



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
October 31, 2025 - November 6, 2025

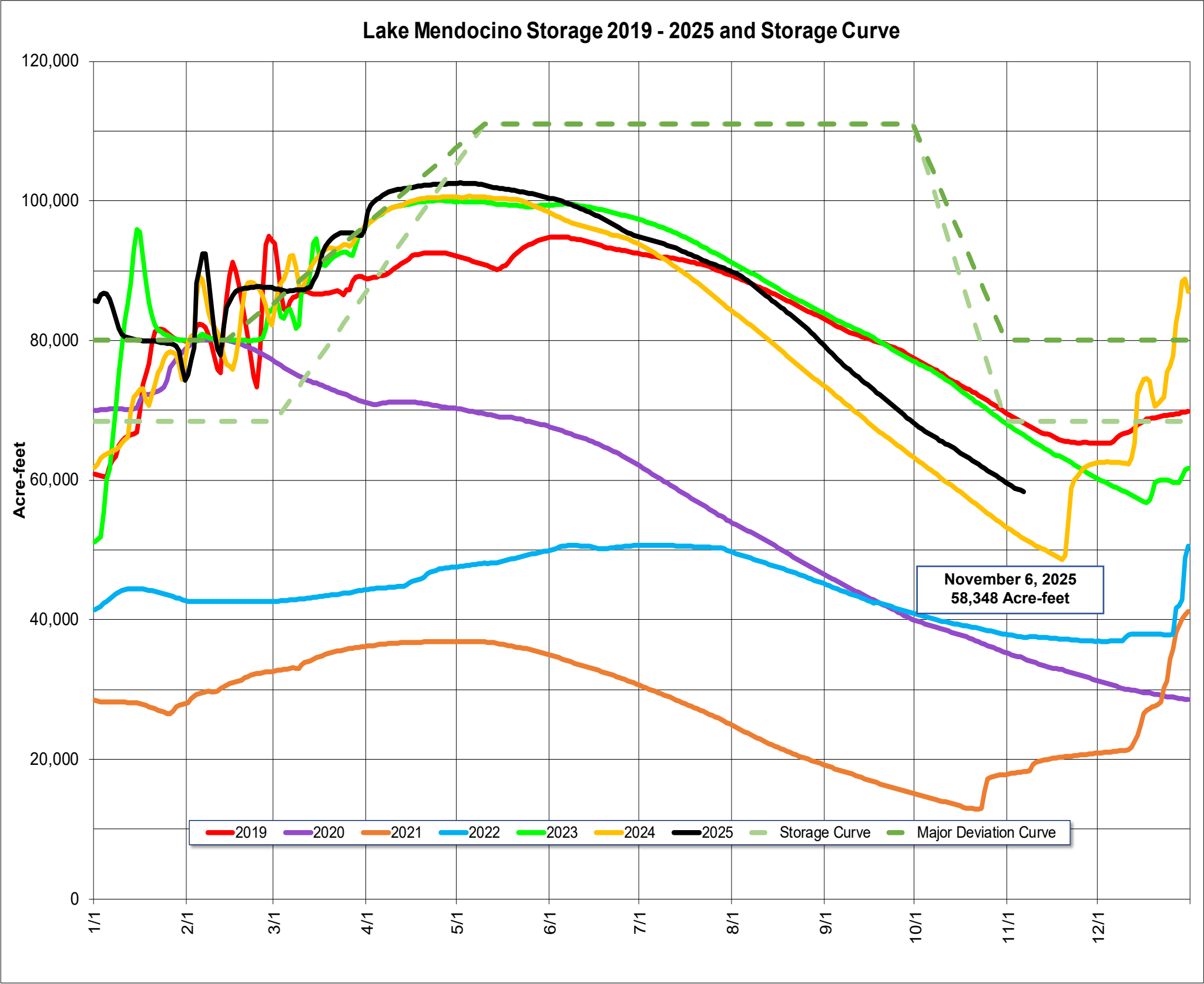
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of November 6, 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

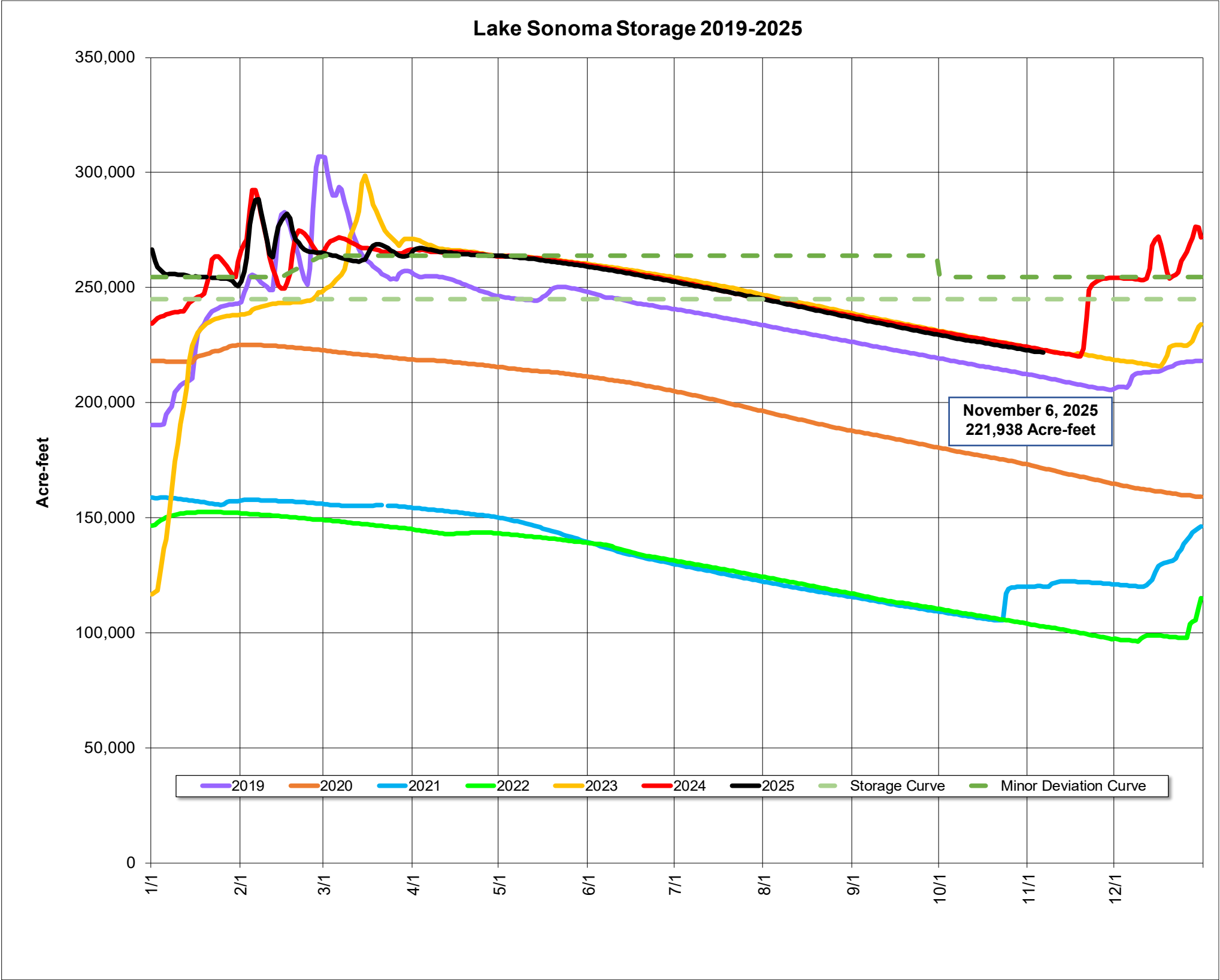


Storage (acre-feet)	November 6, 2025	58,348	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,856	-262
	Last 7 days	-1,366	-195
Daily Inflow (cfs)	Last 7 days	Min	27
		Max	104
		Mean	45
Release (cfs)	Last 7 days	Min	145
		Max	167
		Mean	158

Lake Sonoma



Todd Schram, February 10 , 2024



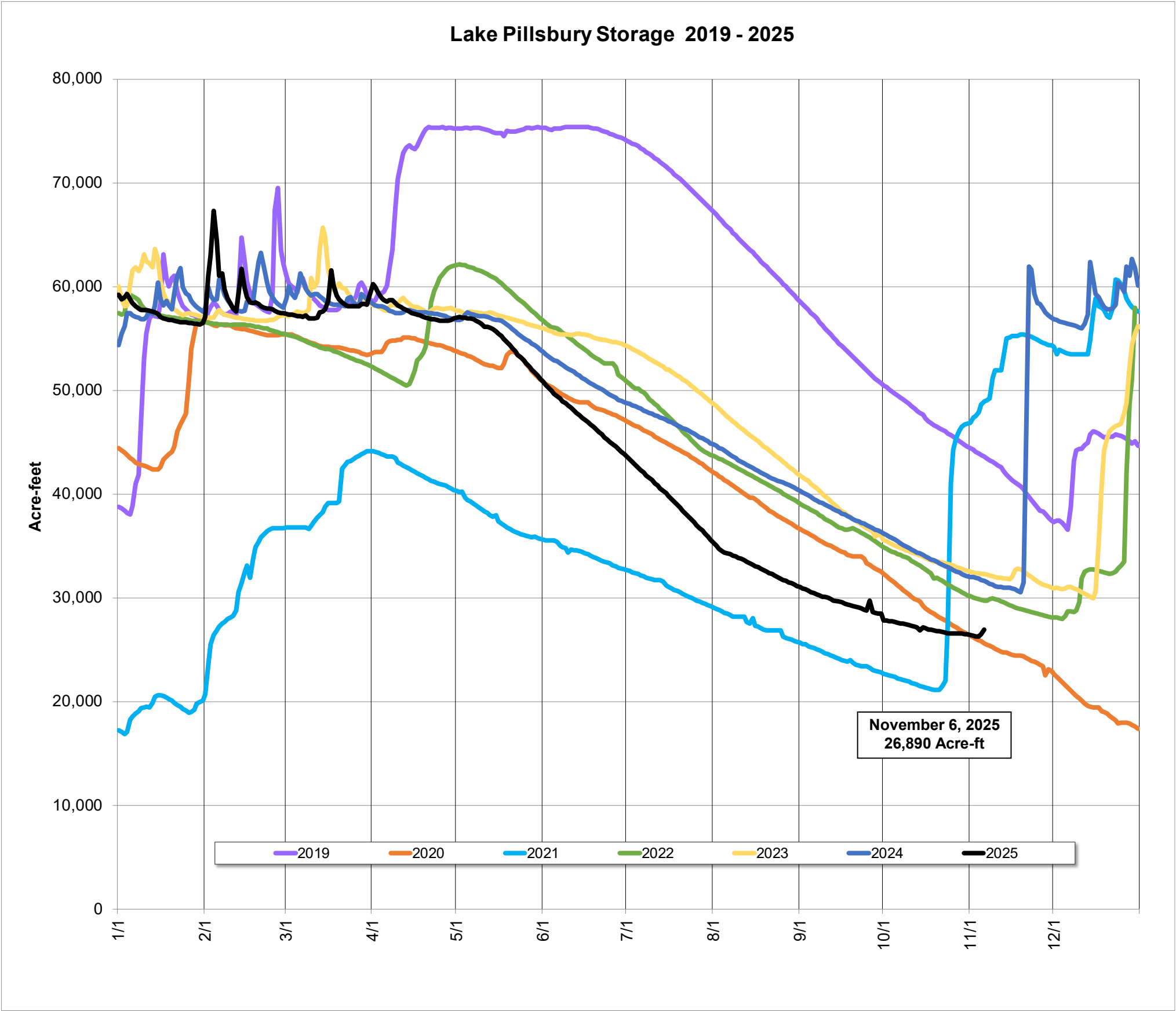
Storage (acre-feet)	November 6, 2025	221,938	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-5,952	-198
	Last 7 days	-989	-141
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	182
		Mean	36
Release (cfs)	Last 7 days	Min	113
		Max	118
		Mean	117

