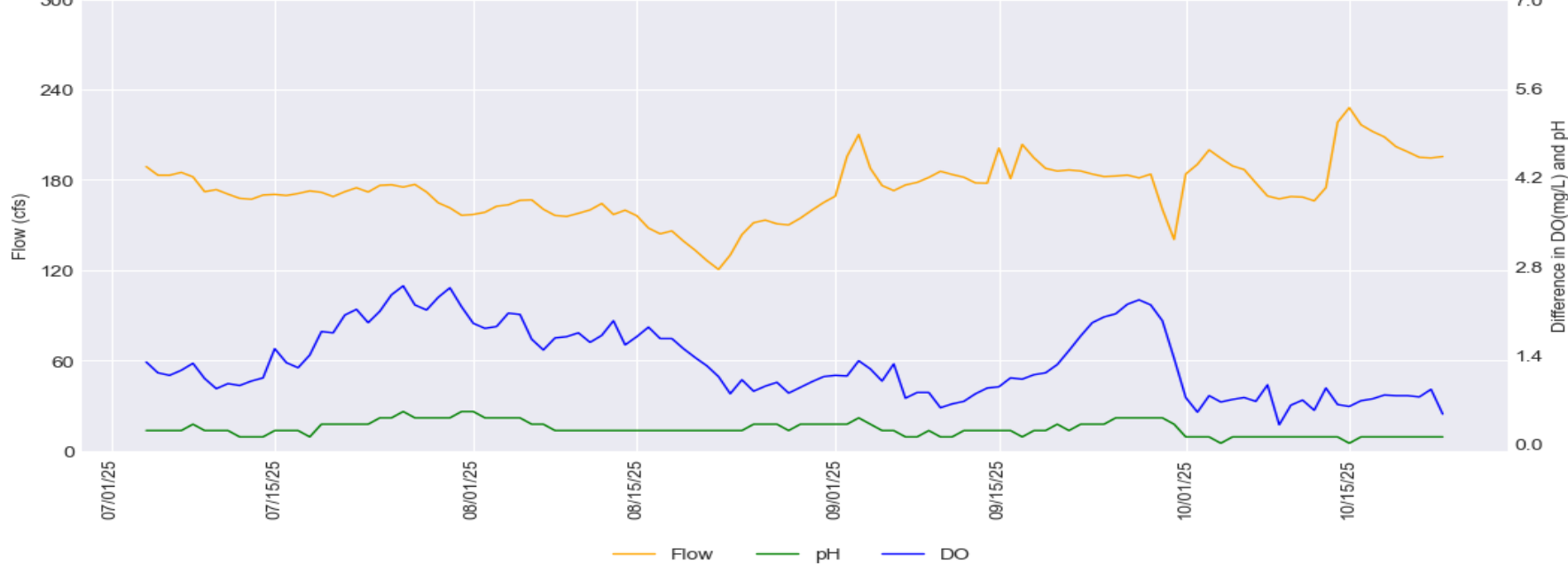


River Diversion System at Mirabel

River Diversion System Water Quality Trend

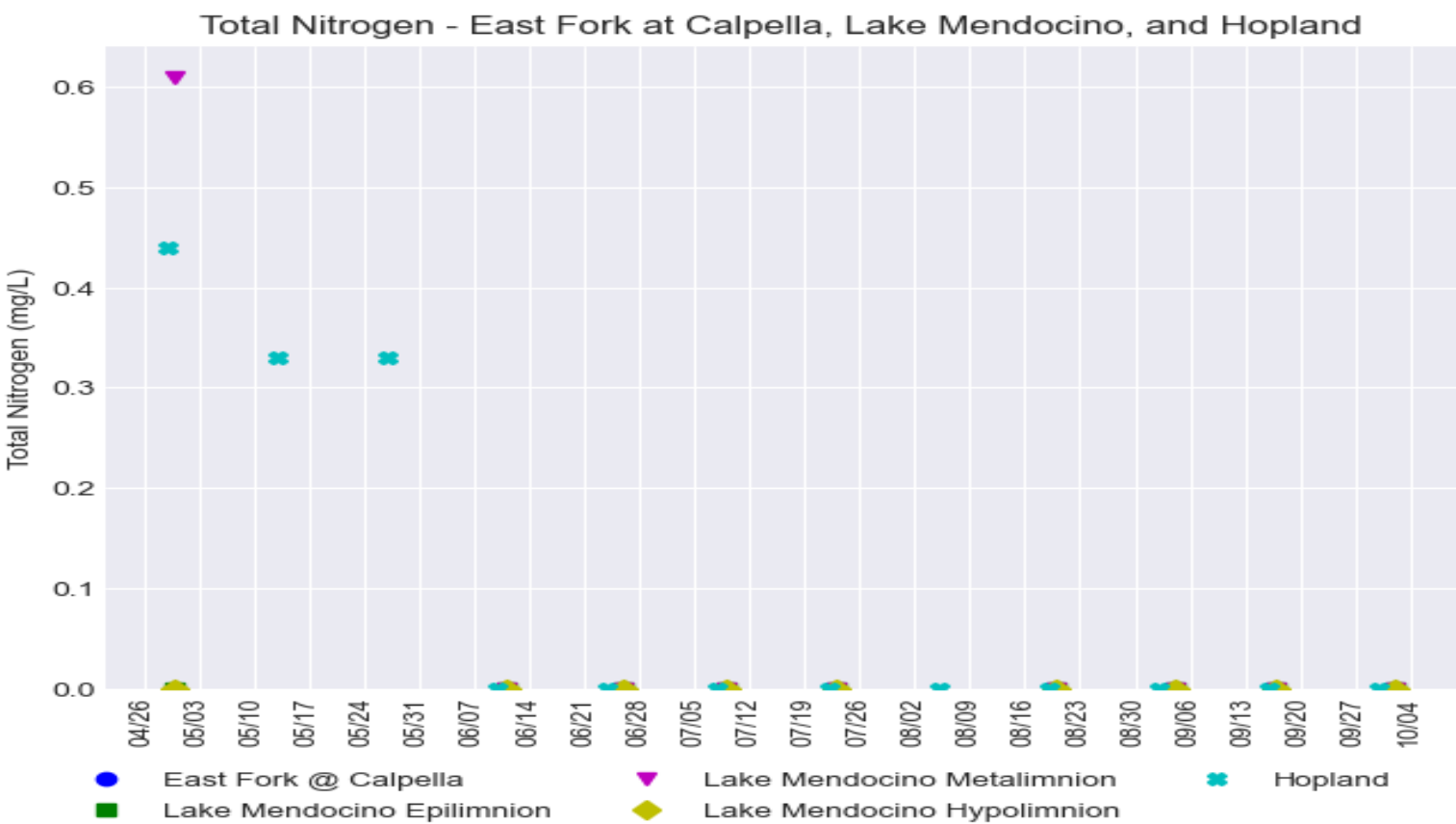
