



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
October 10, 2025 - October 16, 2025

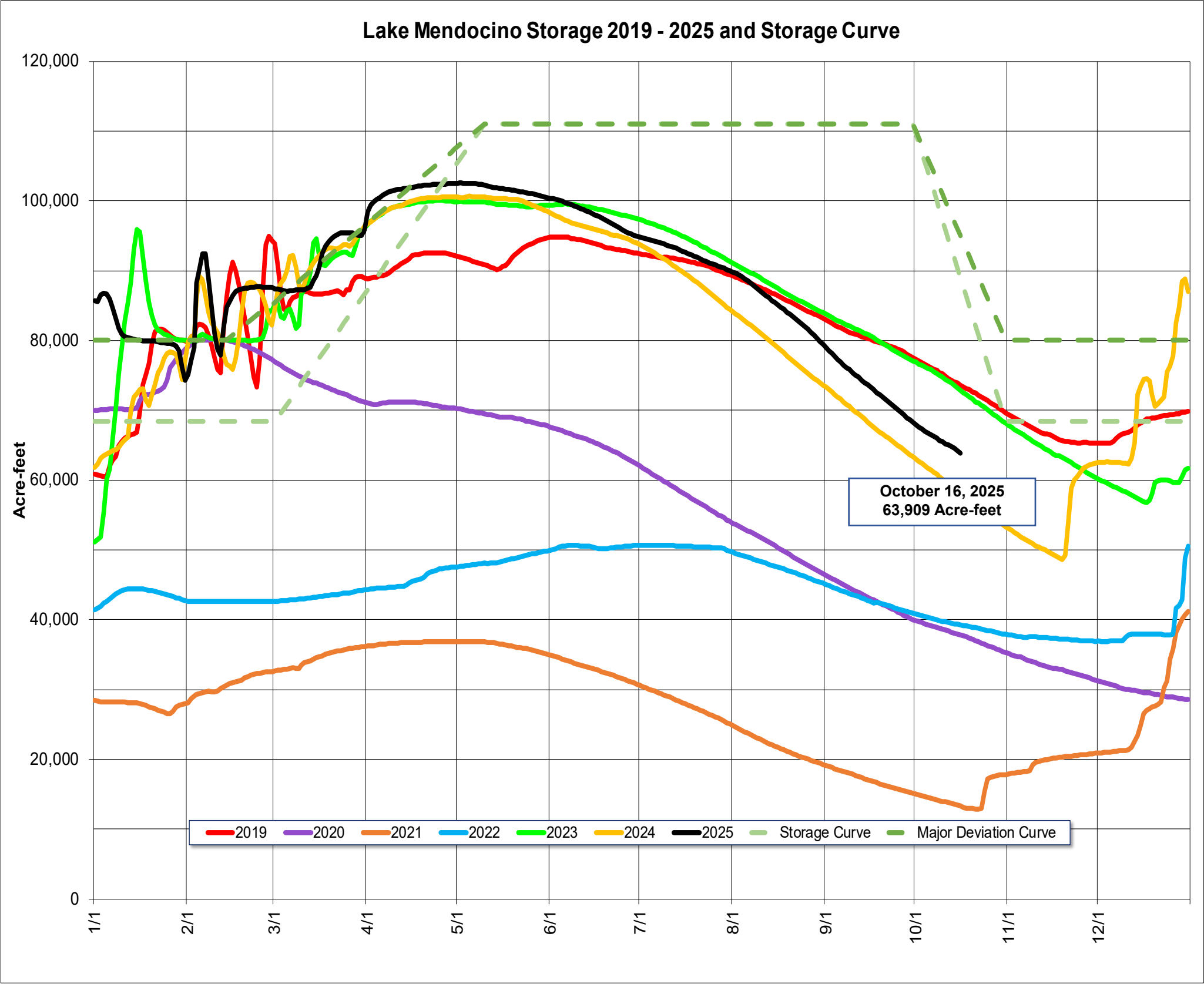
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of October 16, 