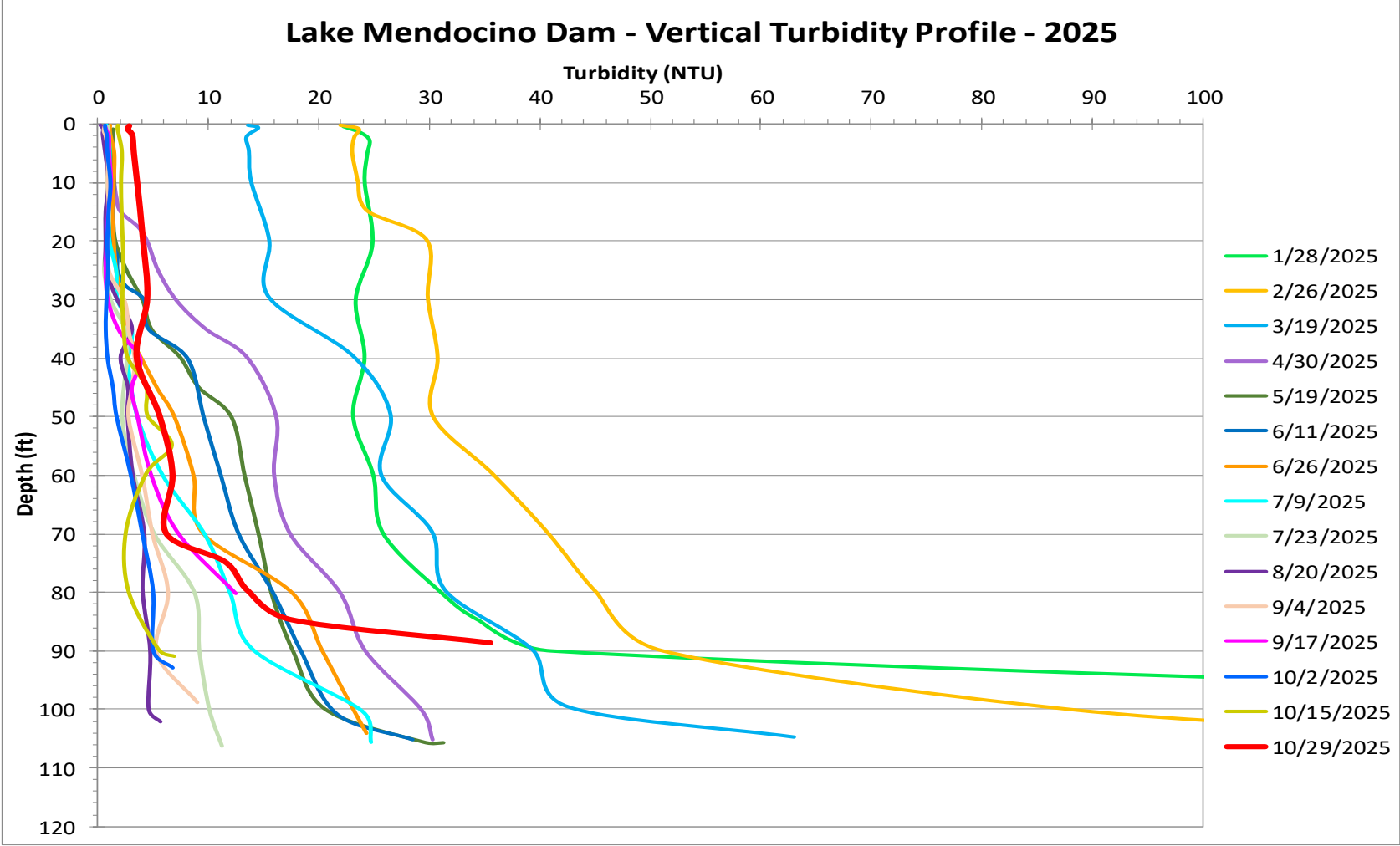
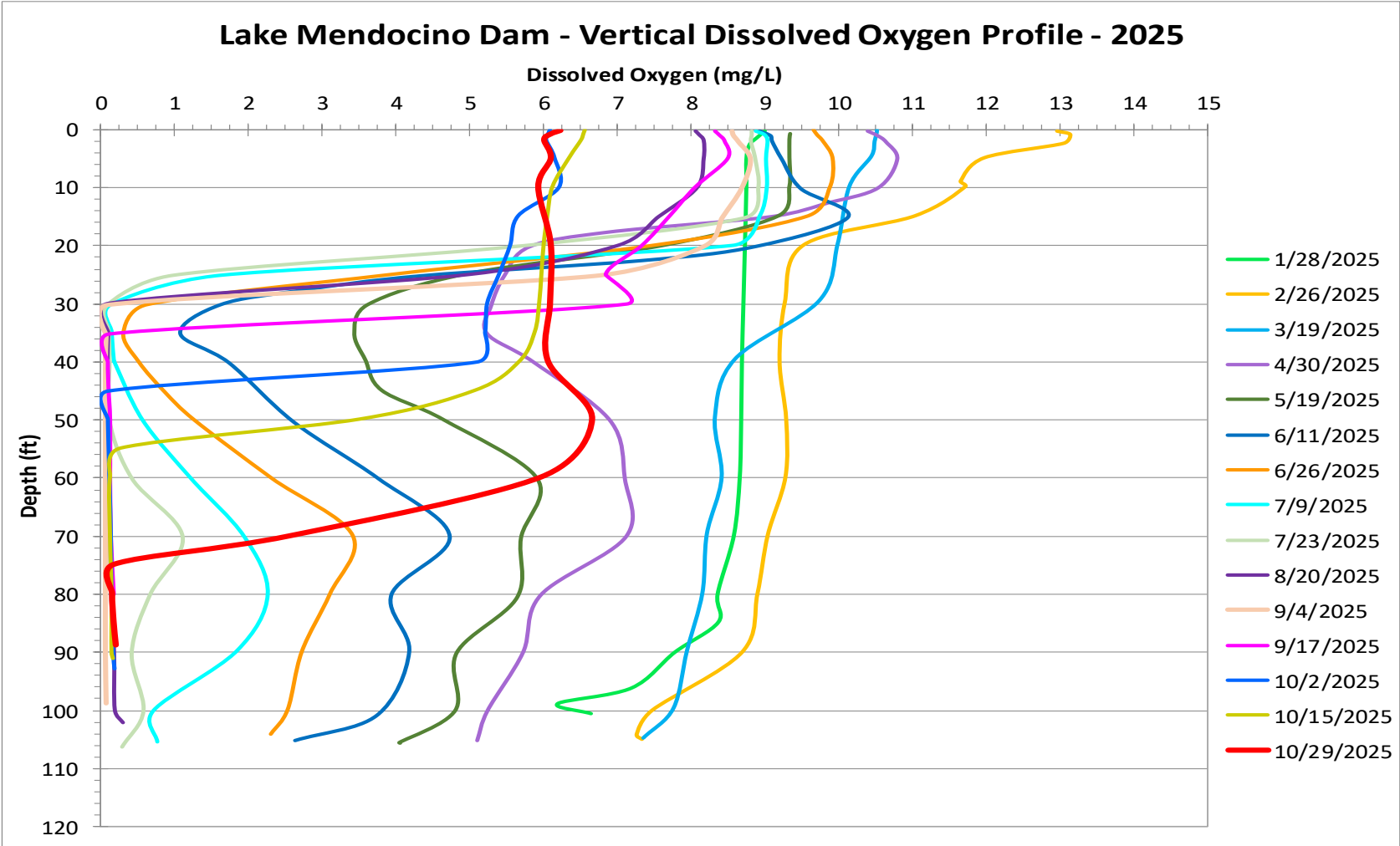
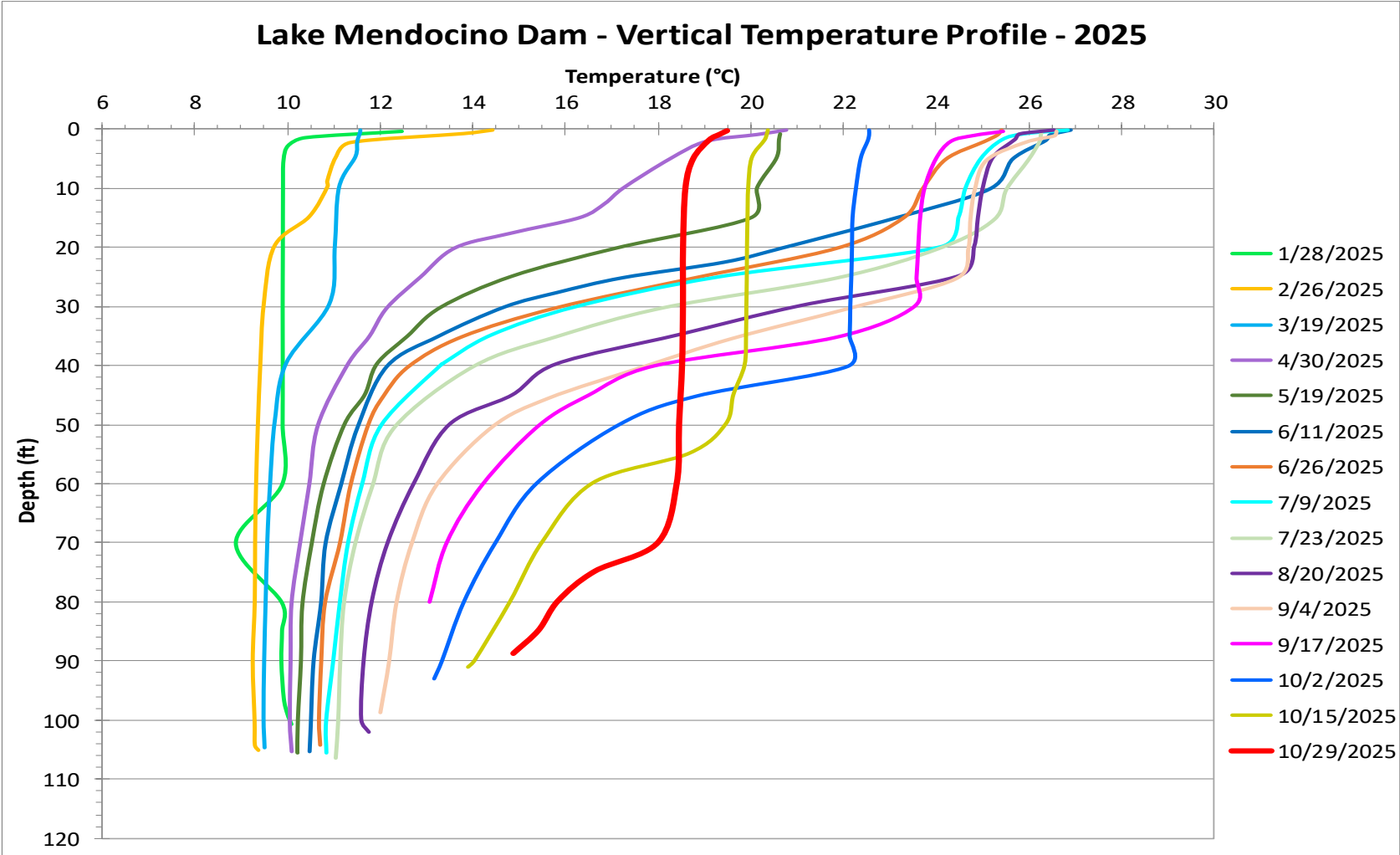
Potter Valley Project

PVP Diversion (cfs)	November 6, 2025	16
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - November 6, 2025	3,475	94
	Last 7 days	1,245	178

*Inflow calculation based on criteria established in D1610

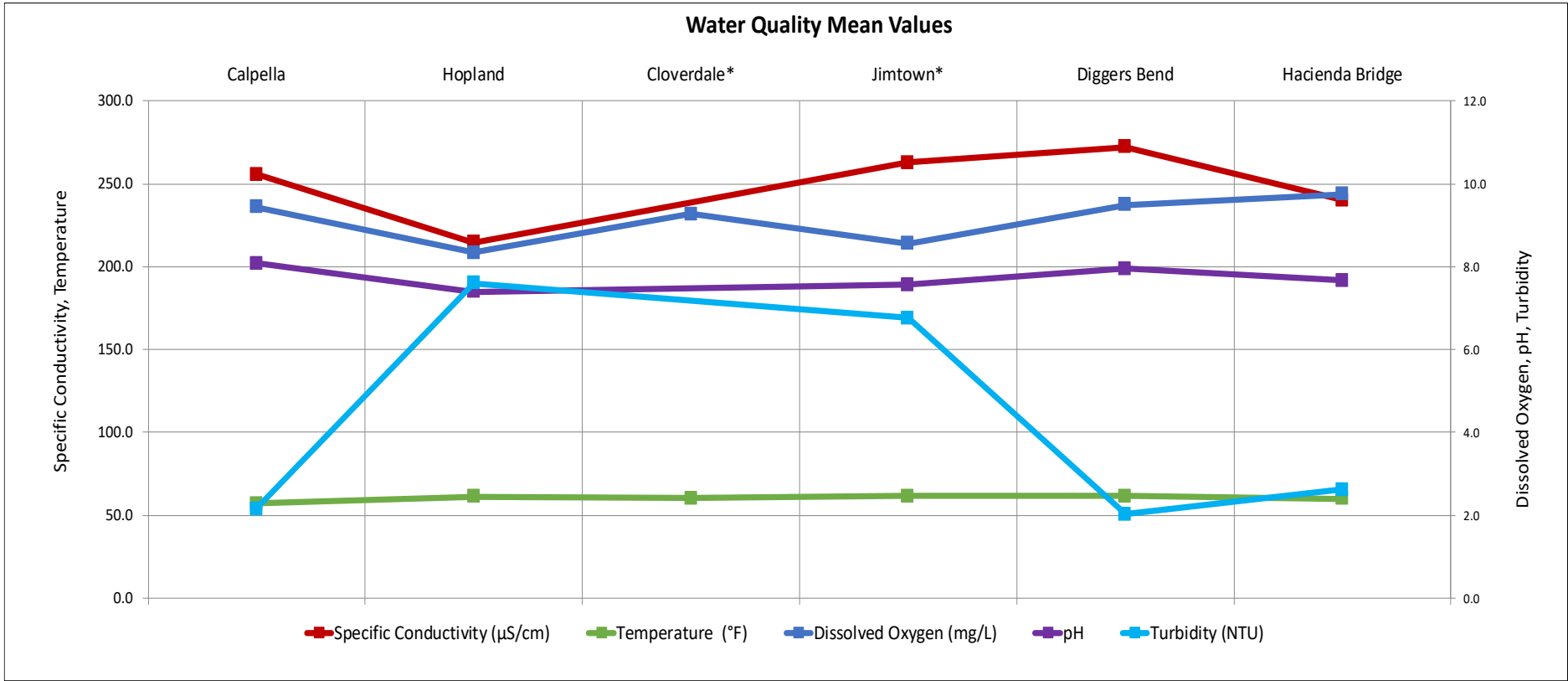




Russian River Flows (October 31, 2025 - November 6, 2025)

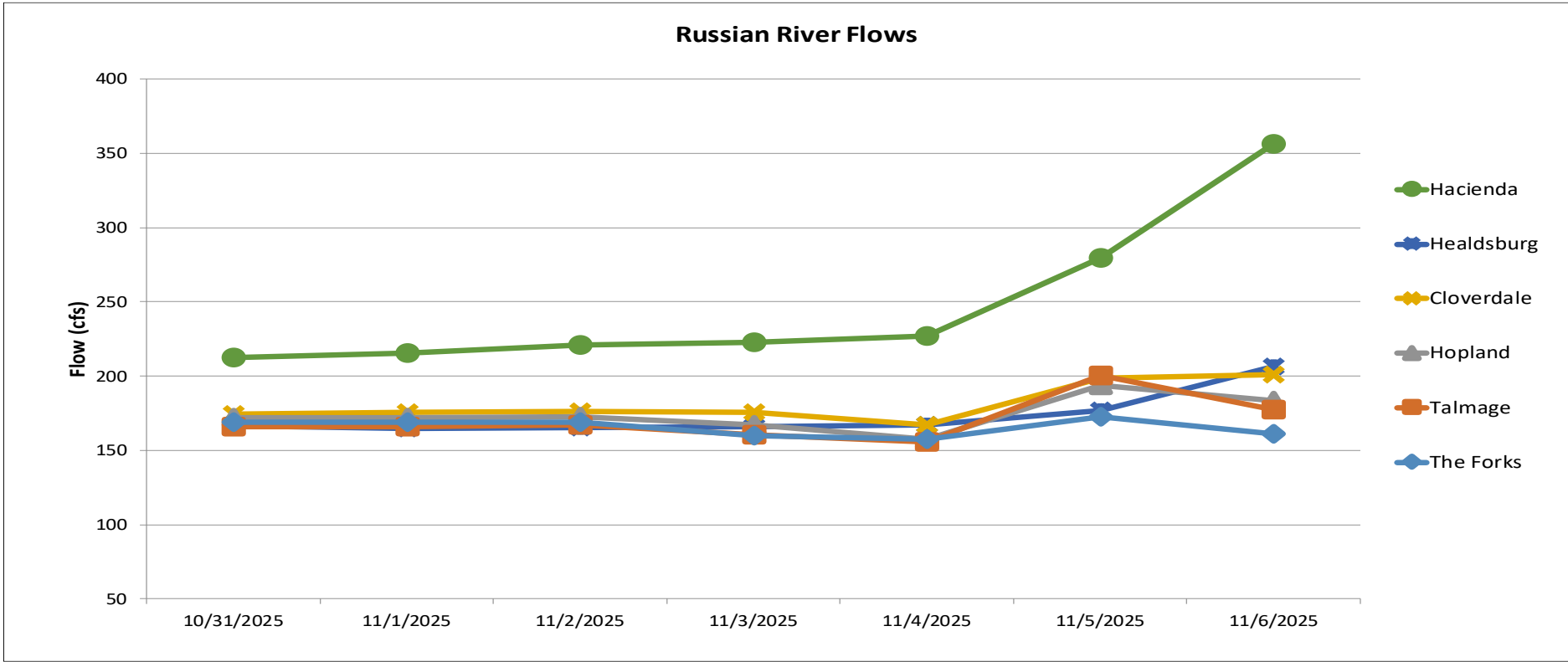
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	54.7	59.0	57.9	59.7	59.2		58.1	
	Max	58.6	62.4	61.9	63.7	63.5		61.5	
	Mean	57.0	61.0	60.1	61.6	61.4		59.8	
Specific Conductivity (µS/cm)	Min	240.0	176.0		149.0	265.0		234.0	
	Max	260.0	225.0		267.0	274.0		279.0	
	Mean	255.8	214.7		263.0	272.2		240.1	
Dissolved Oxygen (mg/L)	Min	9.0	7.9	8.5	7.6	8.2		8.8	
	Max	10.0	8.9	10.5	10.3	12.0		10.8	
	Mean	9.4	8.3	9.3	8.6	9.5		9.7	
Dissolved Oxygen (% Saturation)	Min	87.5	81.4	85.6	77.3	83.1		87.3	
	Max	97.0	90.0	106.8	107.7	125.2		110.4	
	Mean	91.3	84.7	93.1	87.6	97.0		97.6	
pH	Min	8.0	7.3		7.4	7.7		7.4	
	Max	8.2	7.4		7.7	8.7		8.0	
	Mean	8.1	7.4		7.6	7.9		7.7	
Turbidity (NTU)	Min	1.1	5.5		4.3	1.6		1.7	
	Max	17.1	15.3		16.3	2.7		6.0	
	Mean	2.2	7.6		6.8	2.0		2.6	