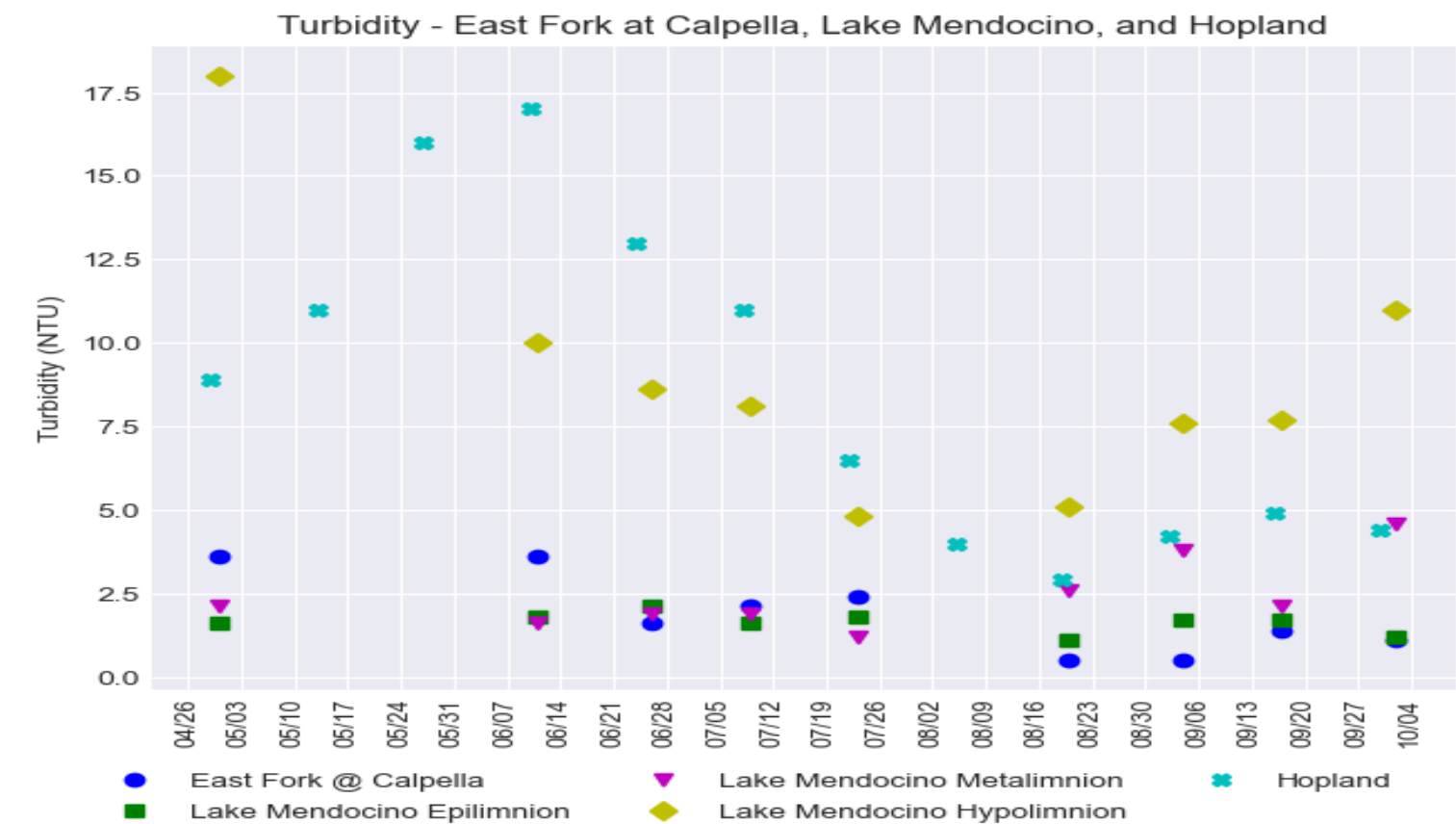
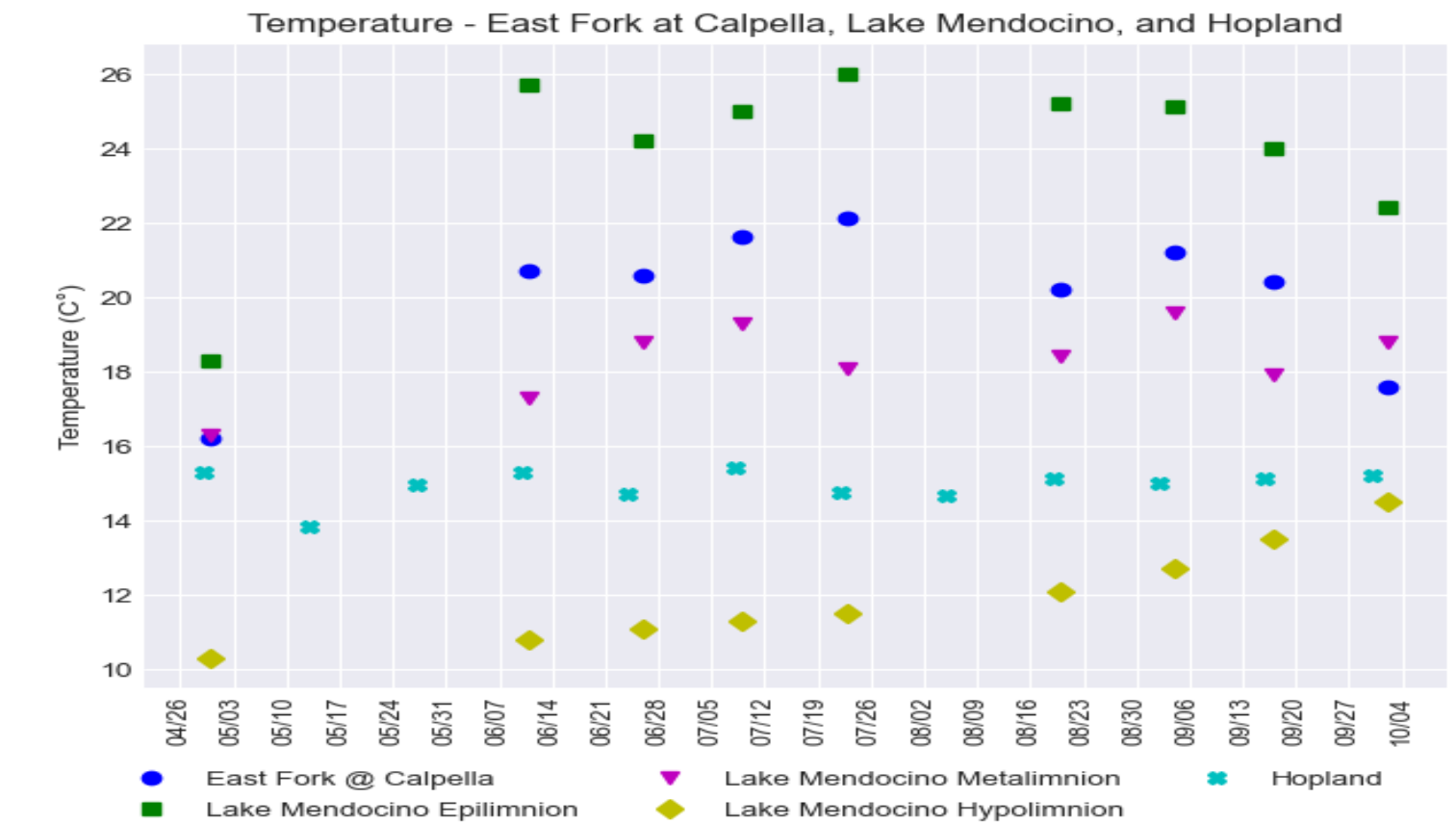


River Diversion System - Difference between Daily Maximum and Minimum for DO and pH