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

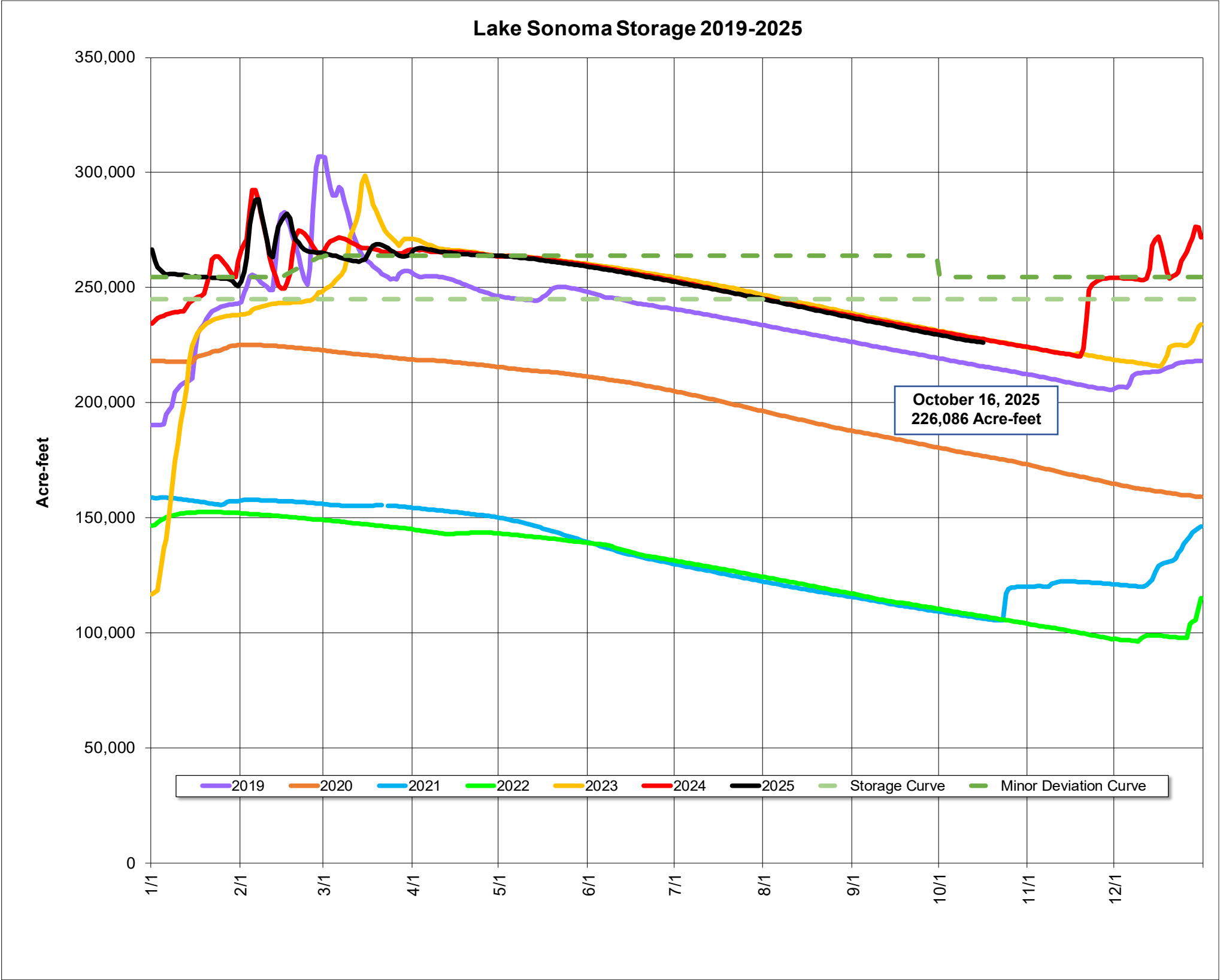


Storage (acre-feet)	October 16, 2025	63,909	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-9,424	-314