*Station operated seasonally



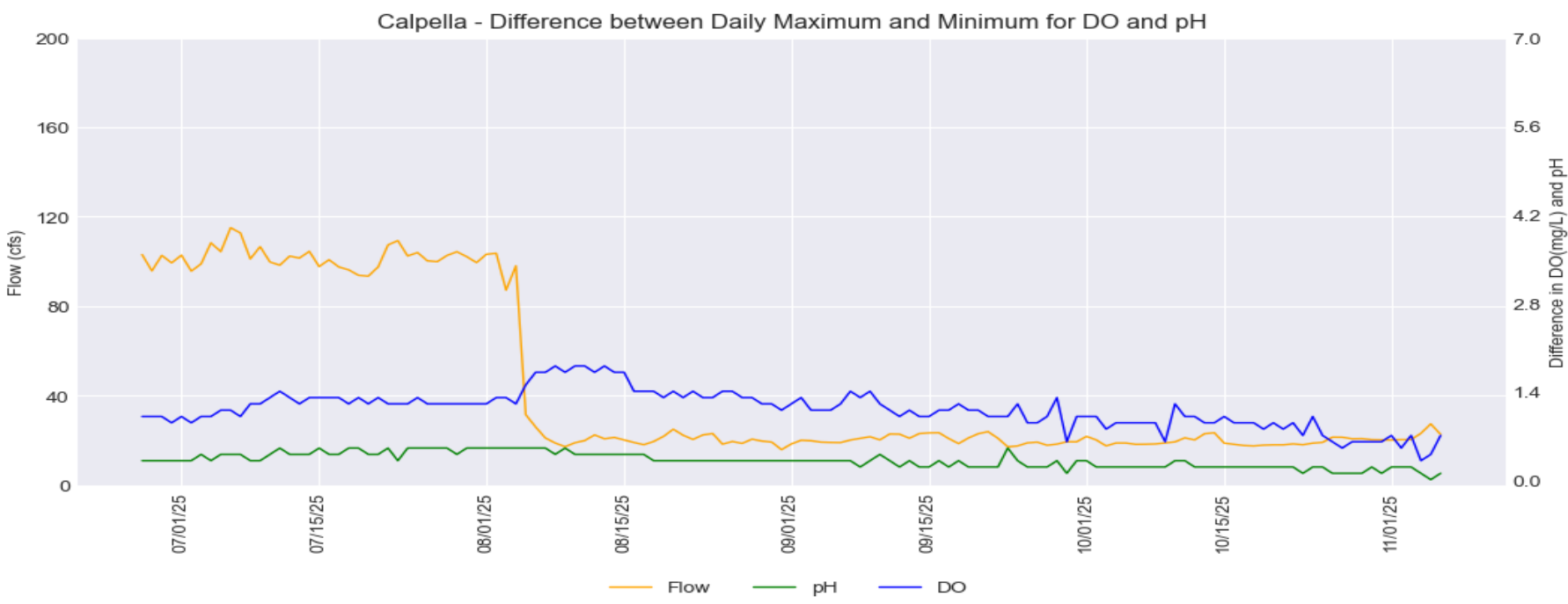
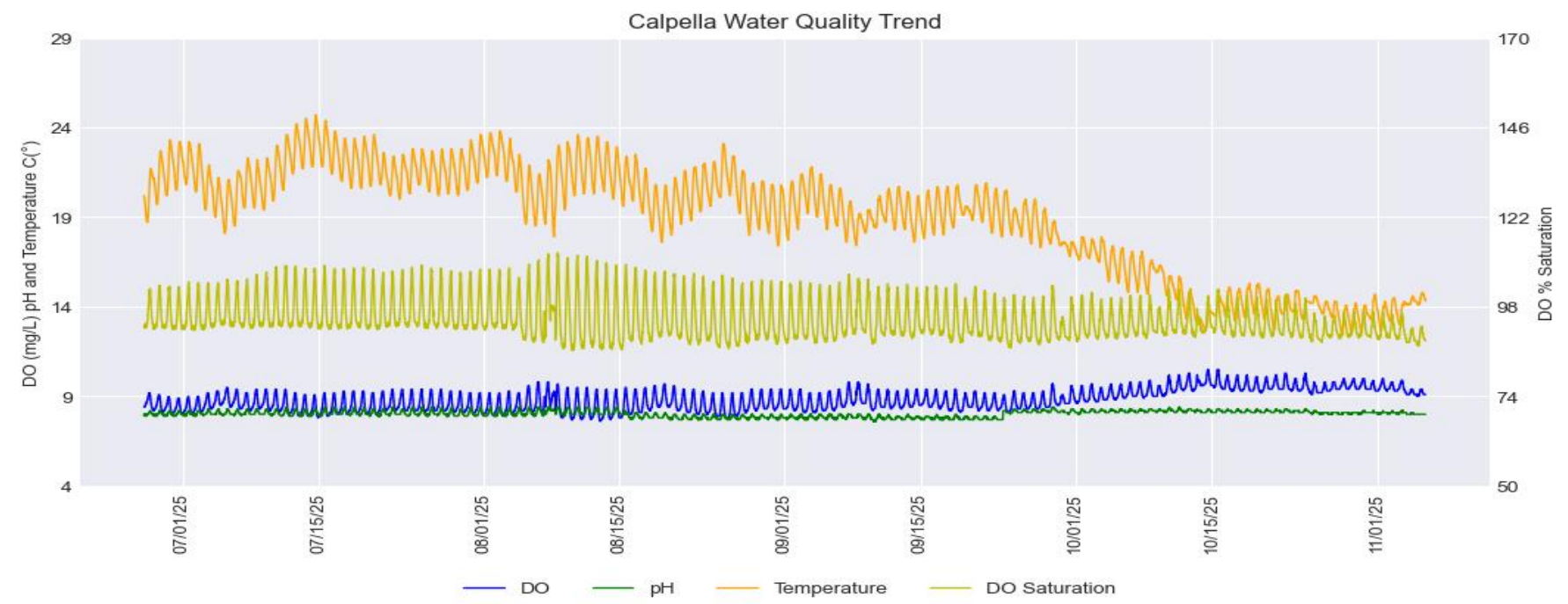
Gage	24-hr Average Flow (cfs)						
	Oct 31, 2025	Nov 1, 2025	Nov 2, 2025	Nov 3, 2025	Nov 4, 2025	Nov 5, 2025	Nov 6, 2025
The Forks*	169	169	169	160	158	172	161
Talmage USGS 11462080	166	166	167	161	156	200	177
Hopland USGS 11462500	172	172	173	167	157	194	183
Cloverdale USGS 11463000	175	175	176	175	167	199	201
Healdsburg USGS 11464000	167	165	165	166	167	177	206
Hacienda USGS 11467000	212	216	221	222	227	279	356

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

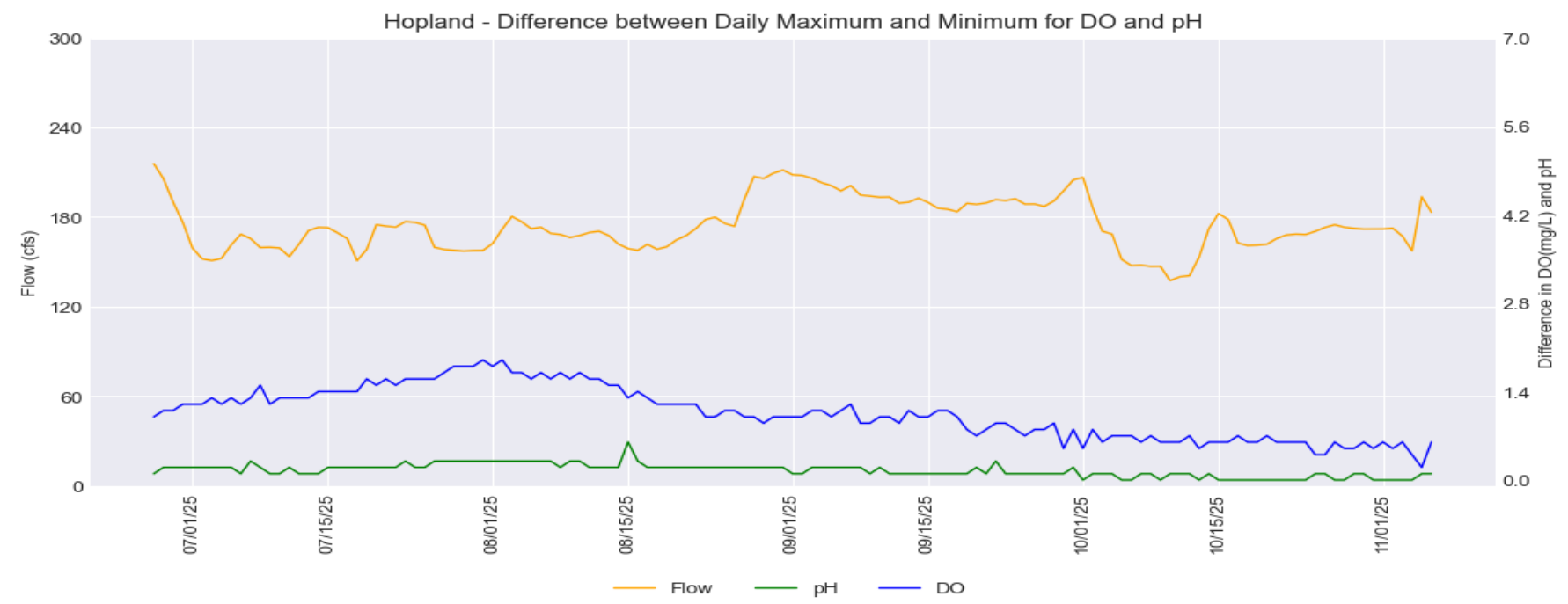
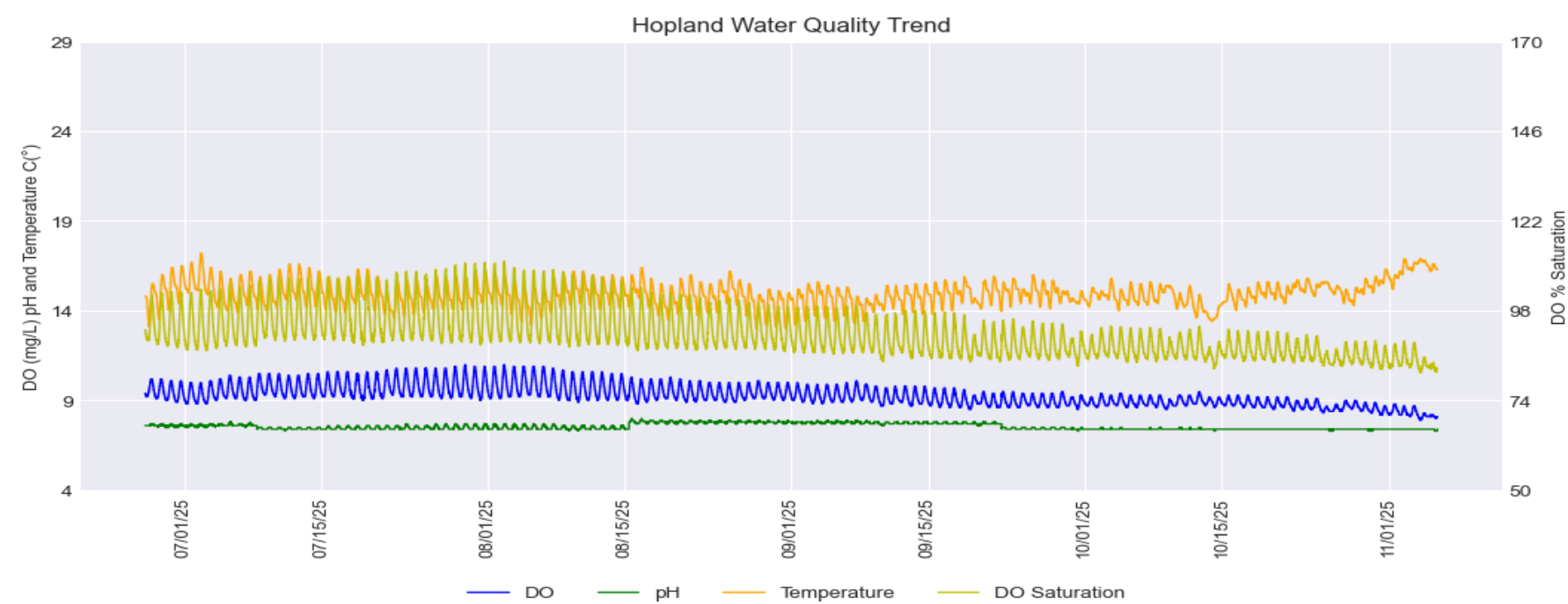


Russian River Water Quality June 27, 2025 – November 6, 2025
Provisional Data Subject to Revision

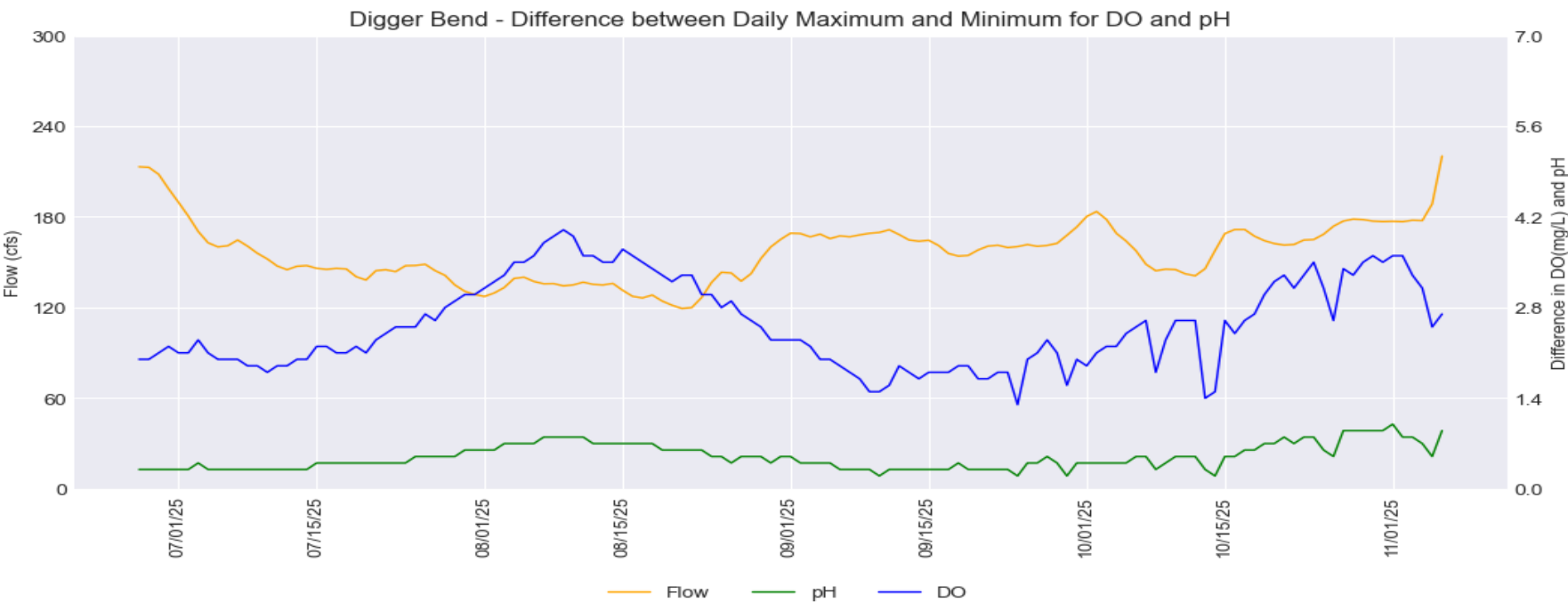
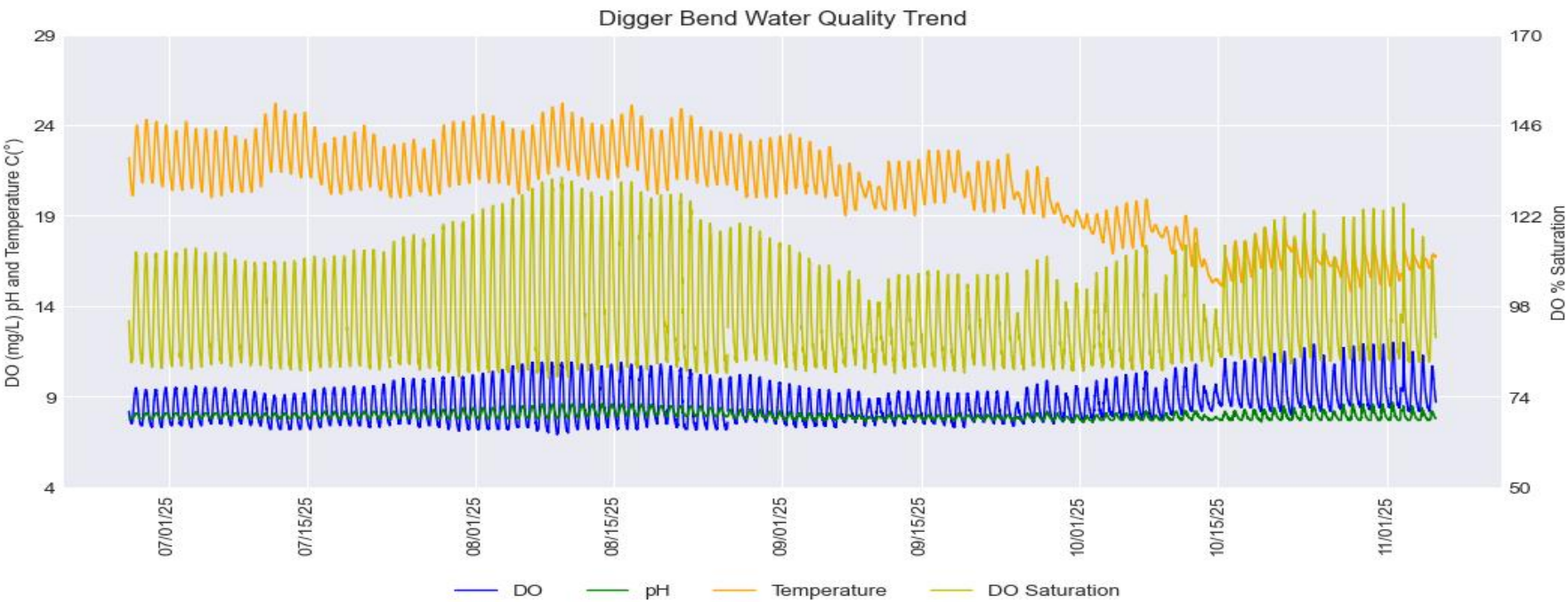
Calpella