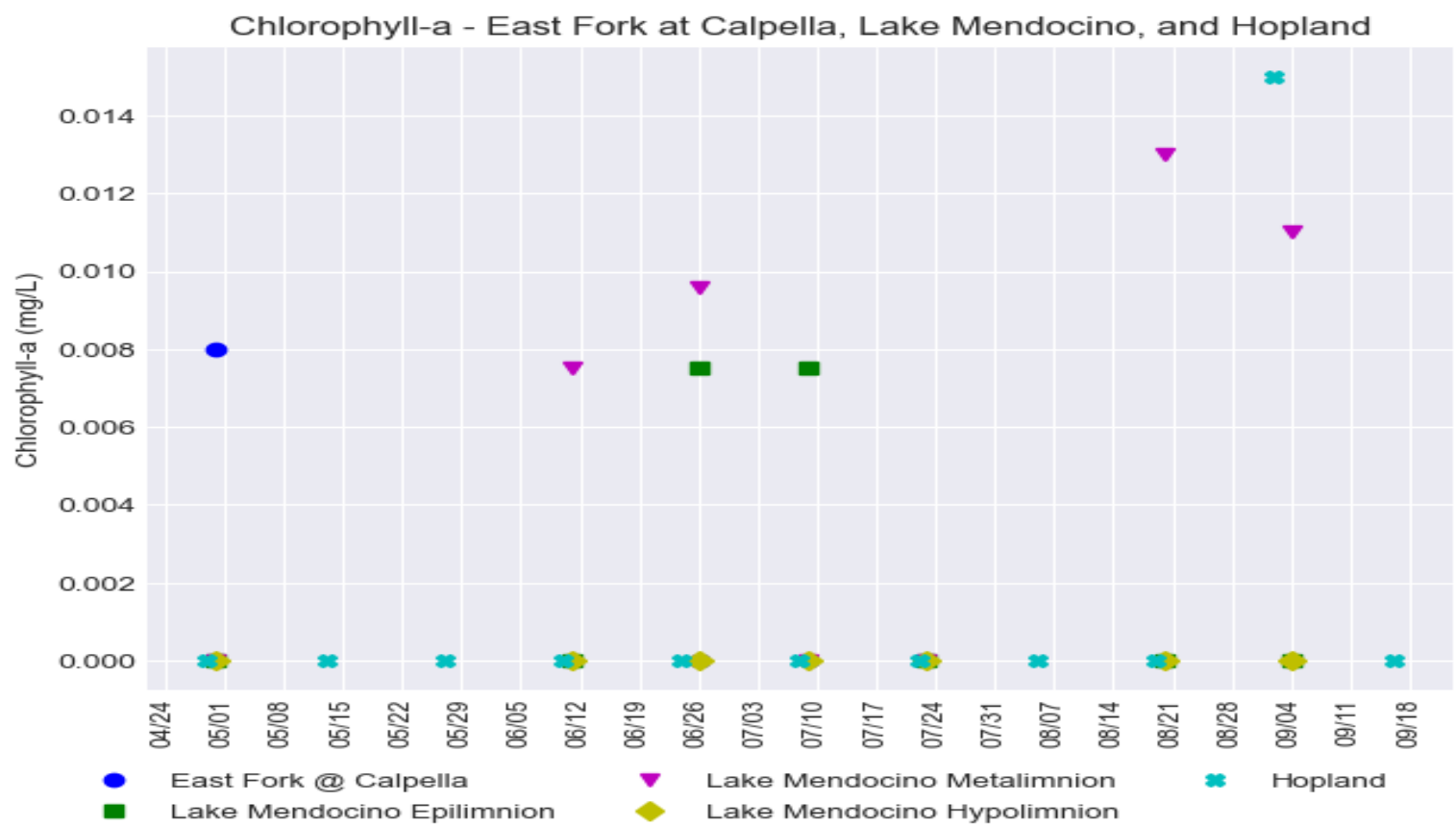
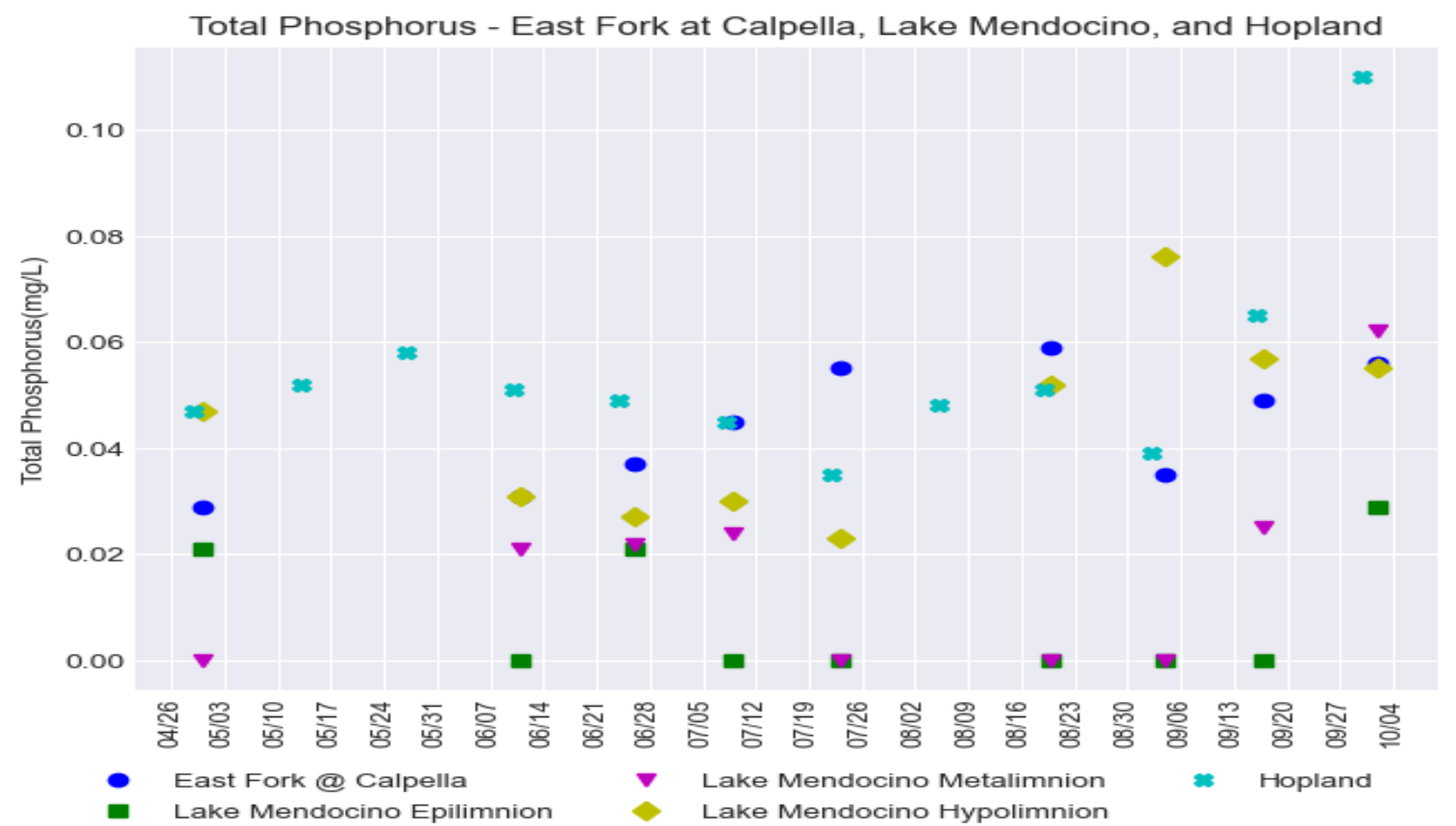