	Last 7 days	-1,571	-224
Daily Inflow (cfs)	Last 7 days	Min	4
		Max	84
		Mean	33
Release (cfs)	Last 7 days	Min	138
		Max	228
		Mean	157

Lake Sonoma



Todd Schram, February 10 , 2024



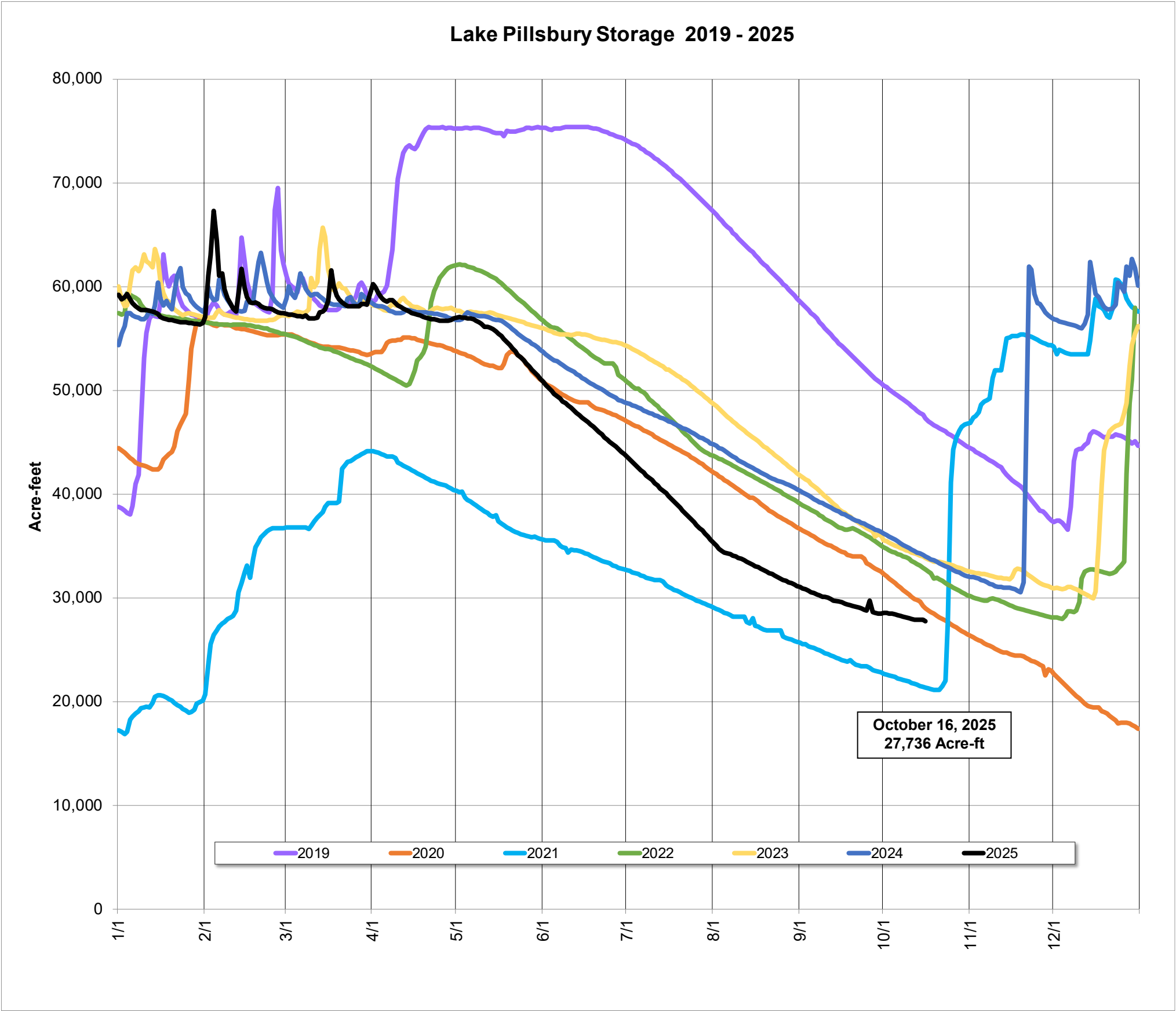
Storage (acre-feet)	October 16, 2025	226,086	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,969	-232
	Last 7 days	-1,152	-165
Daily Inflow (cfs)	Last 7 days	Min	4
		Max	66