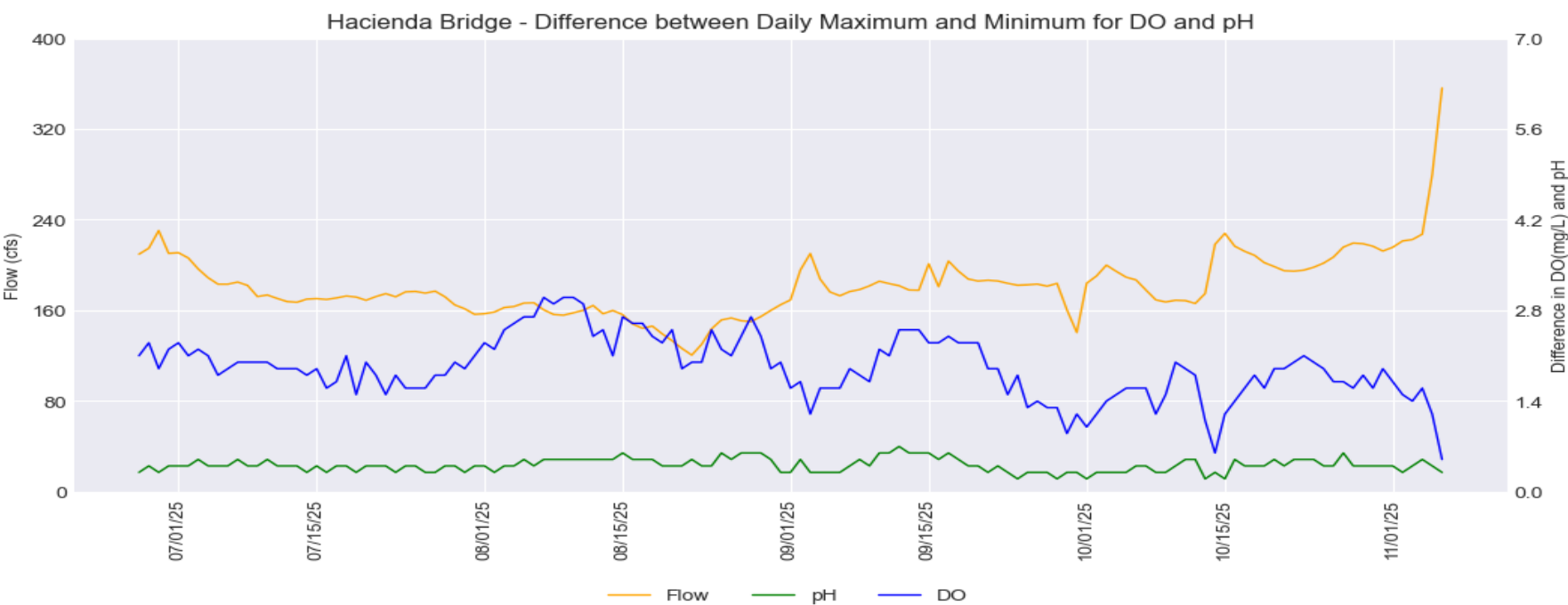
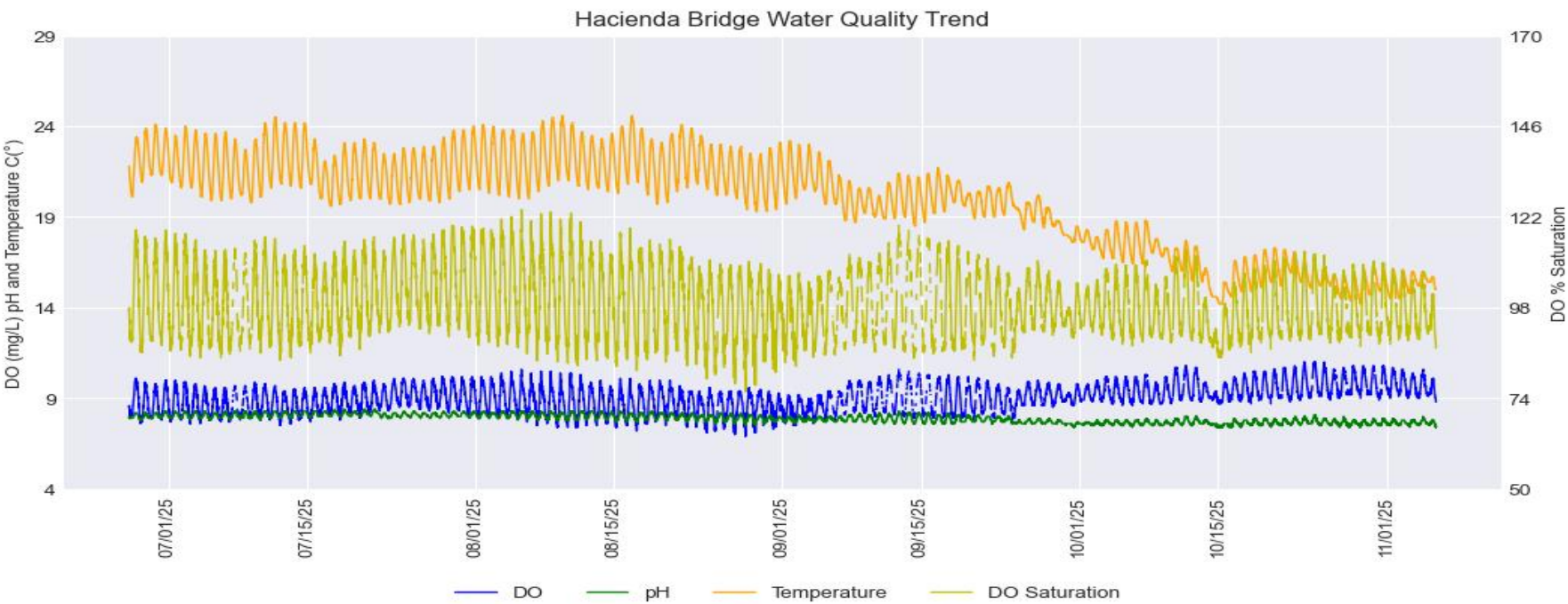
Hopland



Russian River Water Quality June 27, 2025 – November 6, 2025
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Digger Bend

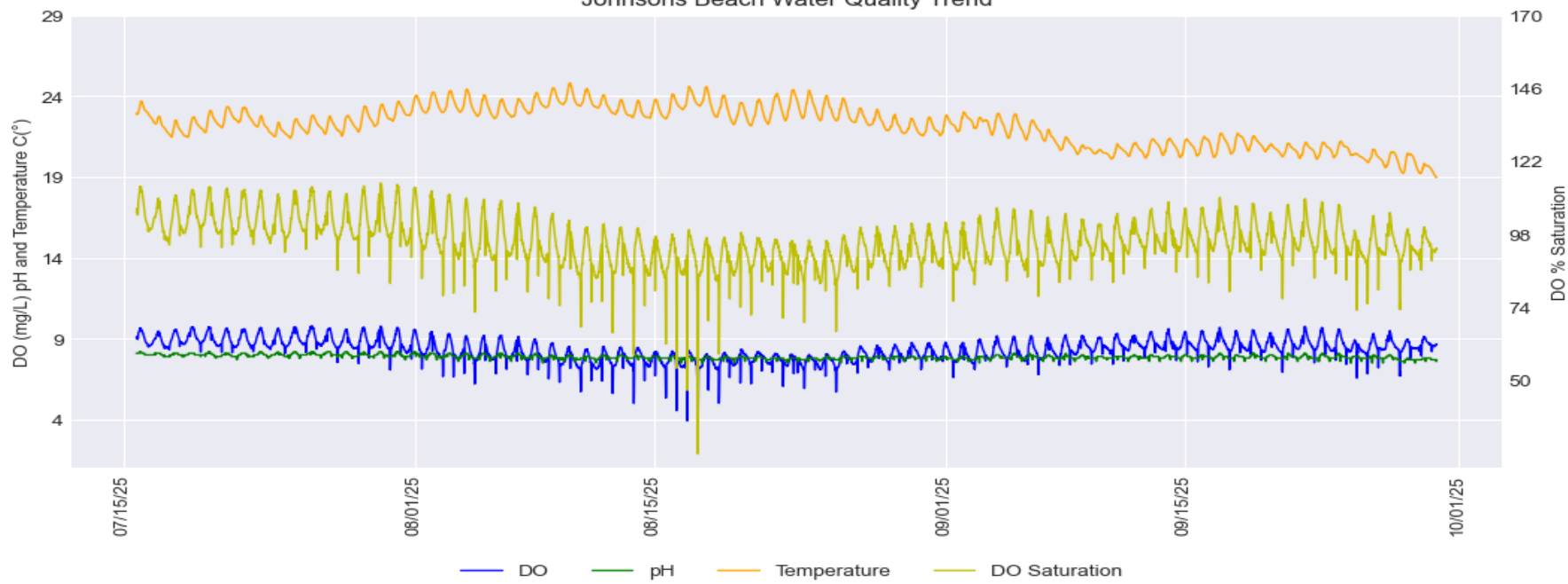


Hacienda Bridge

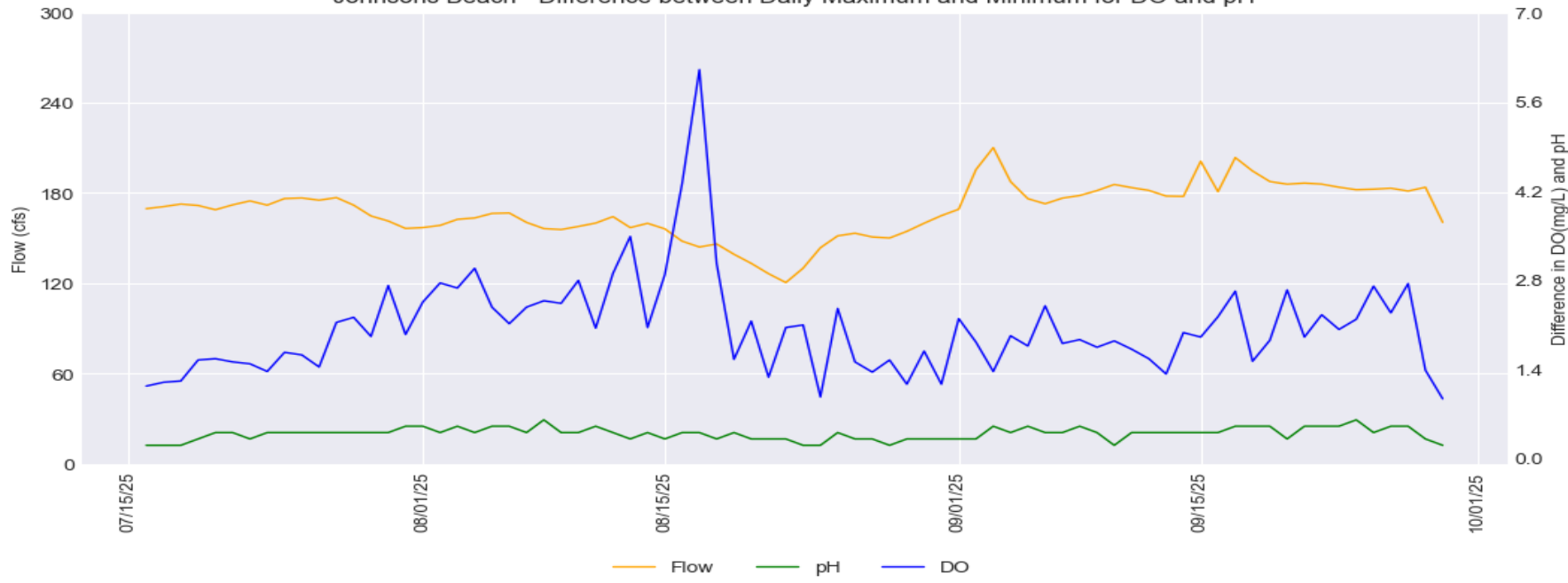


Russian River Water Quality June 27, 2025 – October 30, 2025
Provisional Data Subject to Revision
Johnsons Beach