Russian River Water Quality Grab Samples

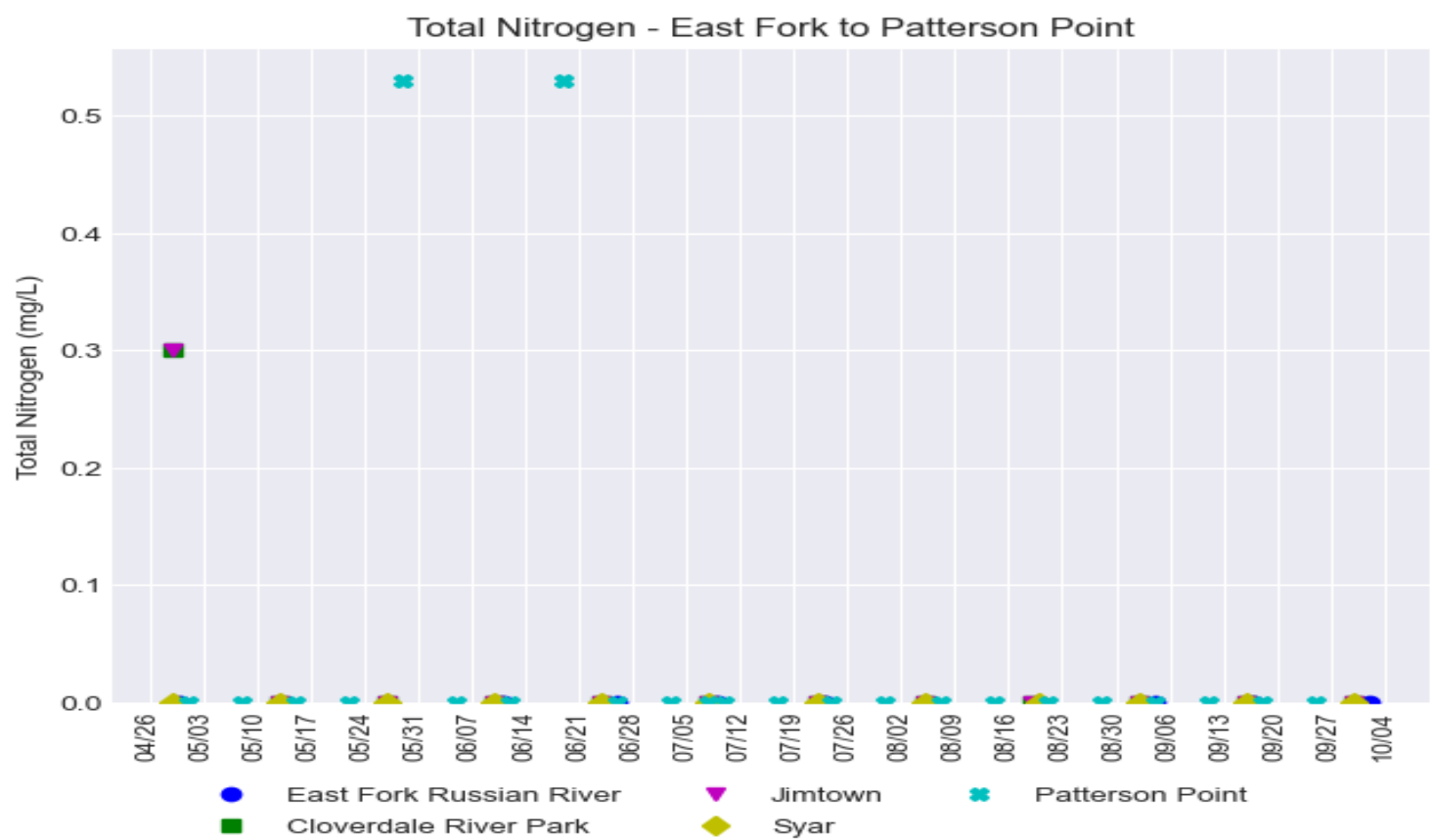
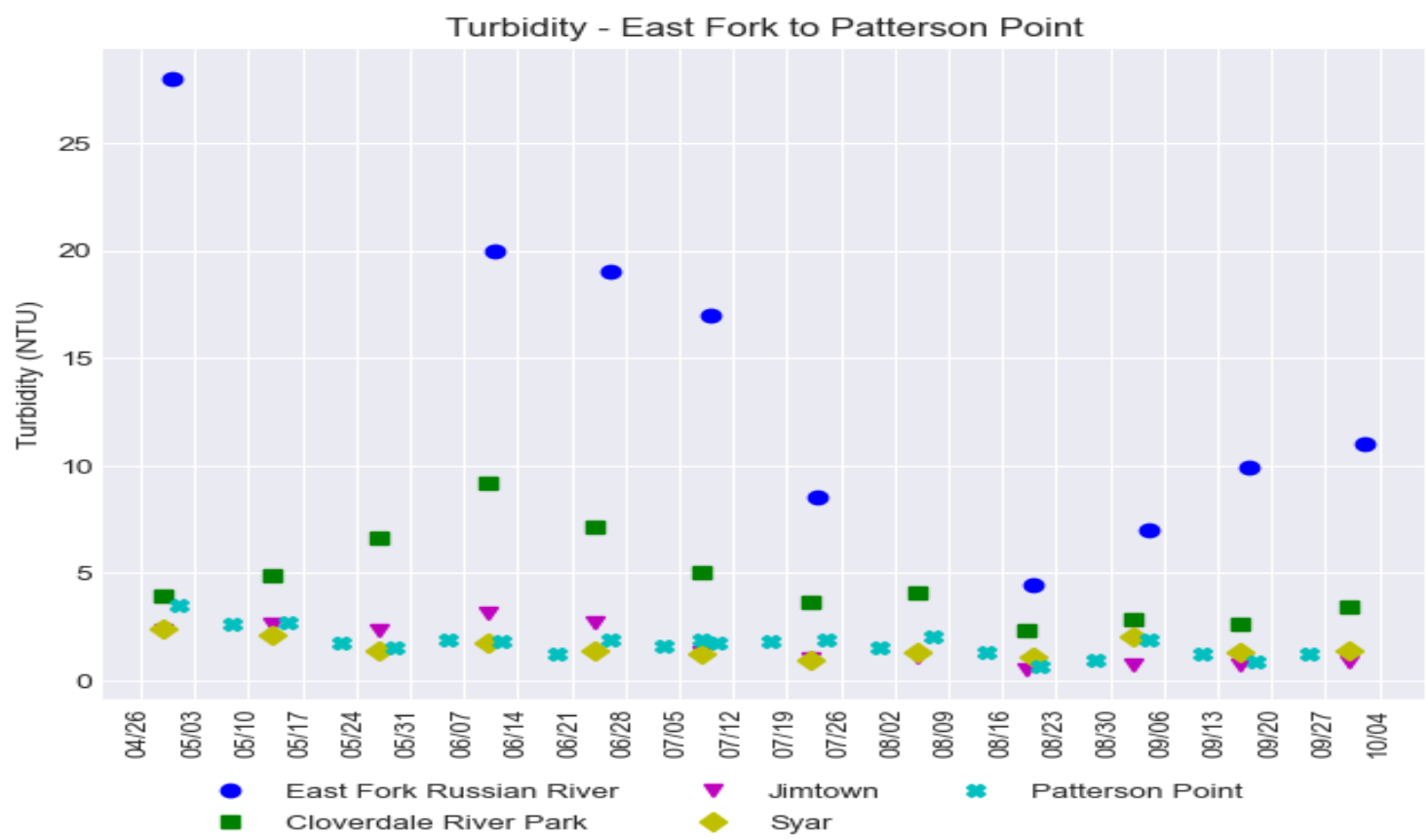
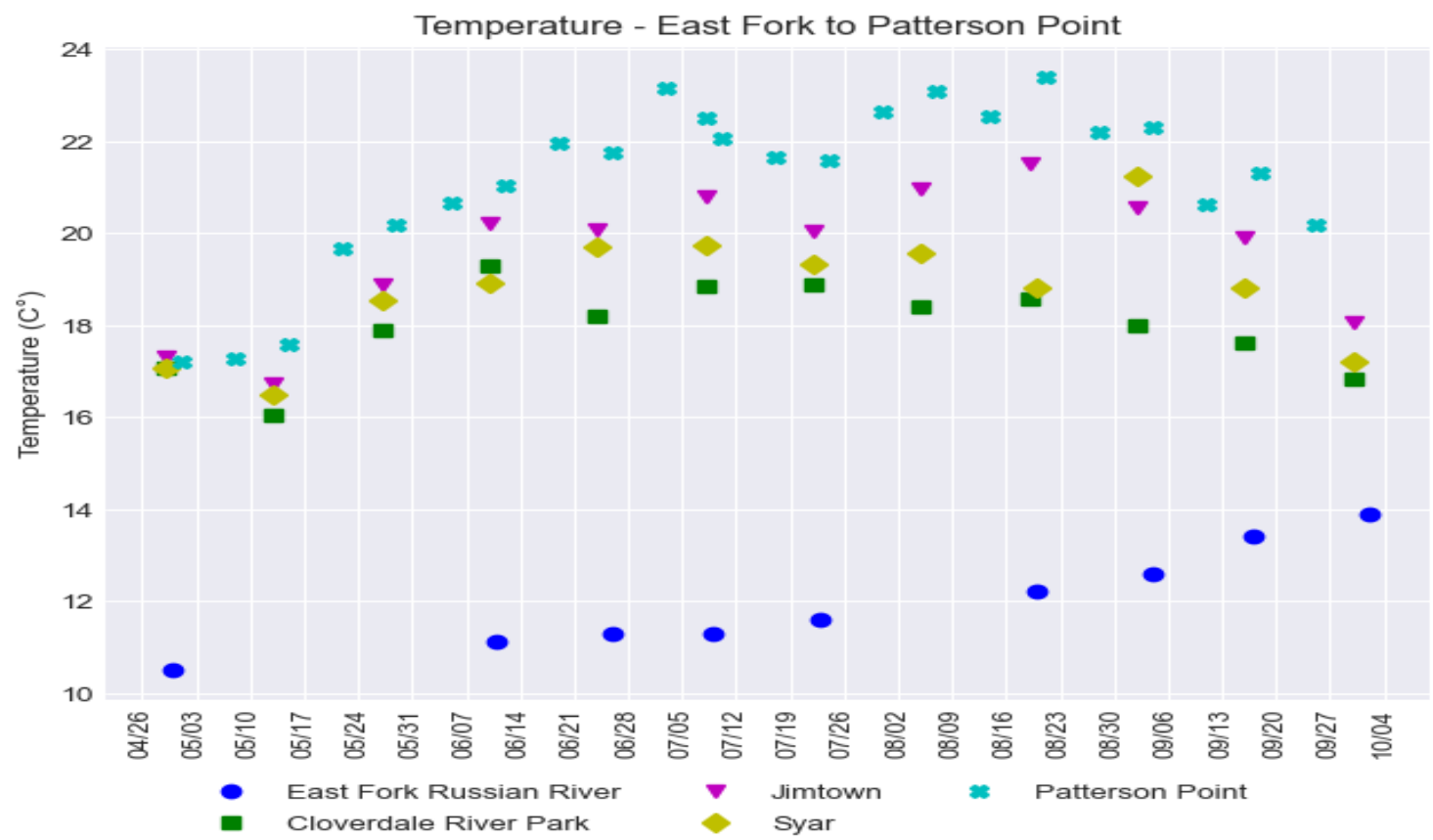
Provisional Data Subject to Revision