Johnsons Beach Water Quality Trend

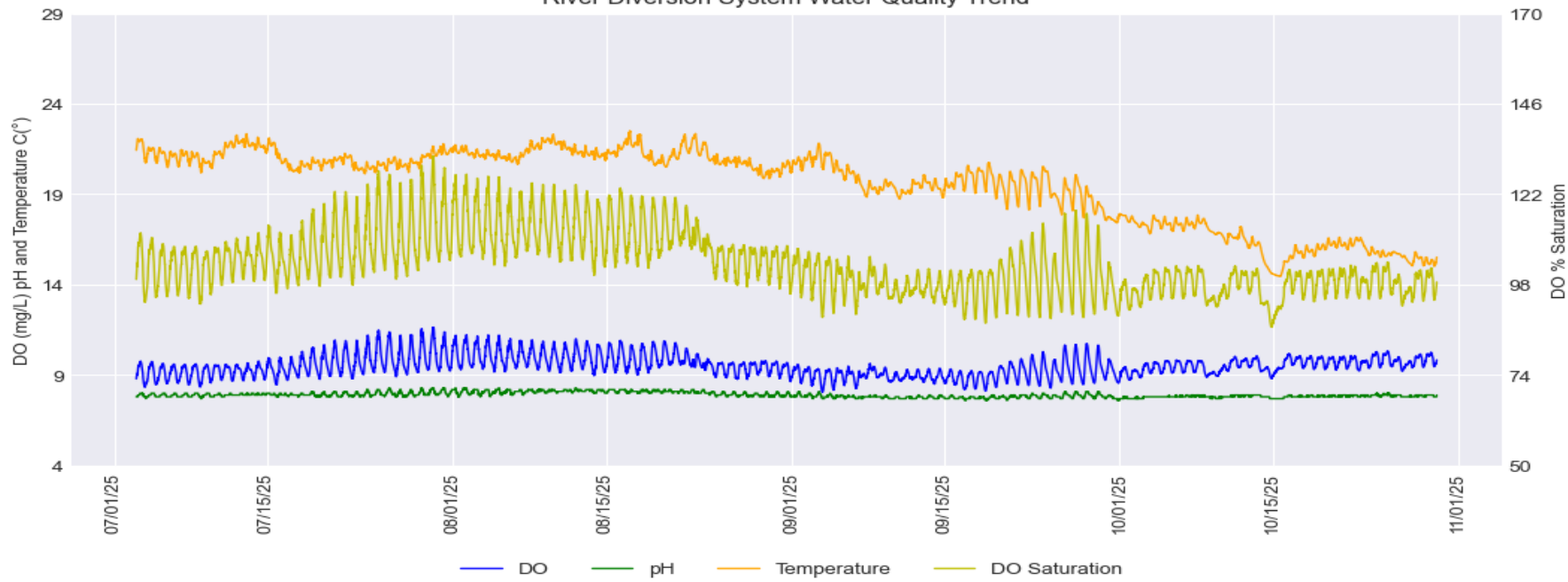


Johnsons Beach - Difference between Daily Maximum and Minimum for DO and pH

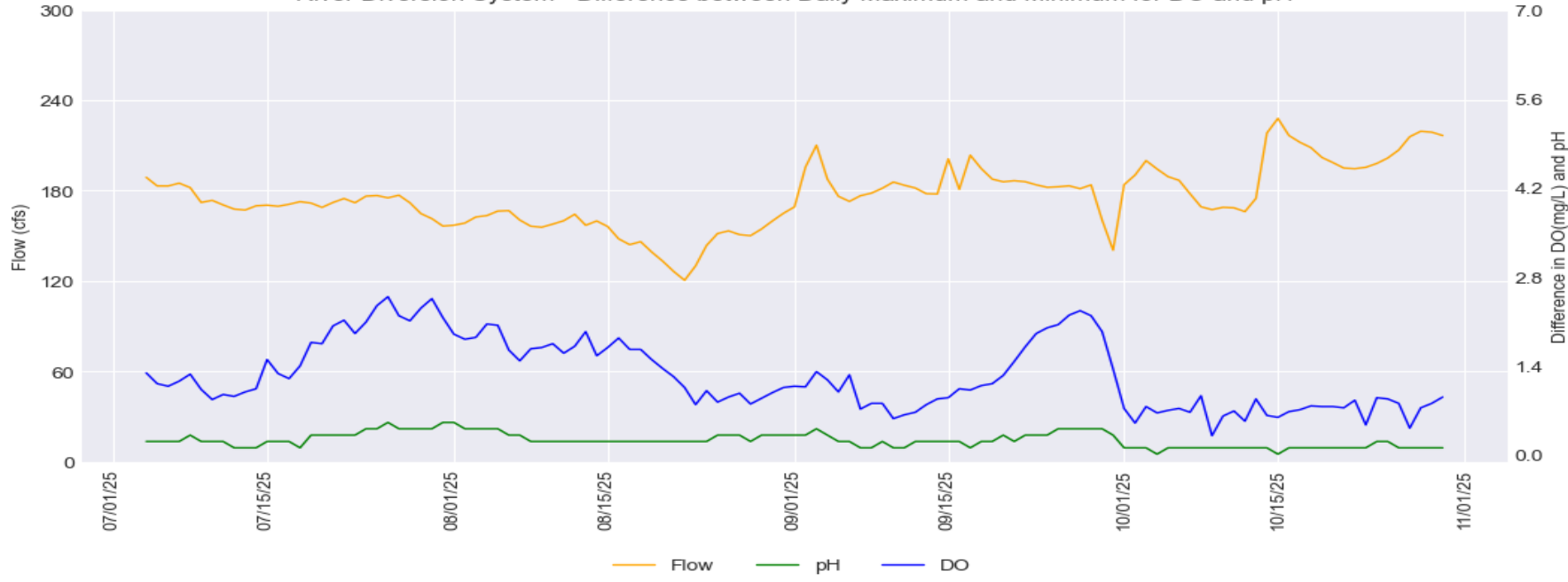


River Diversion System at Mirabel

River Diversion System Water Quality Trend

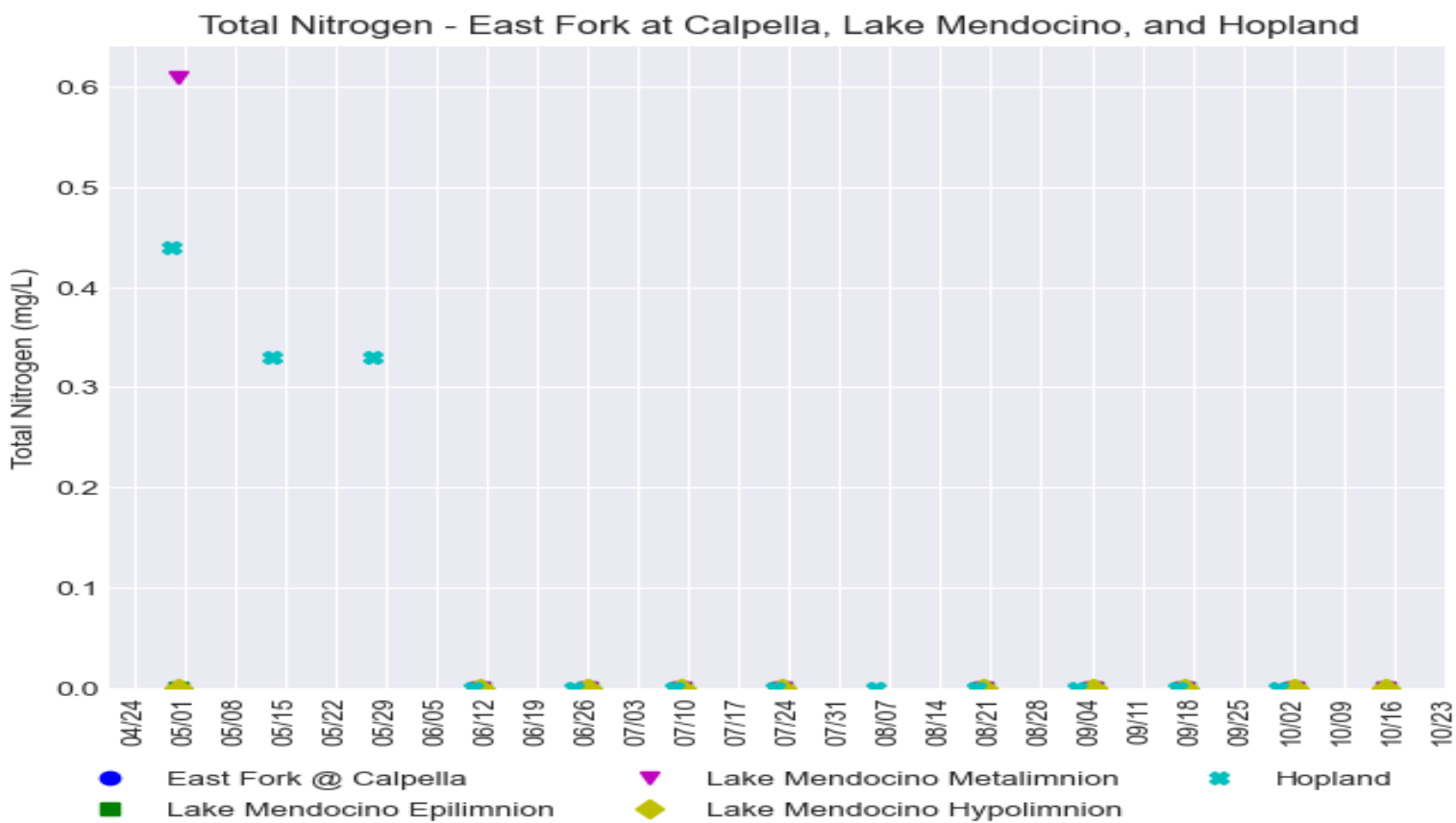
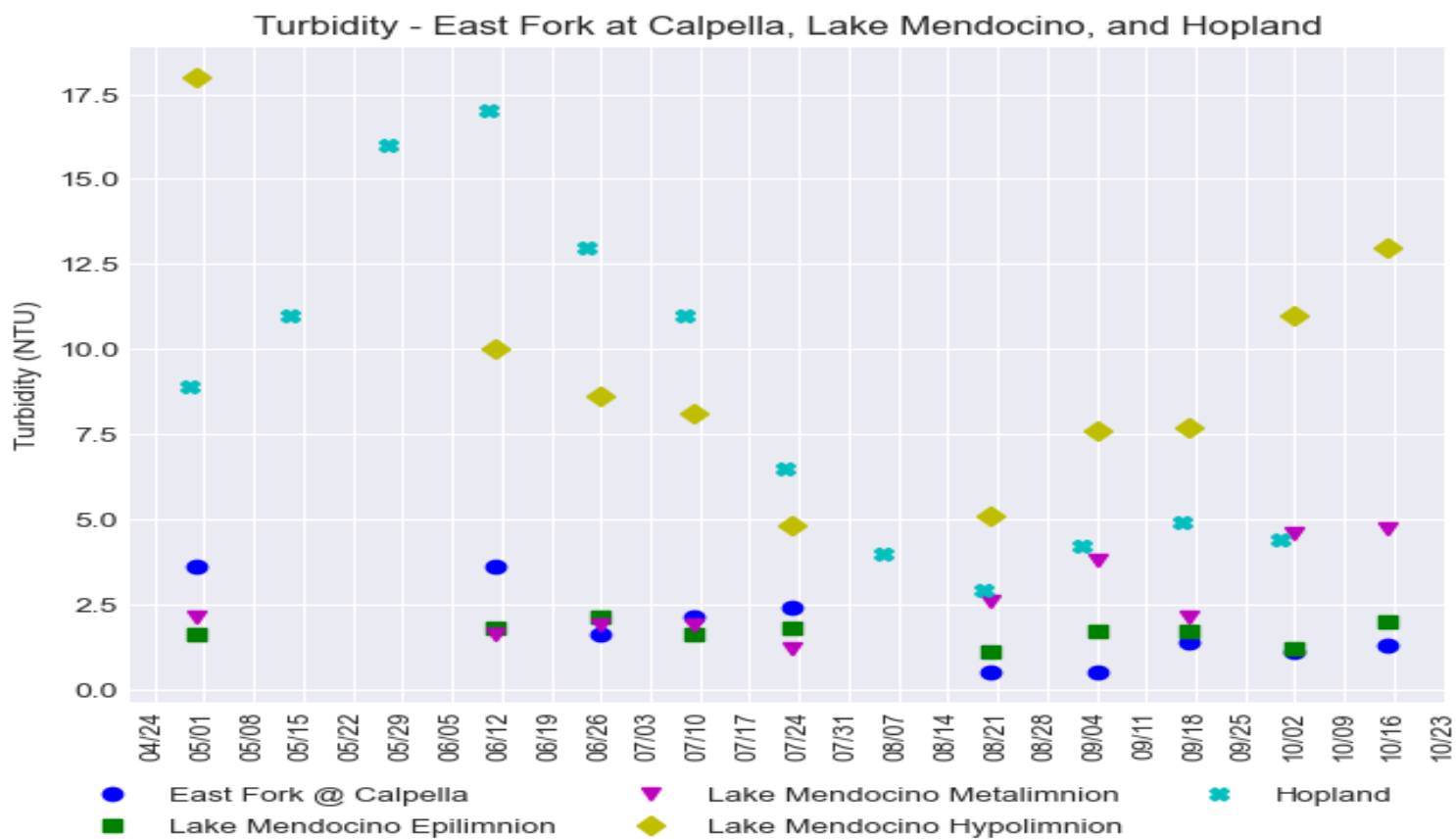
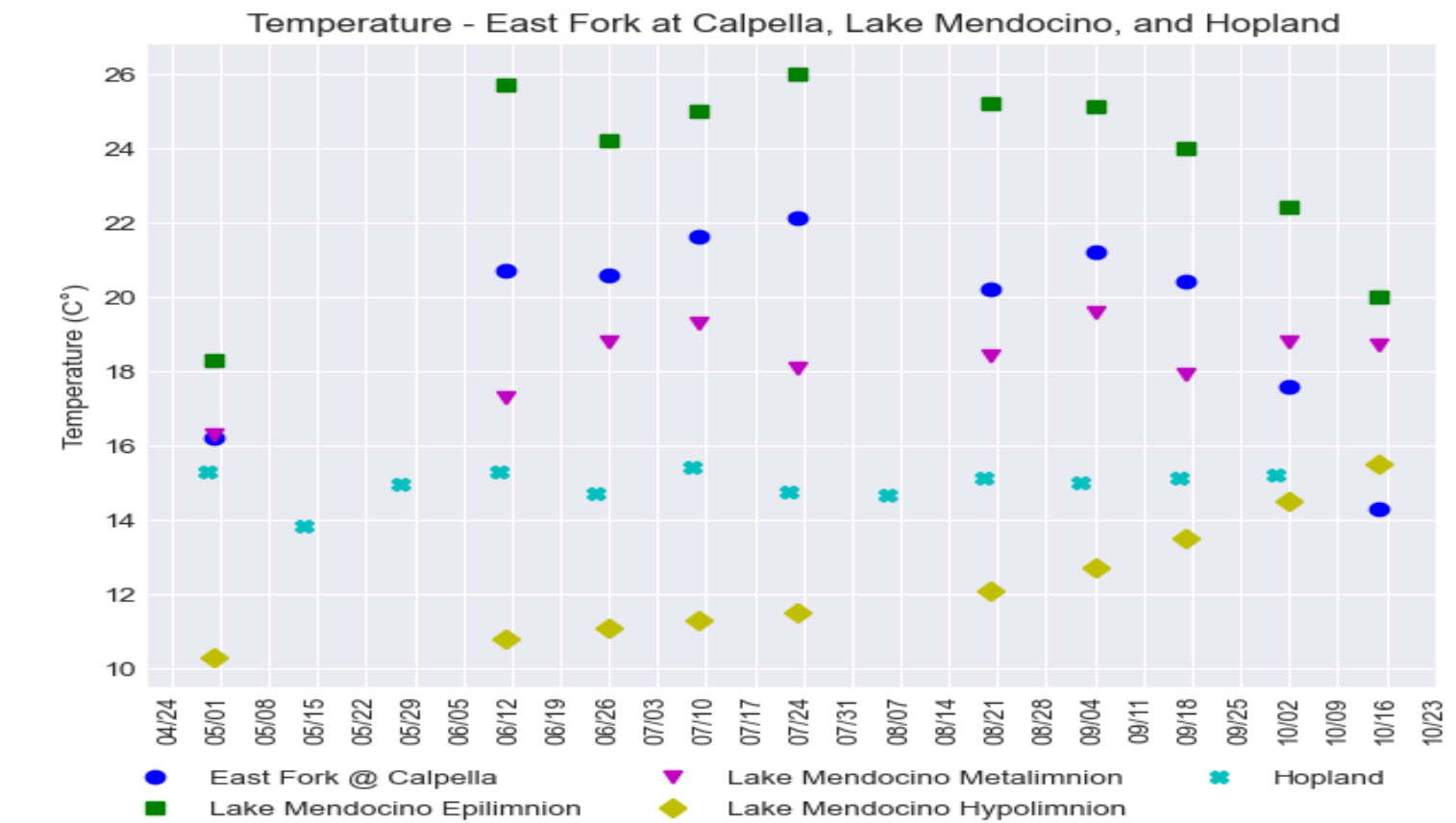


River Diversion System - Difference between Daily Maximum and Minimum for DO and pH