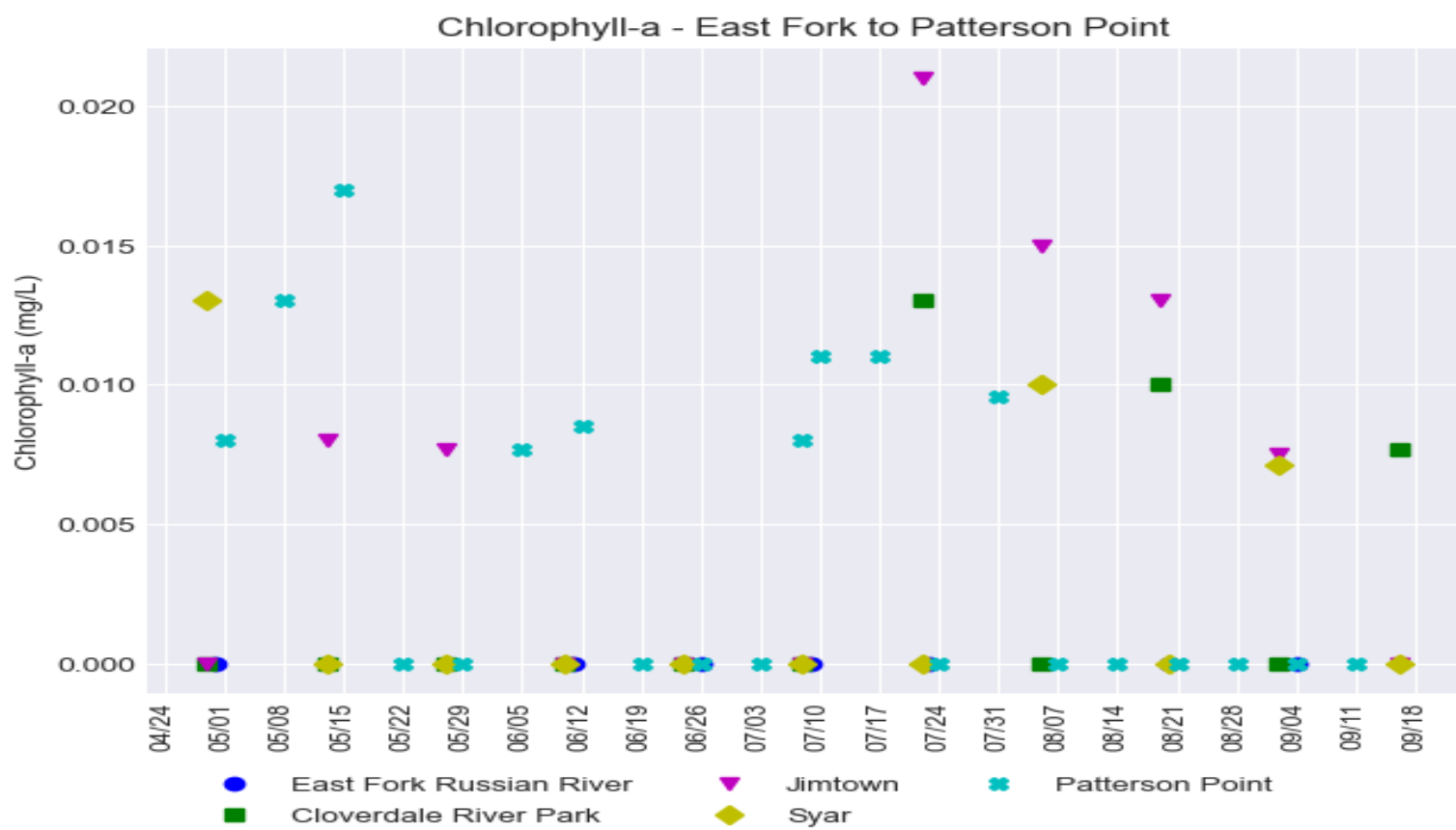
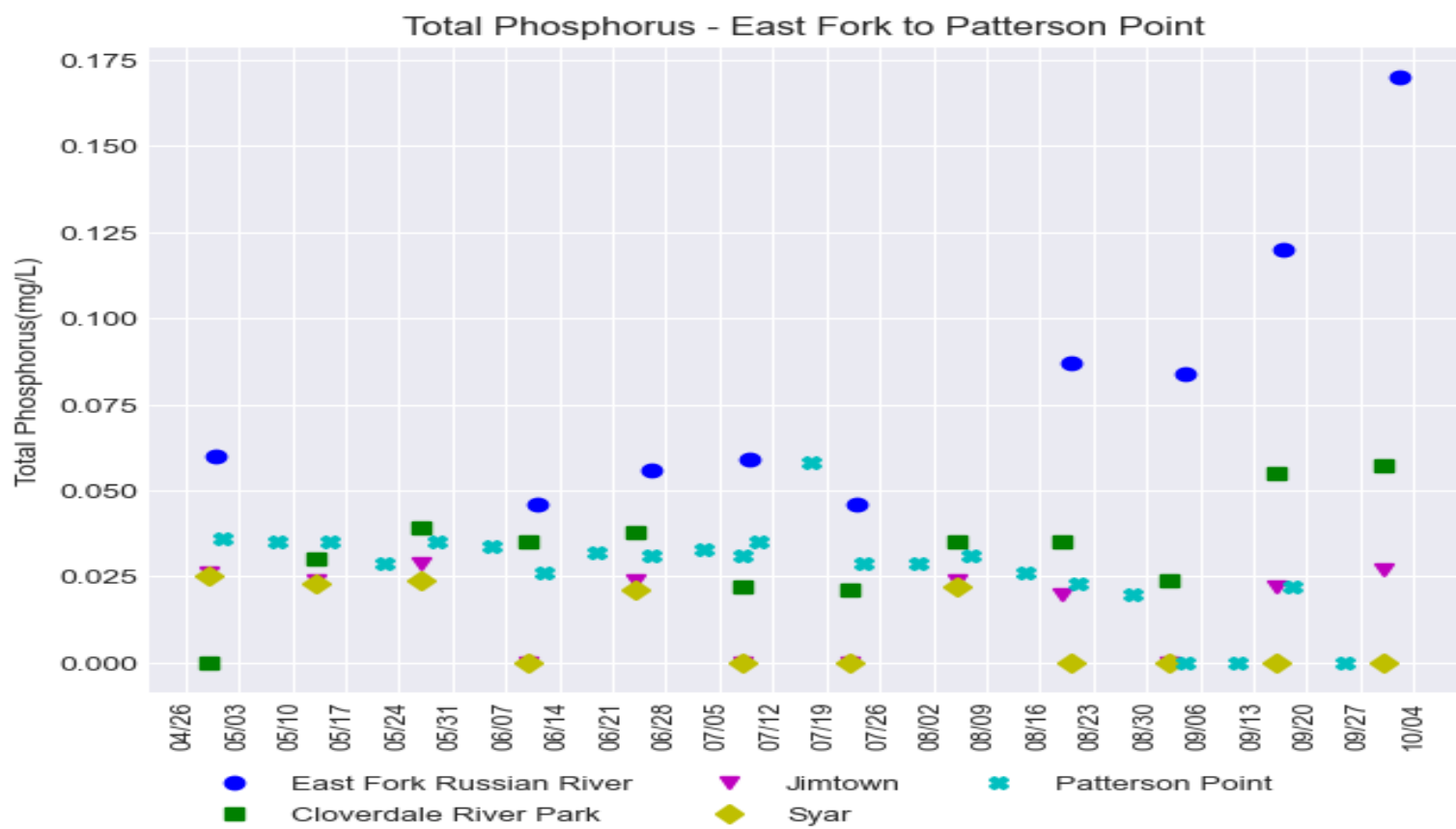
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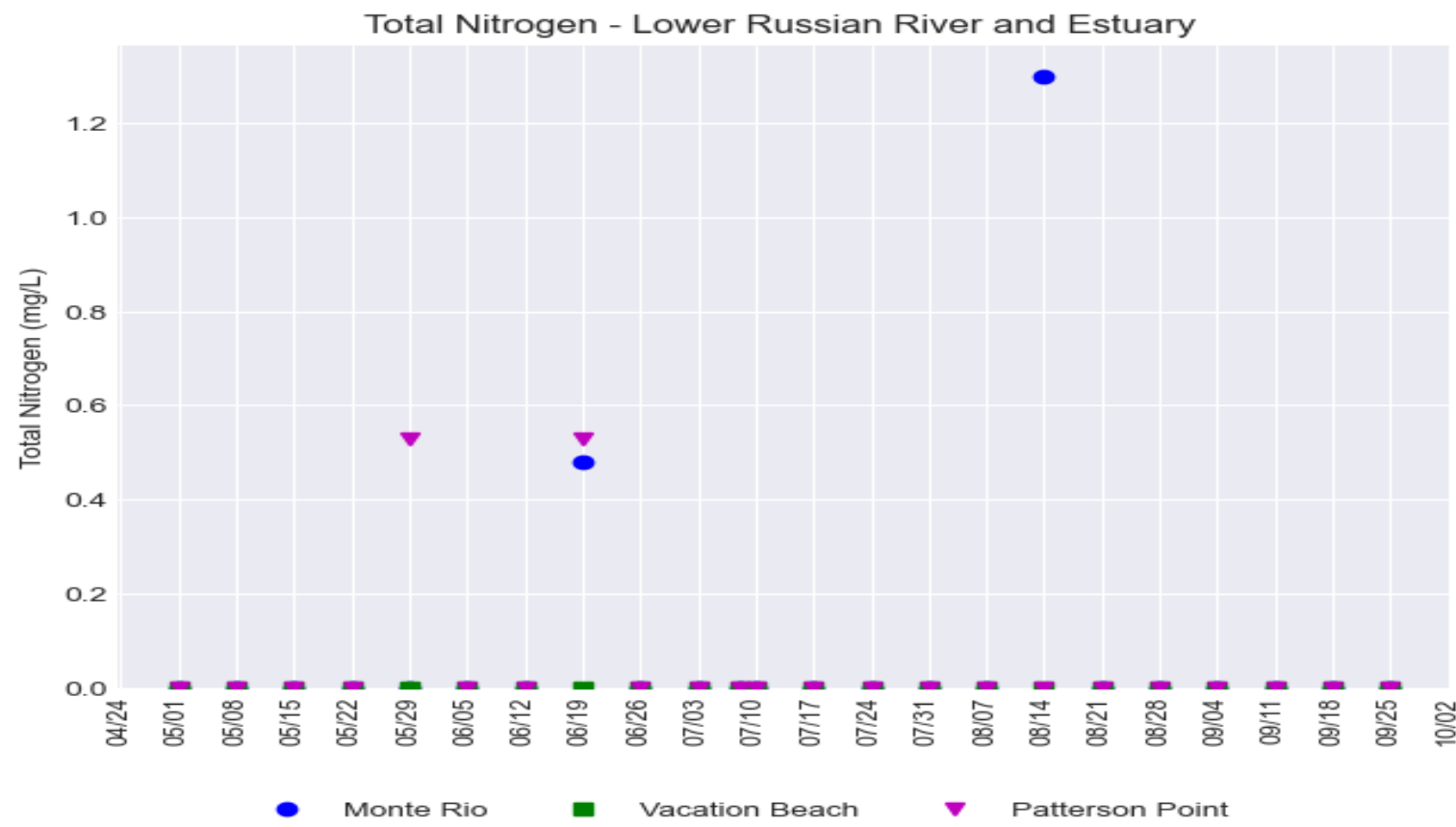
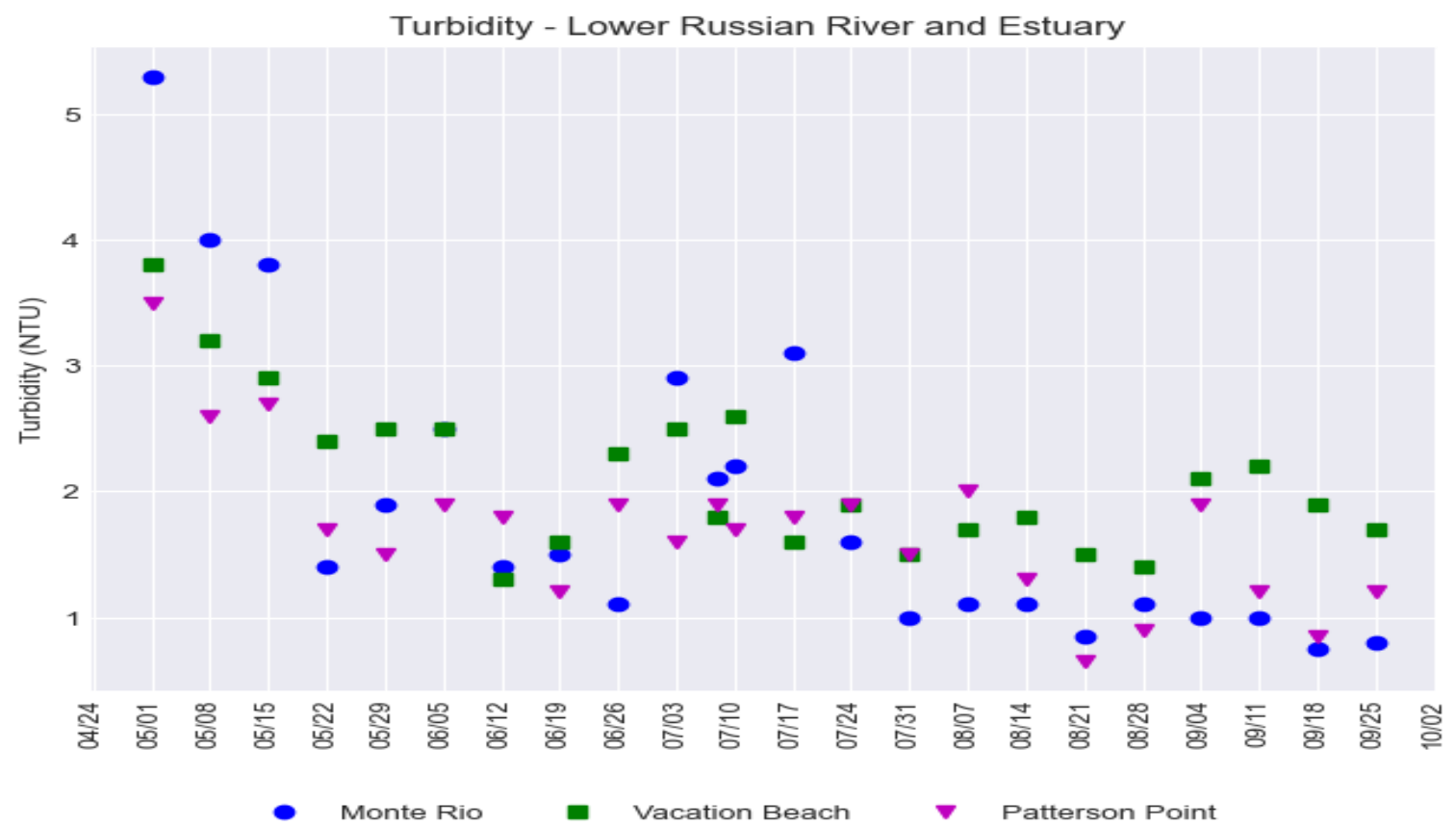
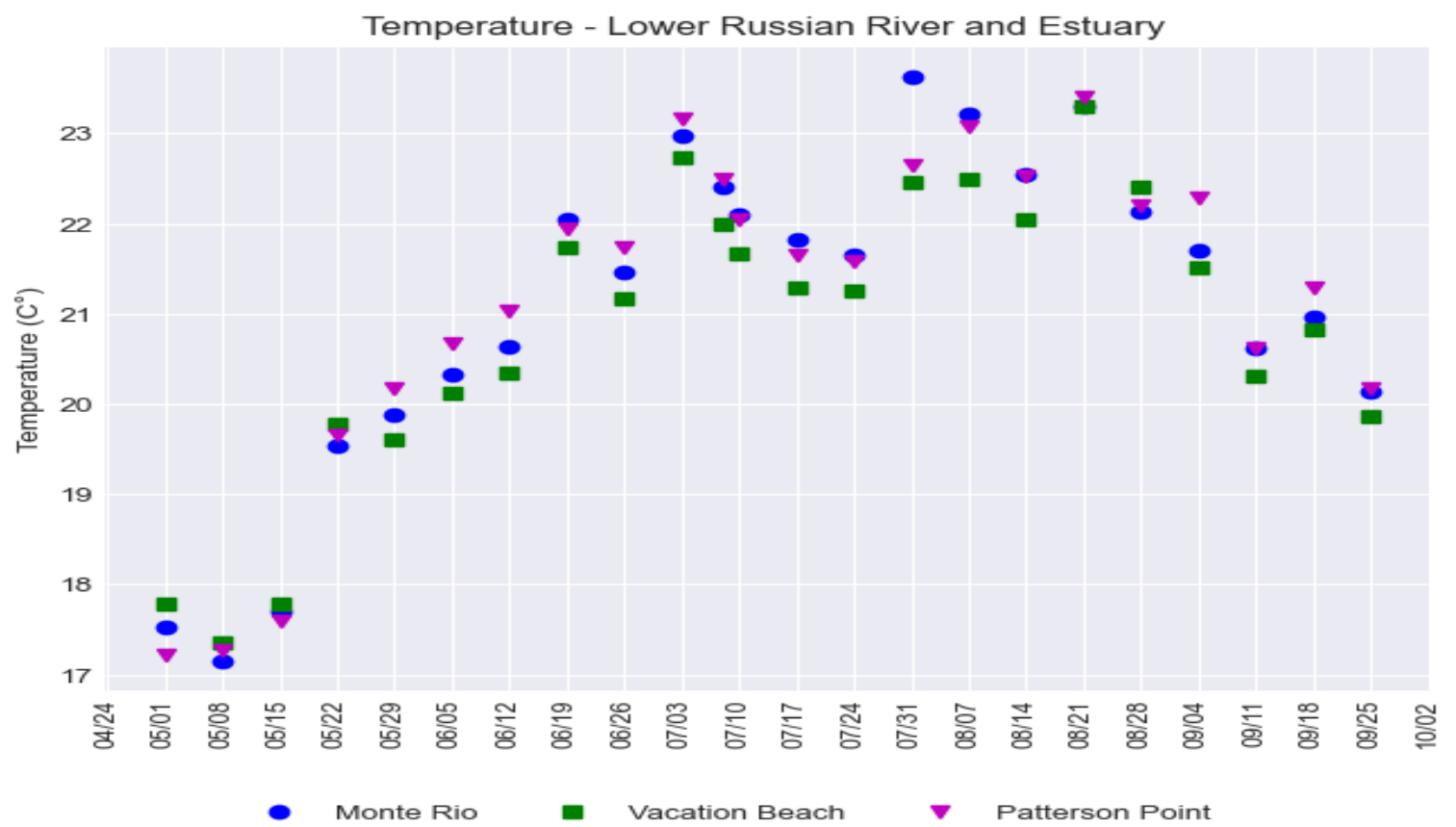