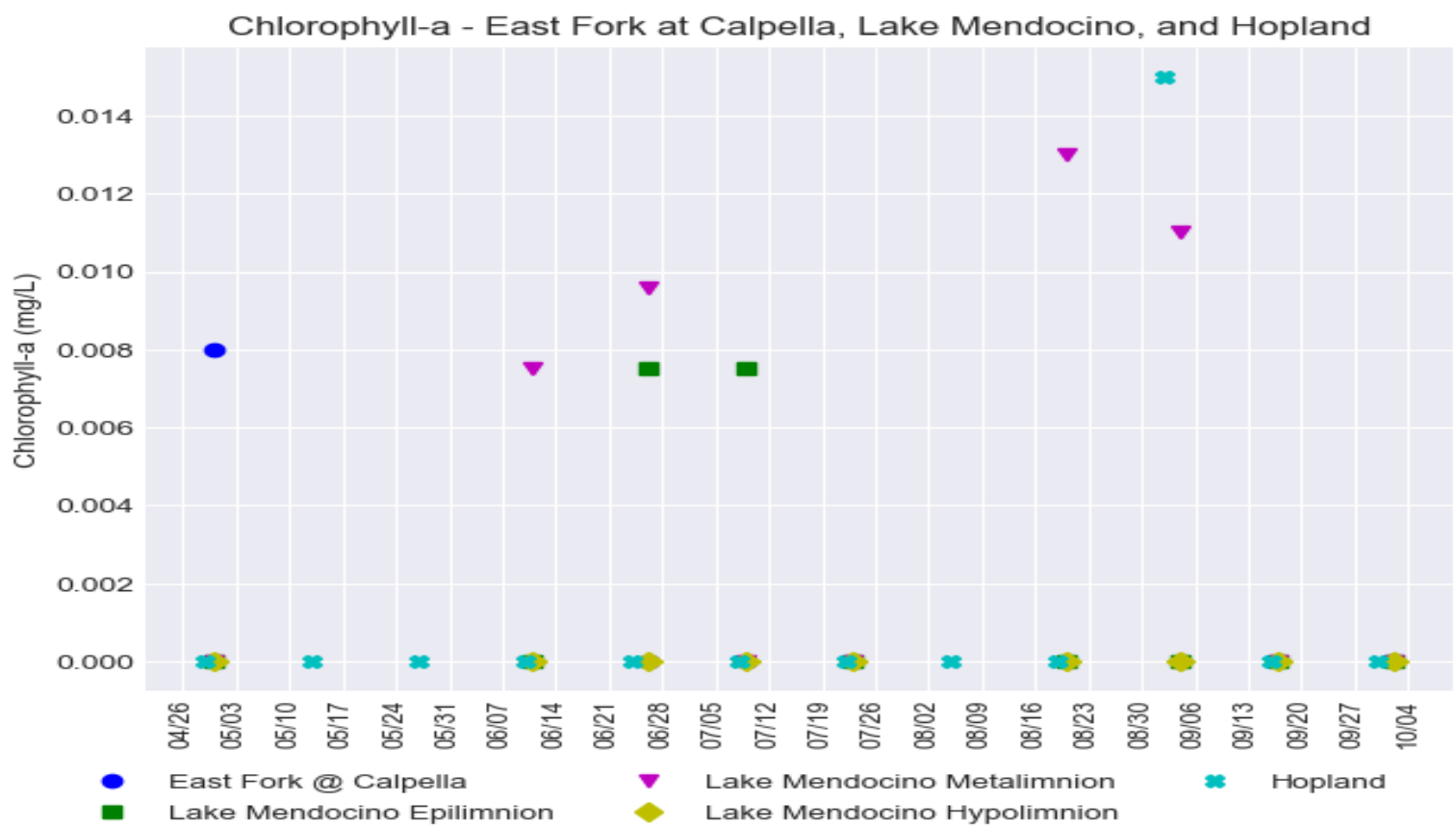
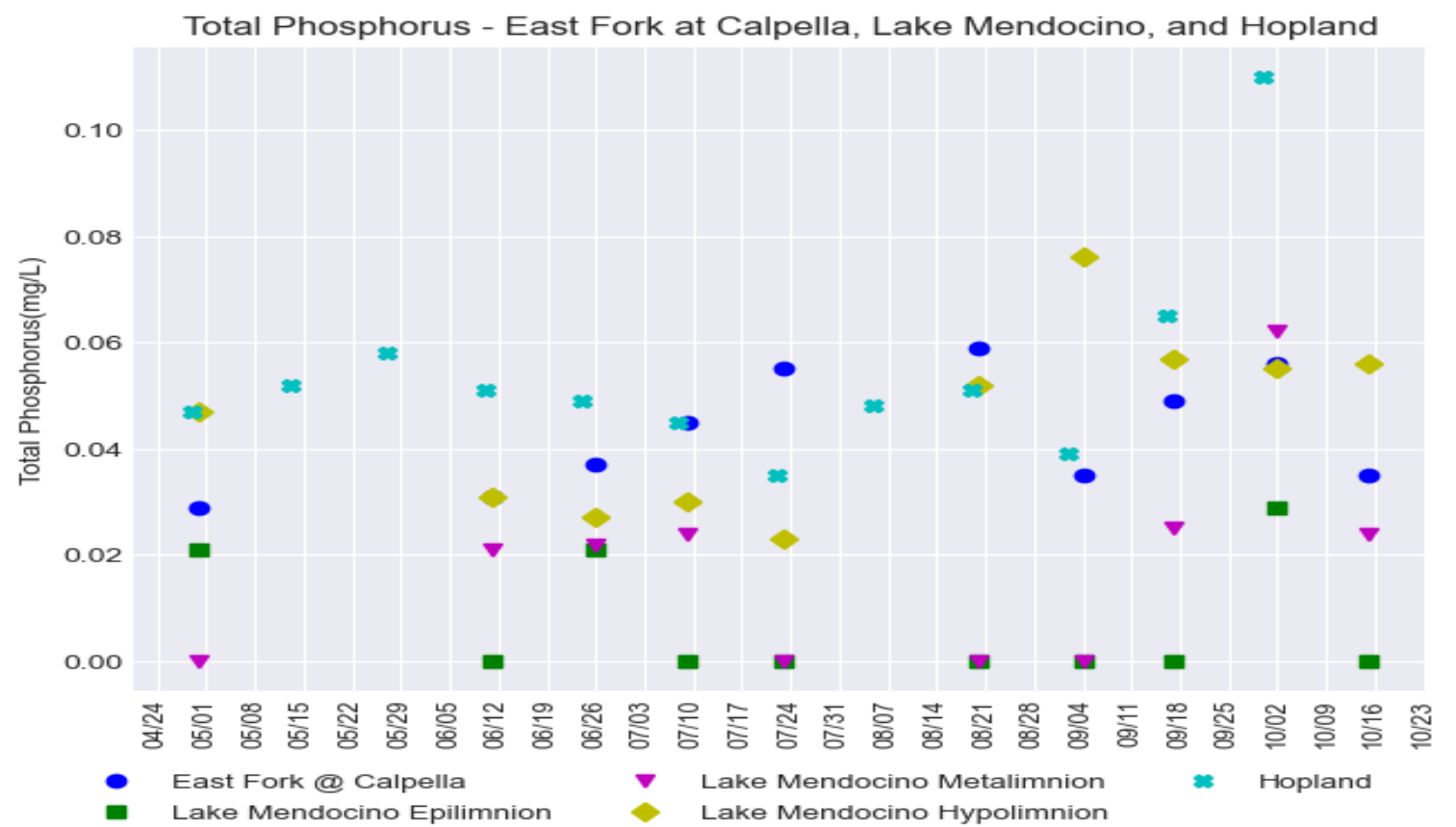


Russian River Water Quality Grab Samples

Provisional Data Subject to Revision

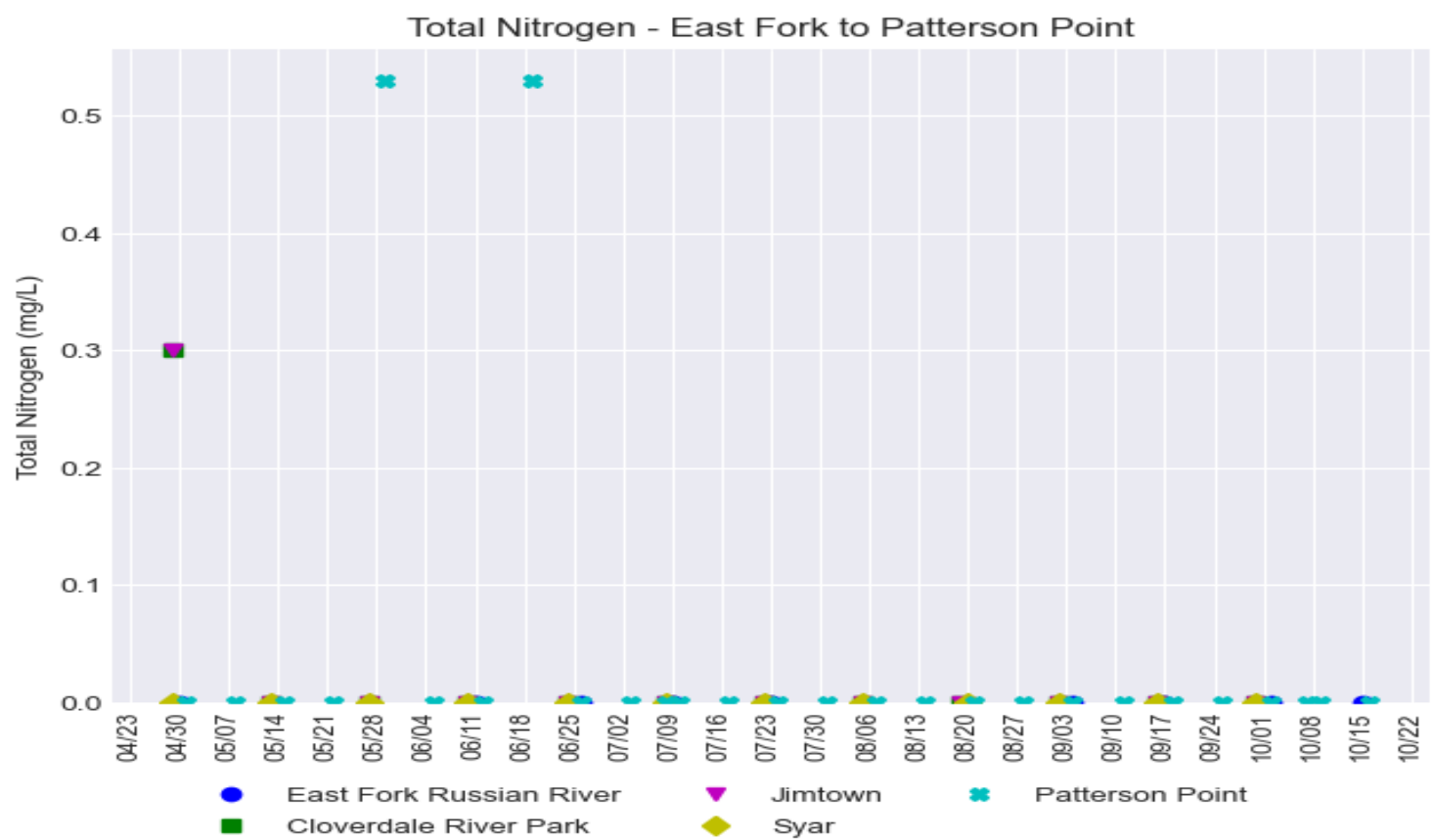
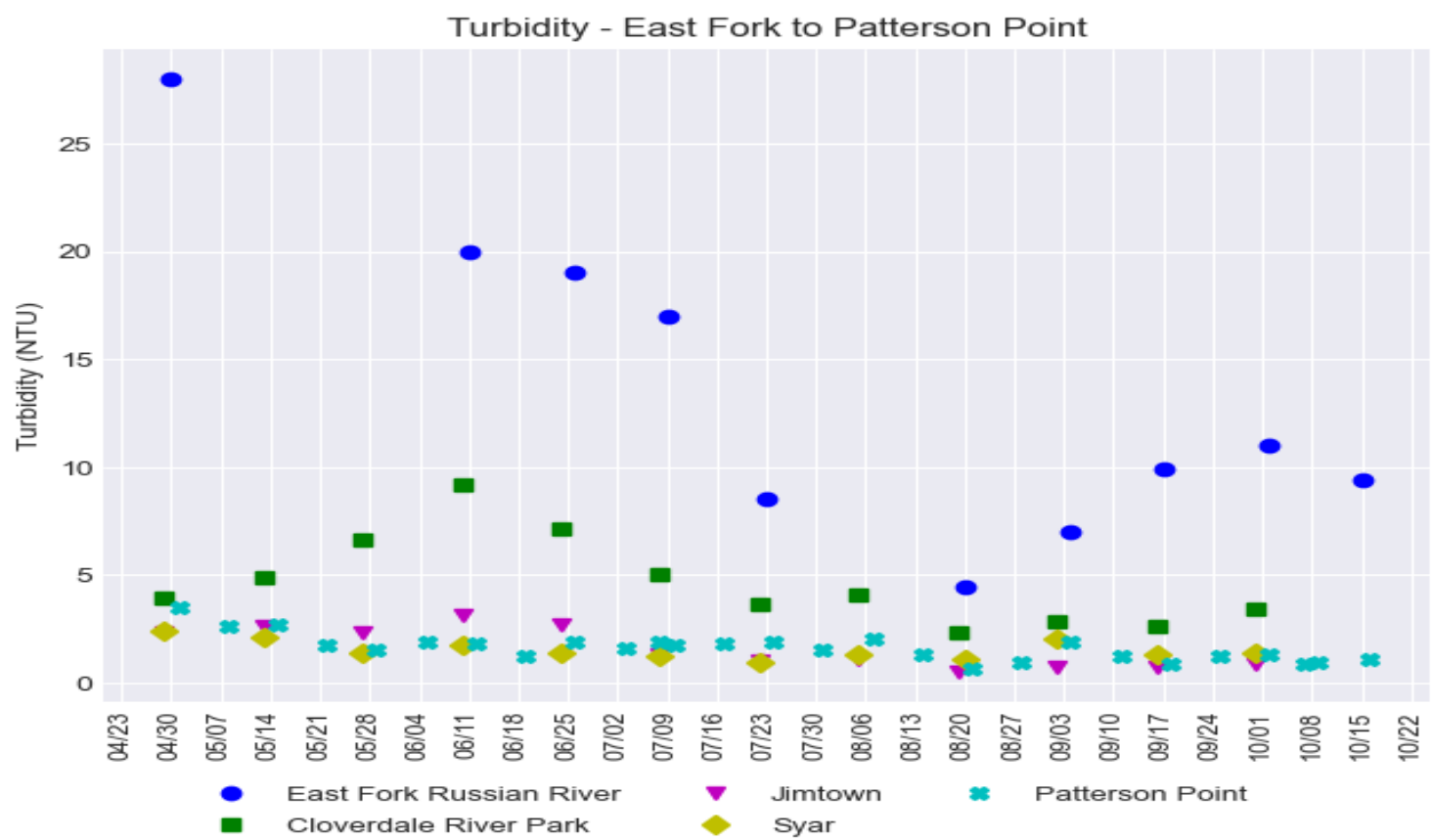
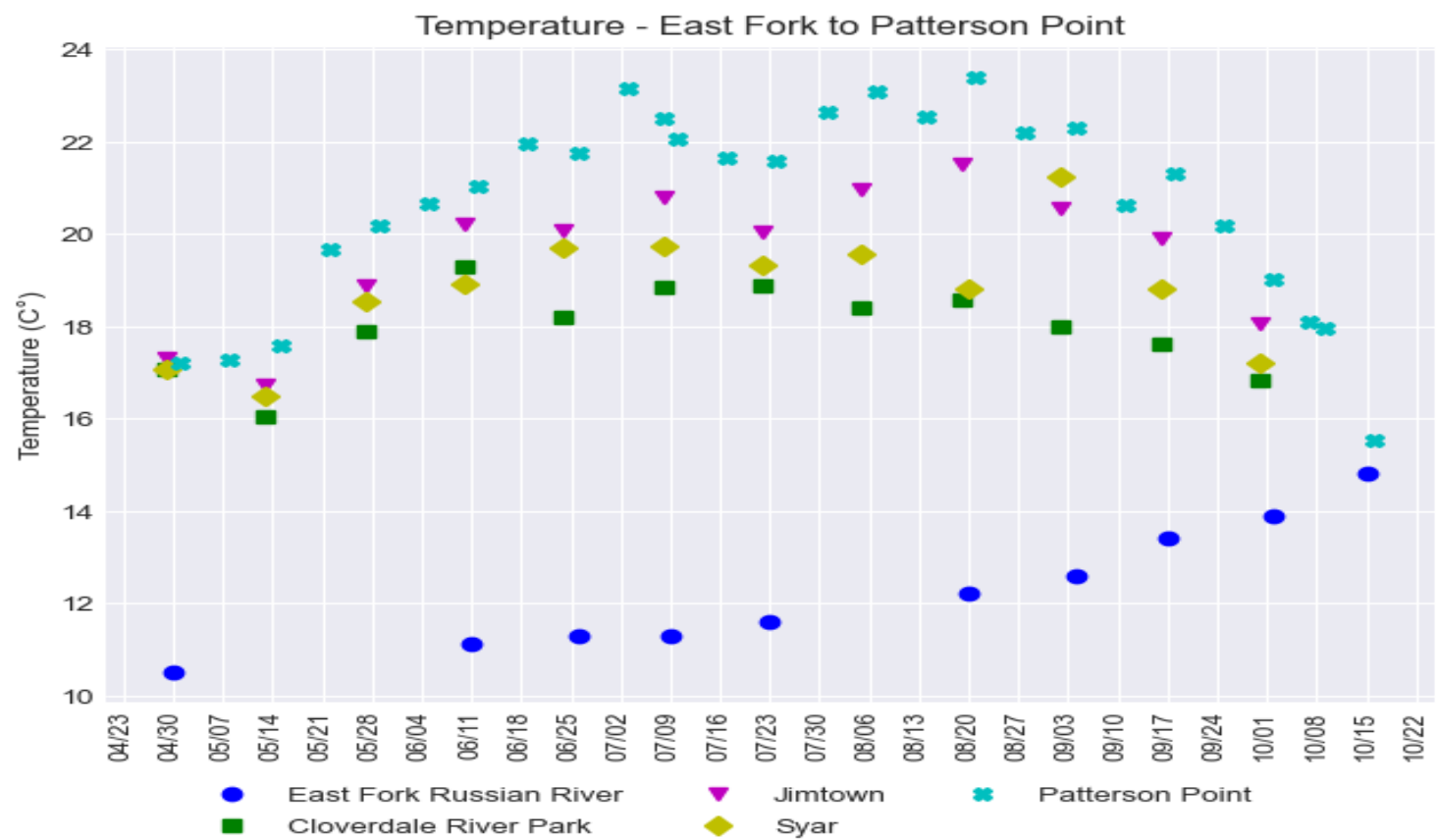


Russian River Water Quality Grab Samples
Provisional Data Subject to Revision

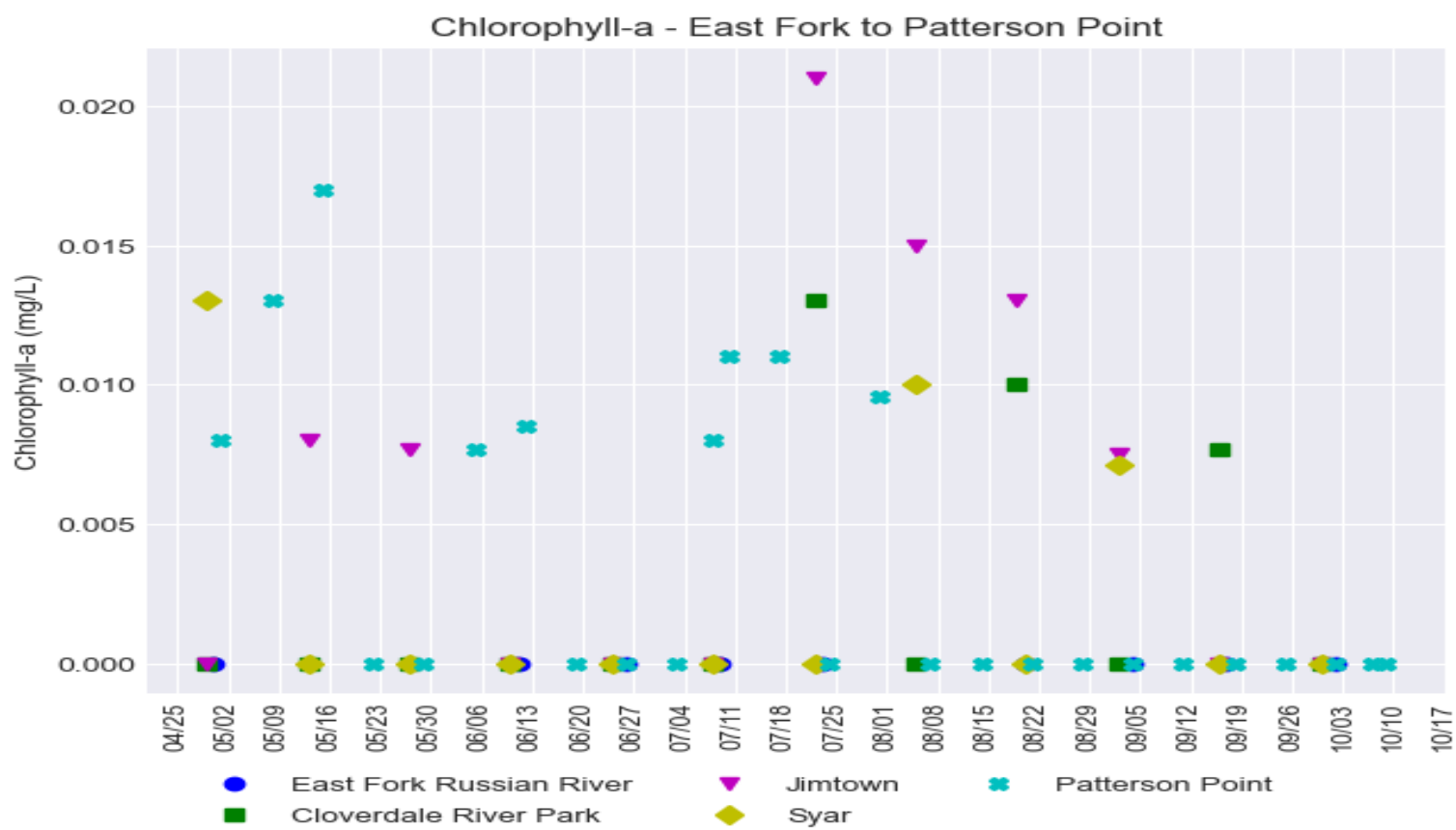
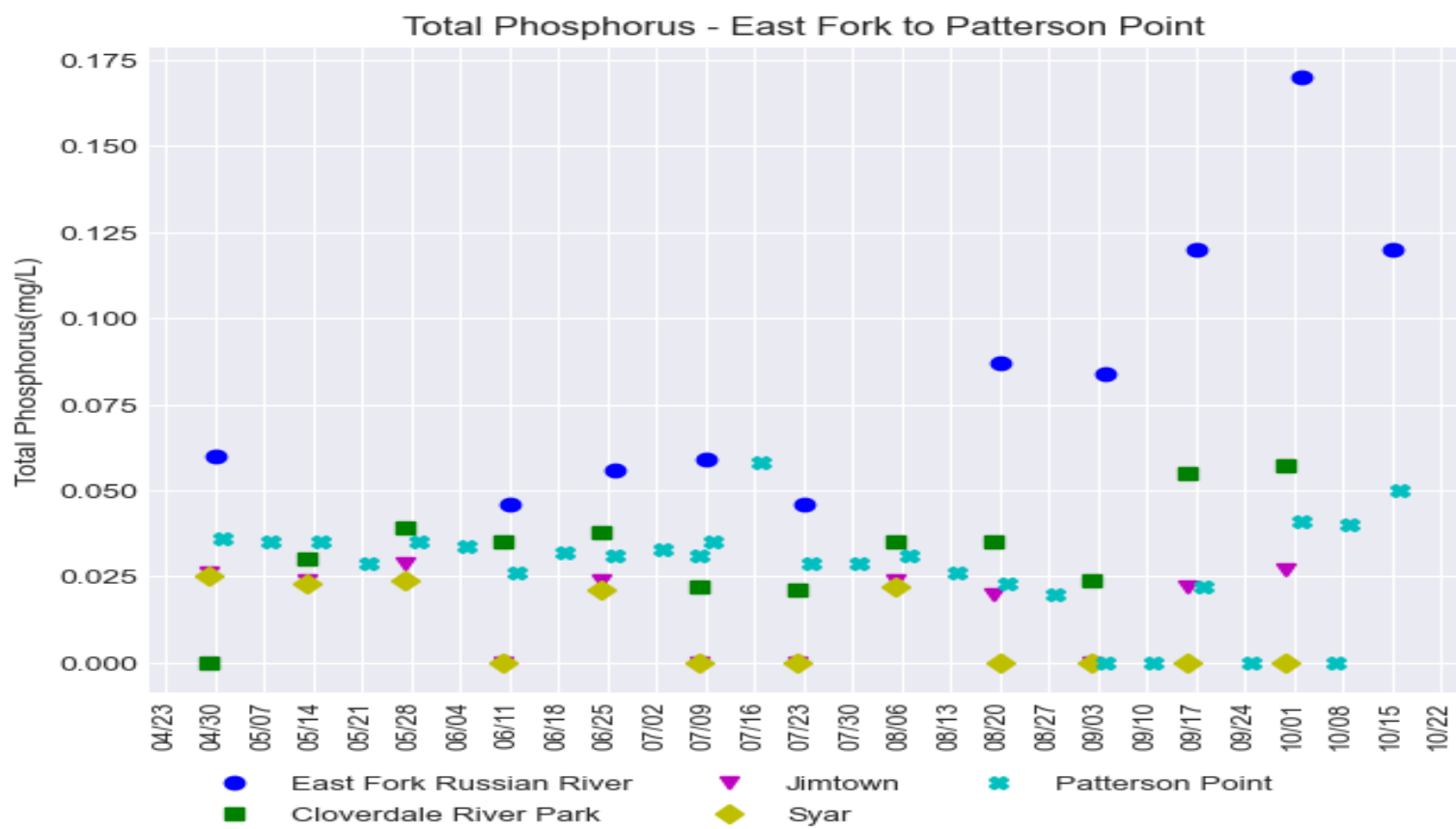