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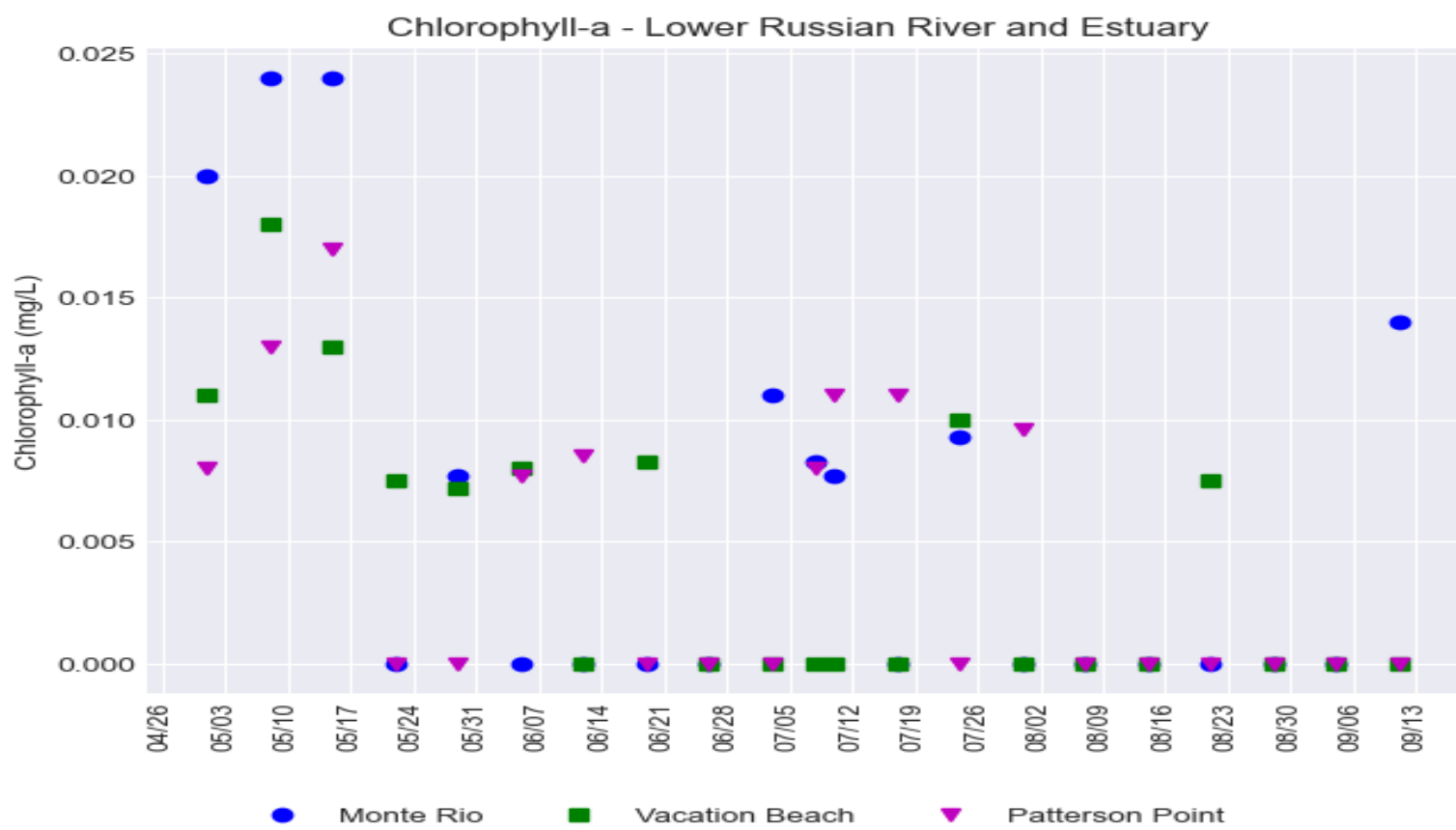
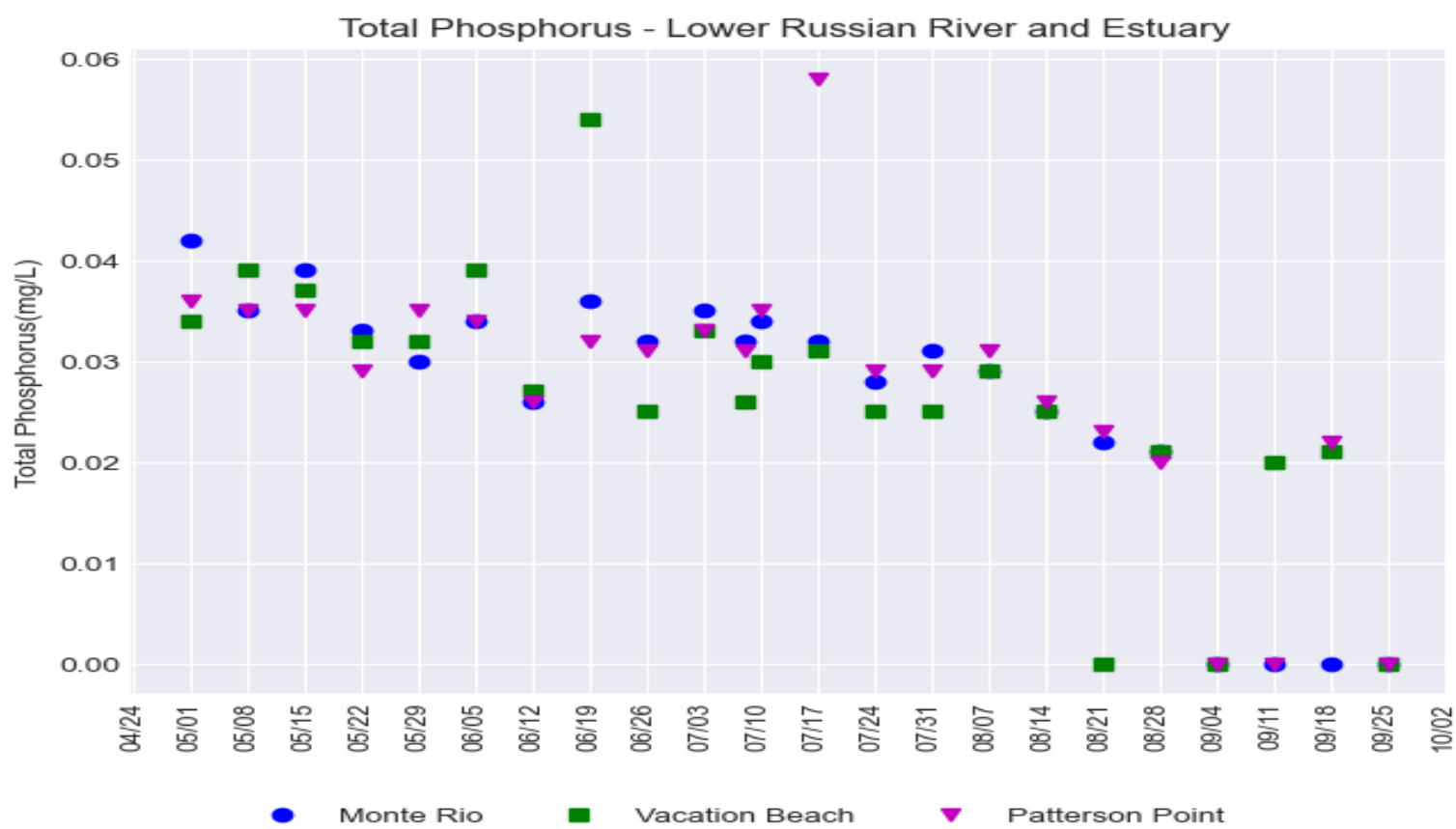


Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples (September 4 - October 16, 2025)
Provisional Data Subject to Revision

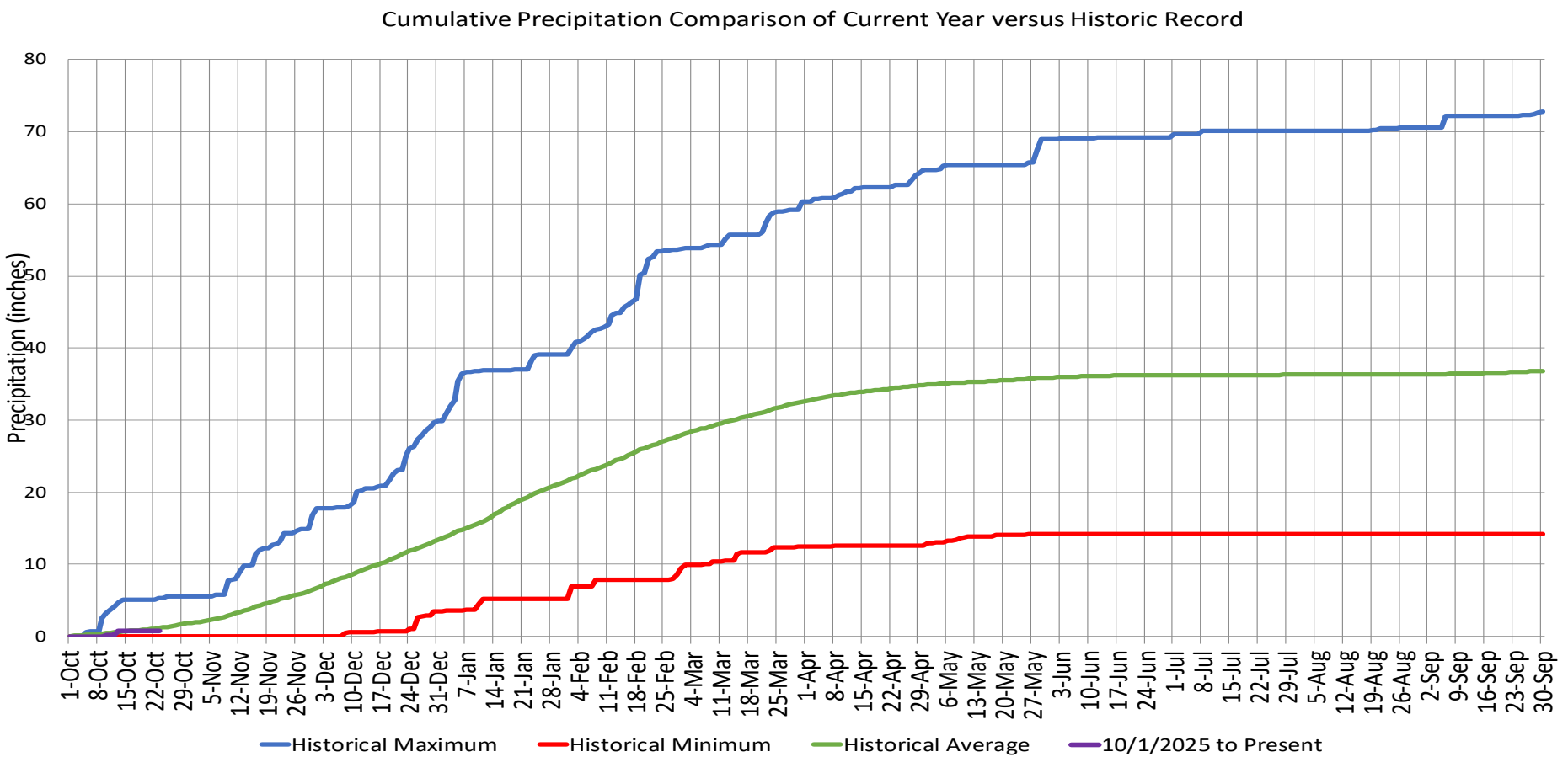
Russian River Estuary Standard Bacterial Indicators

Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	9/4/2025	1299.7	1119.9	1986.3
		9/11/2025	1046.2	866.4	1046.2
		9/18/2025	1119.9	727	1413.6
		9/25/2025	1299.7	1119.9	1119.9
		10/2/2025	1119.9	1119.9	1986.3
		10/7/2025	2909**	3448**	1081**
		10/9/2025	816.4	613.1	816.4
		10/16/2025	488.4	686.7	1986.3
E. Coli MPN/100 mL	235	9/4/2025	12.1	8.6	16.1
		9/11/2025	15.8	1	6.3
		9/18/2025	28.8	21.1	10.87
		9/25/2025	39.3	3.1	8.5
		10/2/2025	35.9	8.6	17.1
		10/7/2025	139.6	59.1	17.1
		10/9/2025	26.2	21.8	13.4
		10/16/2025	21.3	65	131.7
Enterococcus MPN/100 mL ****	61	9/4/2025	68.3	36.9	36.8
		9/11/2025	52	13.4	23.1
		9/18/2025	40.8	35.5	24.6
		9/25/2025	29.9	19.9	12.2
		10/2/2025	44.8	17.9	12
		10/7/2025	307.6	261.3	10.9
		10/9/2025	32.7	12	12.1
		10/16/2025	29.5	38.9	111.2

*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

Date Range	Cumulative (inches)
Oct 1, 2025 - Oct 23, 2025	0.98
Last 7 Days*	0.00



Global Forecast System Model 16-day Cumulative Precipitation Forecast