Russian River Water Quality Grab Samples

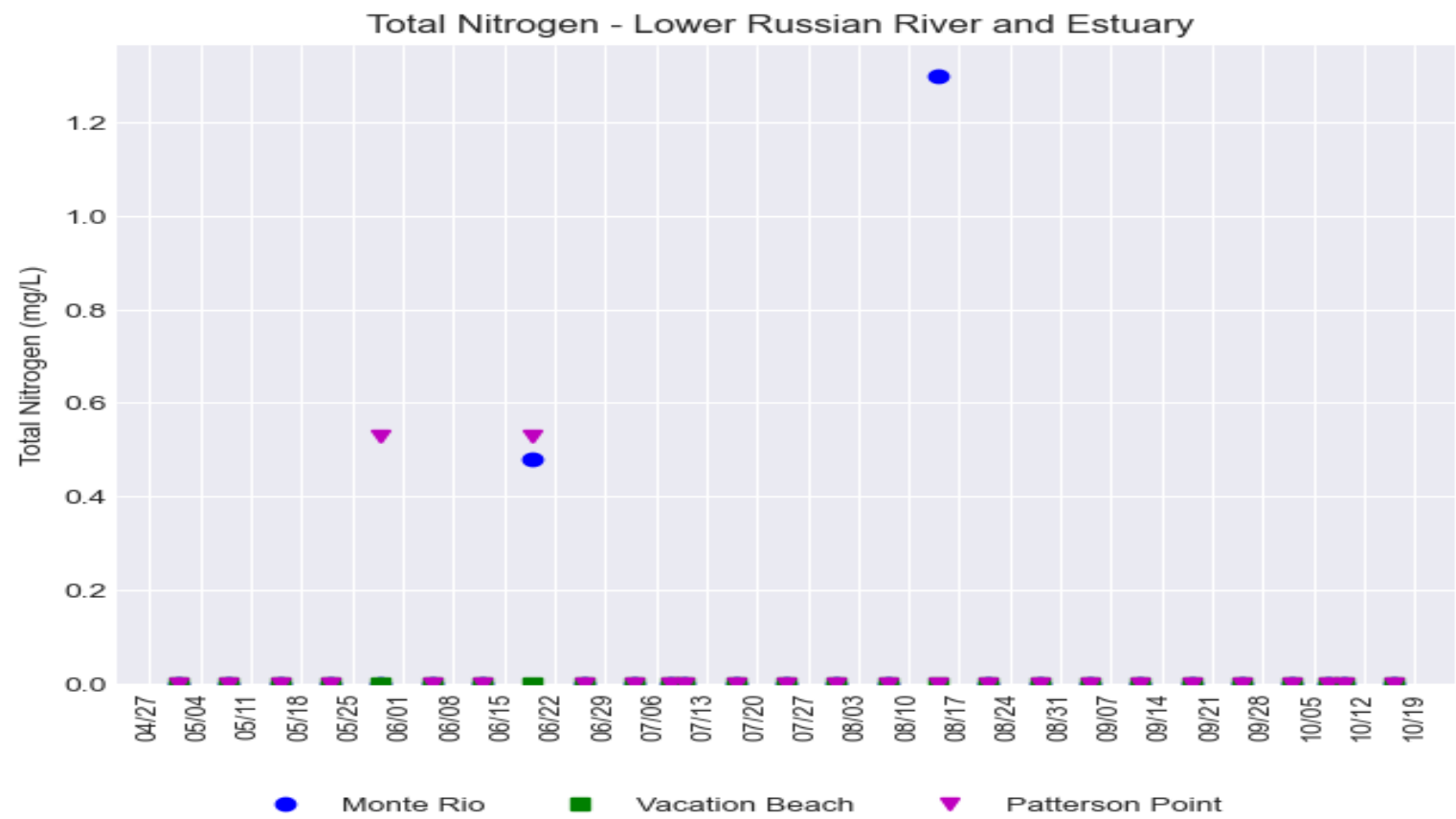
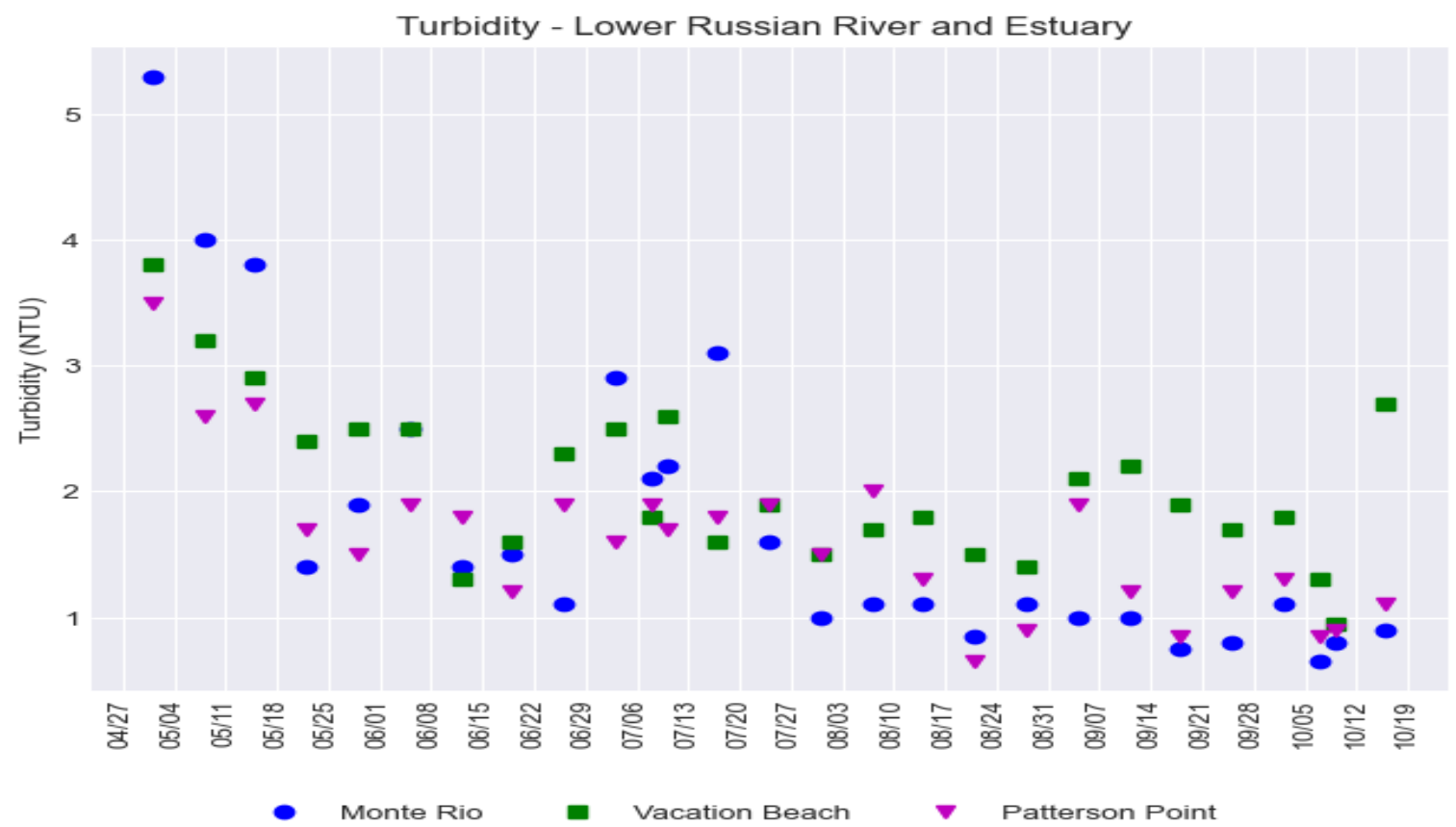
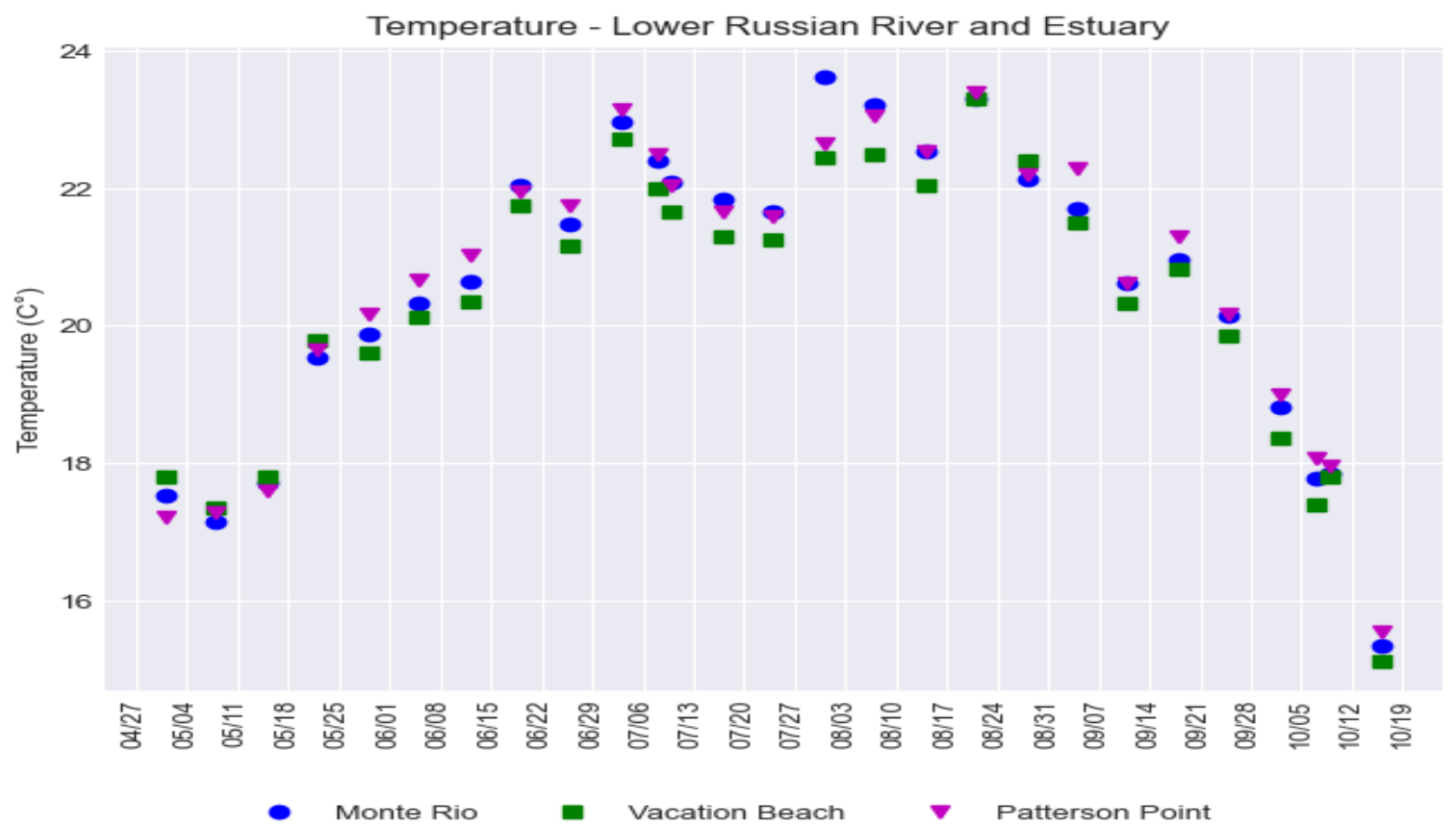
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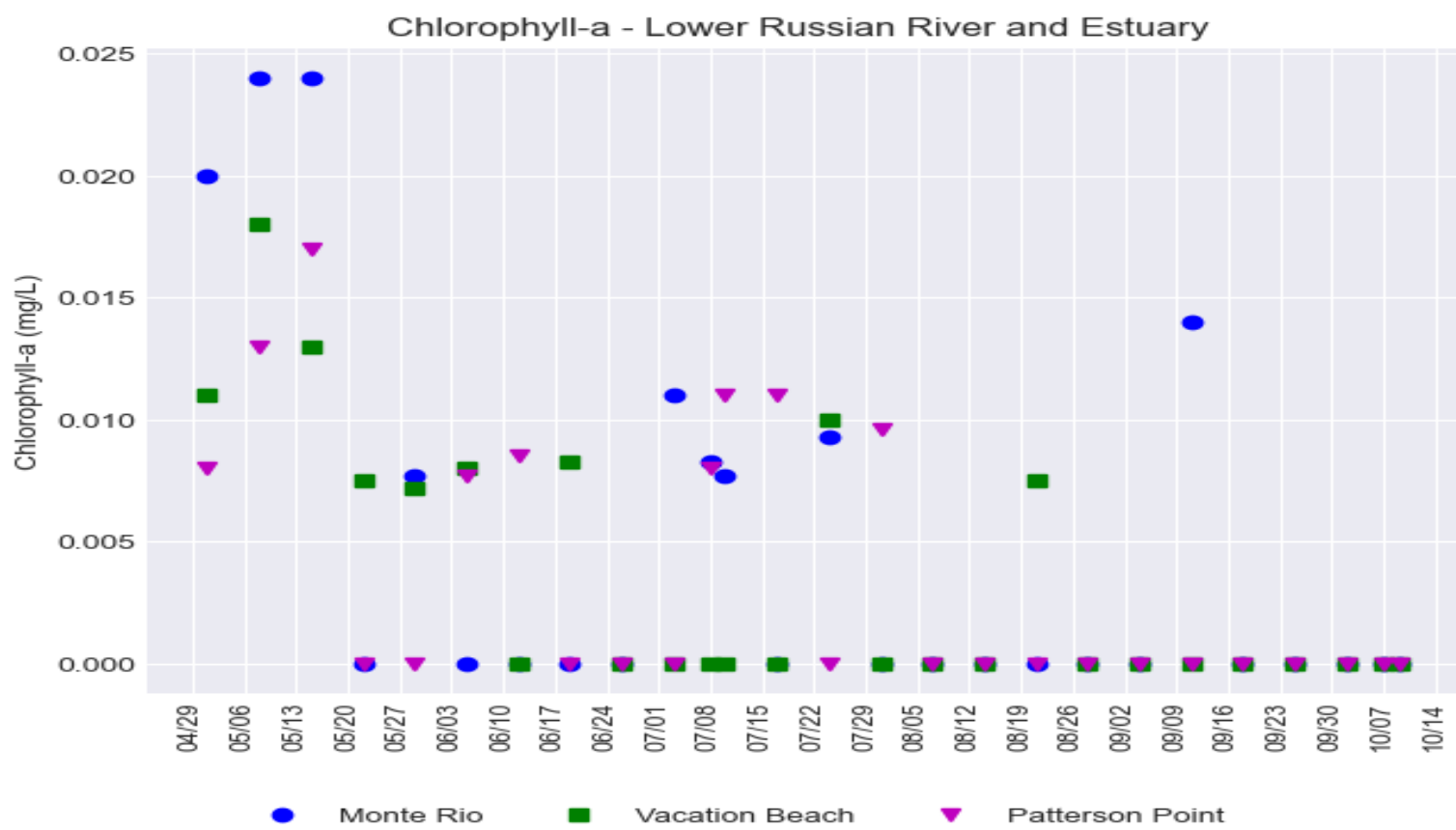
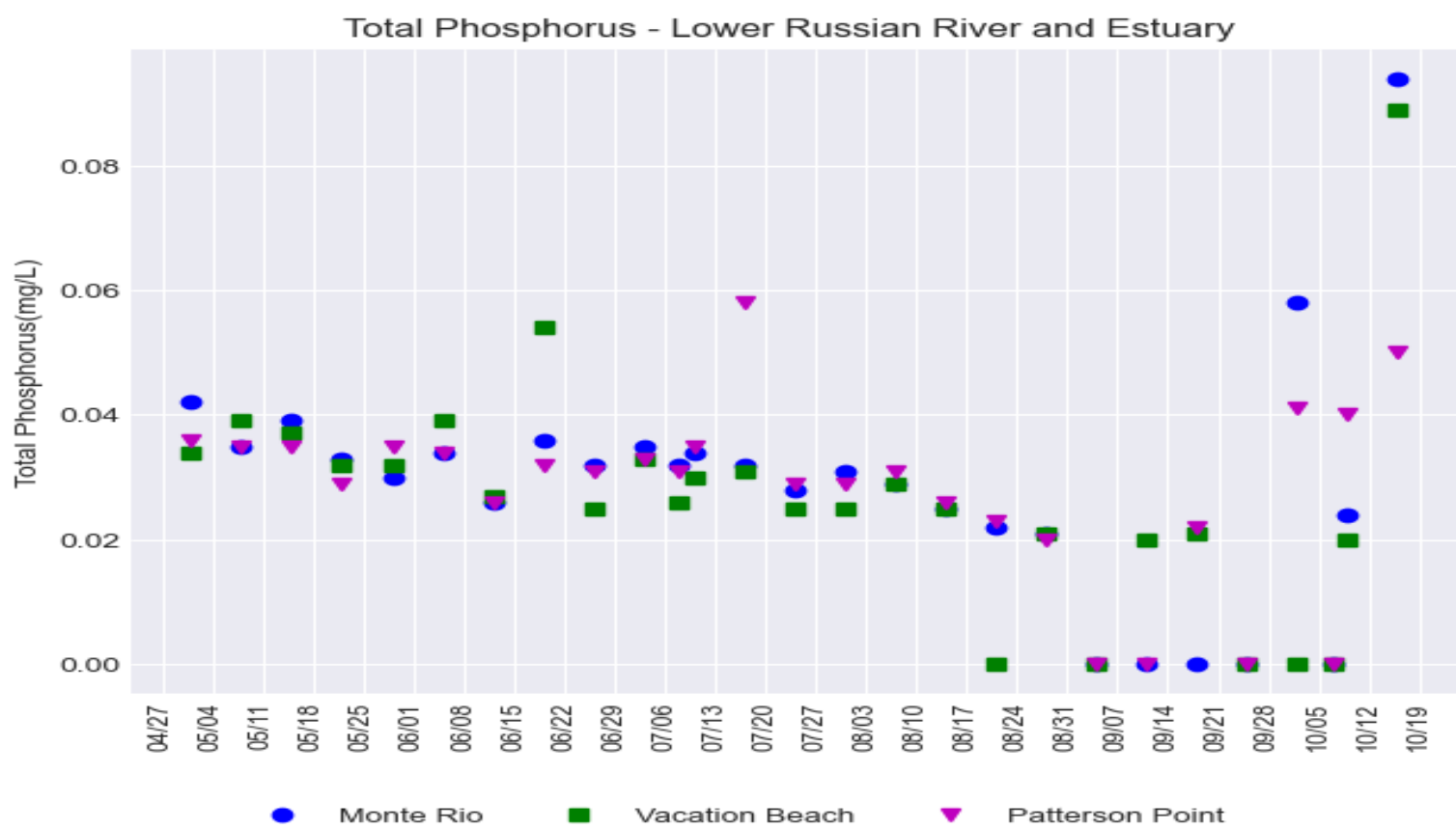
Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



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 (September 11 - October 23, 2025)
Provisional Data Subject to Revision

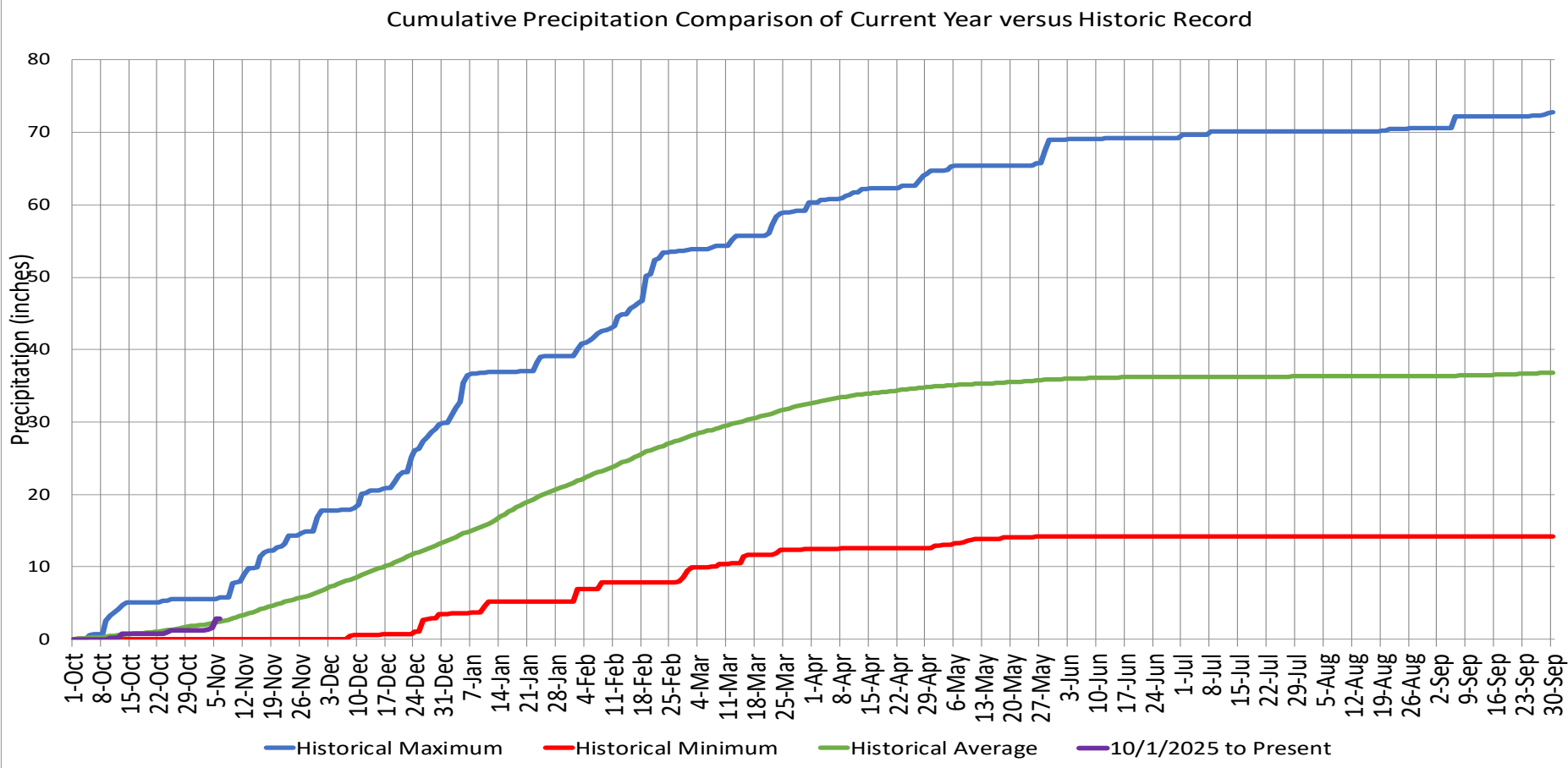
Russian River Estuary Standard Bacterial Indicators

Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	9/11/2025	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
		10/23/2025	866.4	488.4	344.8
E. Coli MPN/100 mL	235	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
		10/23/2025	101.4	36.9	8.5
Enterococcus MPN/100 mL ****	61	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
		10/23/2025	88.2	34.5	15.8

*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 - Nov 6, 2025	3.03
Last 7 Days*	1.60



Global Forecast System Model 16-day Cumulative Precipitation Forecast