		Mean	19
Release (cfs)	Last 7 days	Min	110
		Max	112
		Mean	111

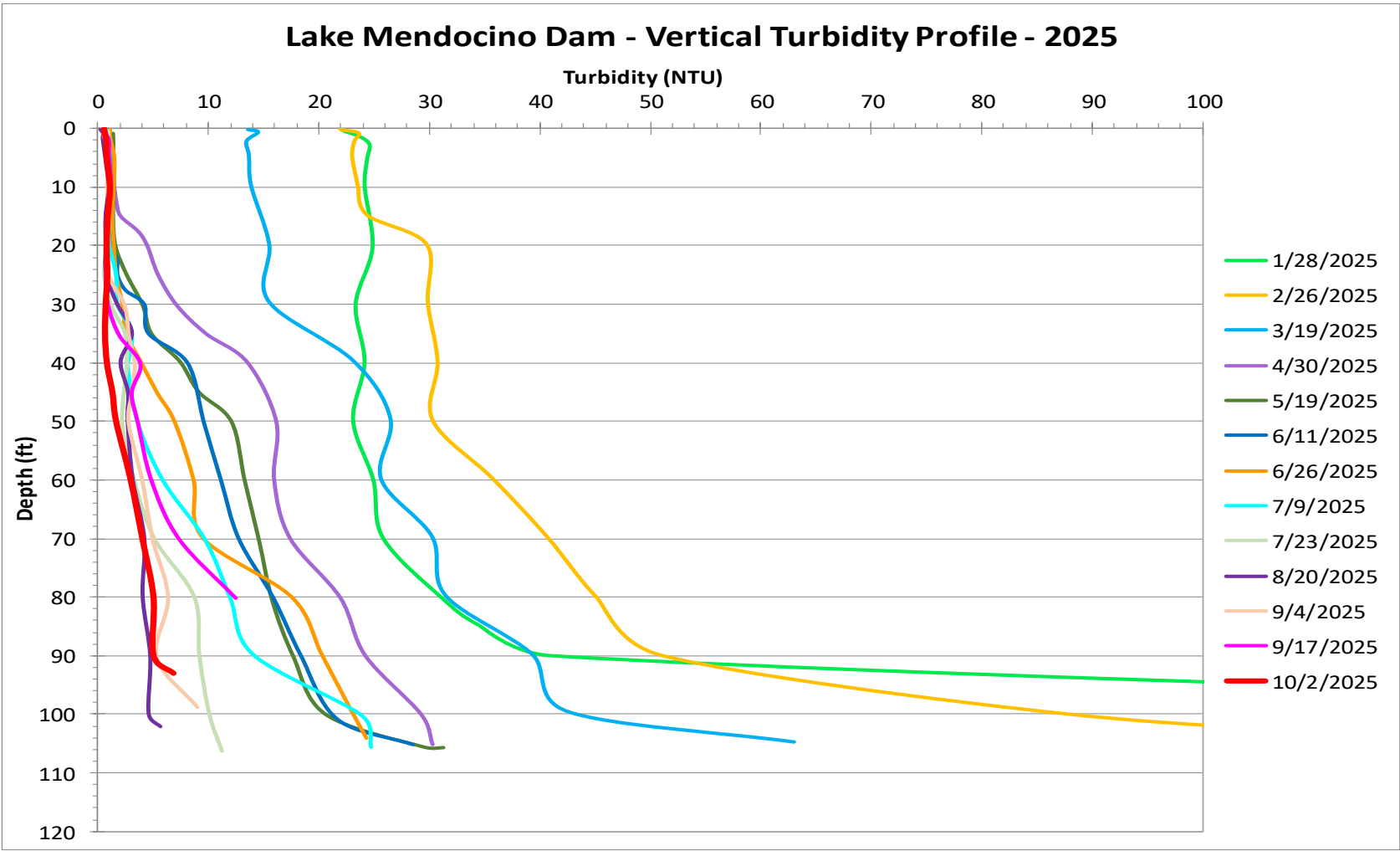
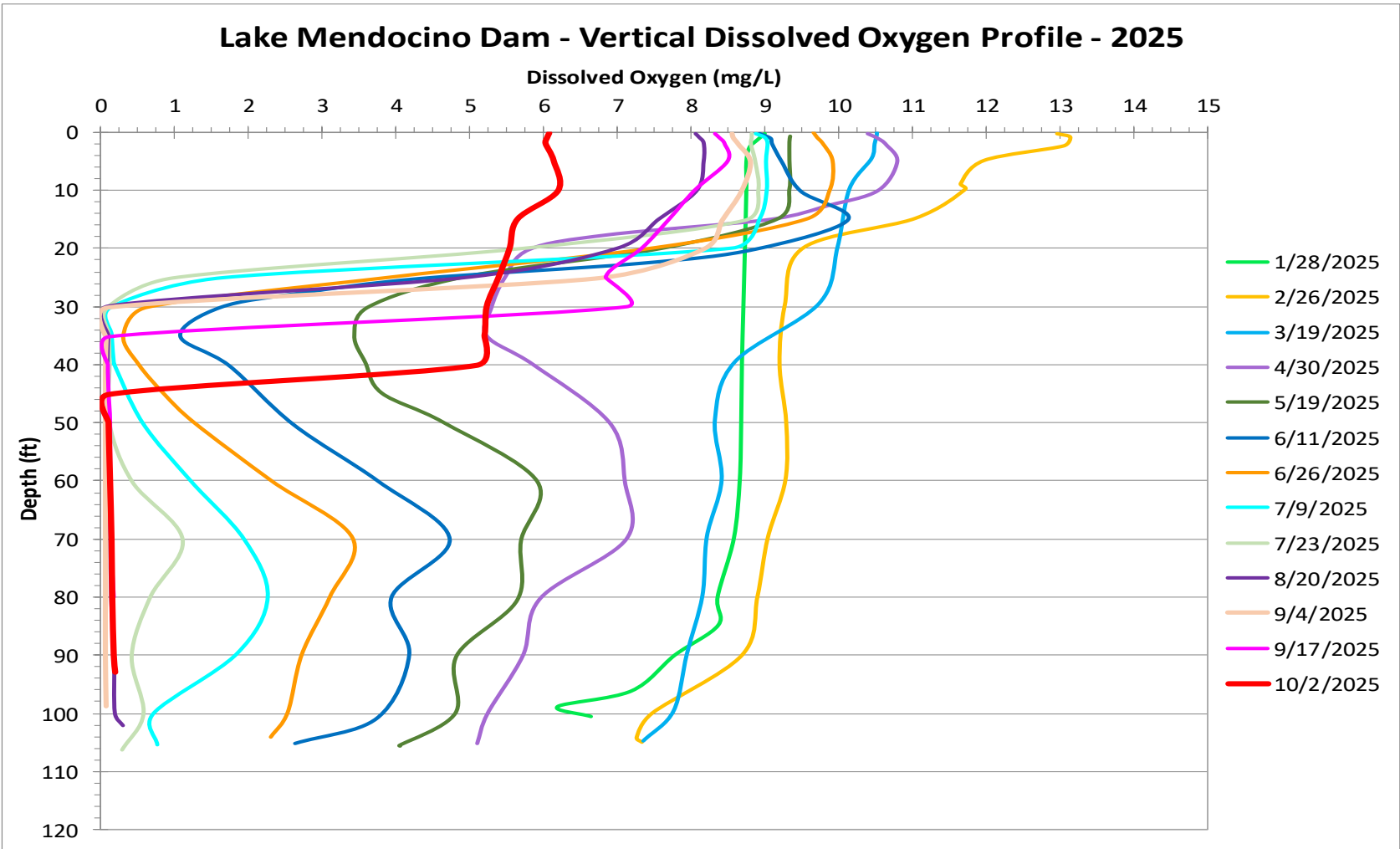
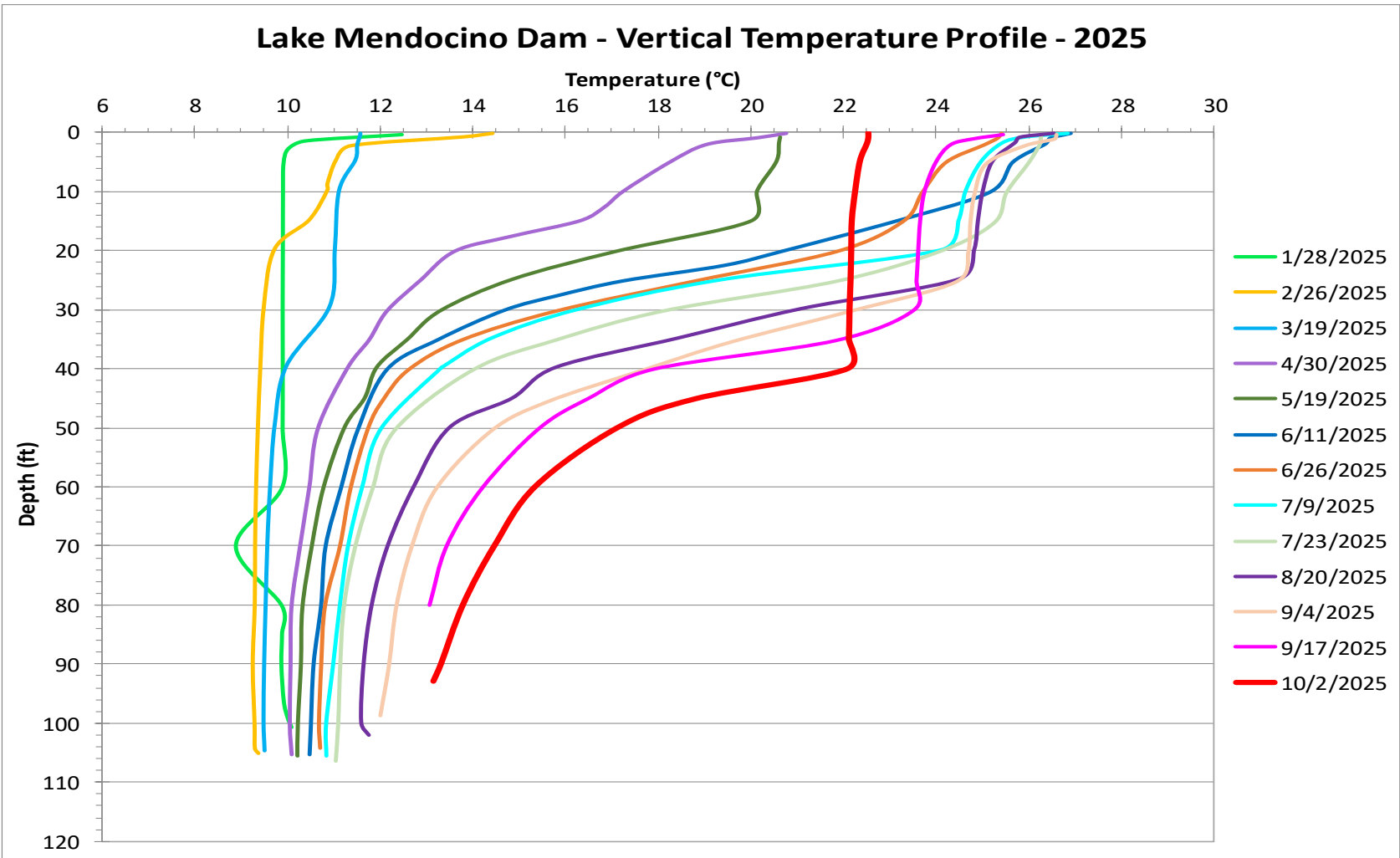
Potter Valley Project

PVP Diversion (cfs)	October 16, 2025	16
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - October 16, 2025	1,157	72
	Last 7 days	617	88

*Inflow calculation based on criteria established in D1610

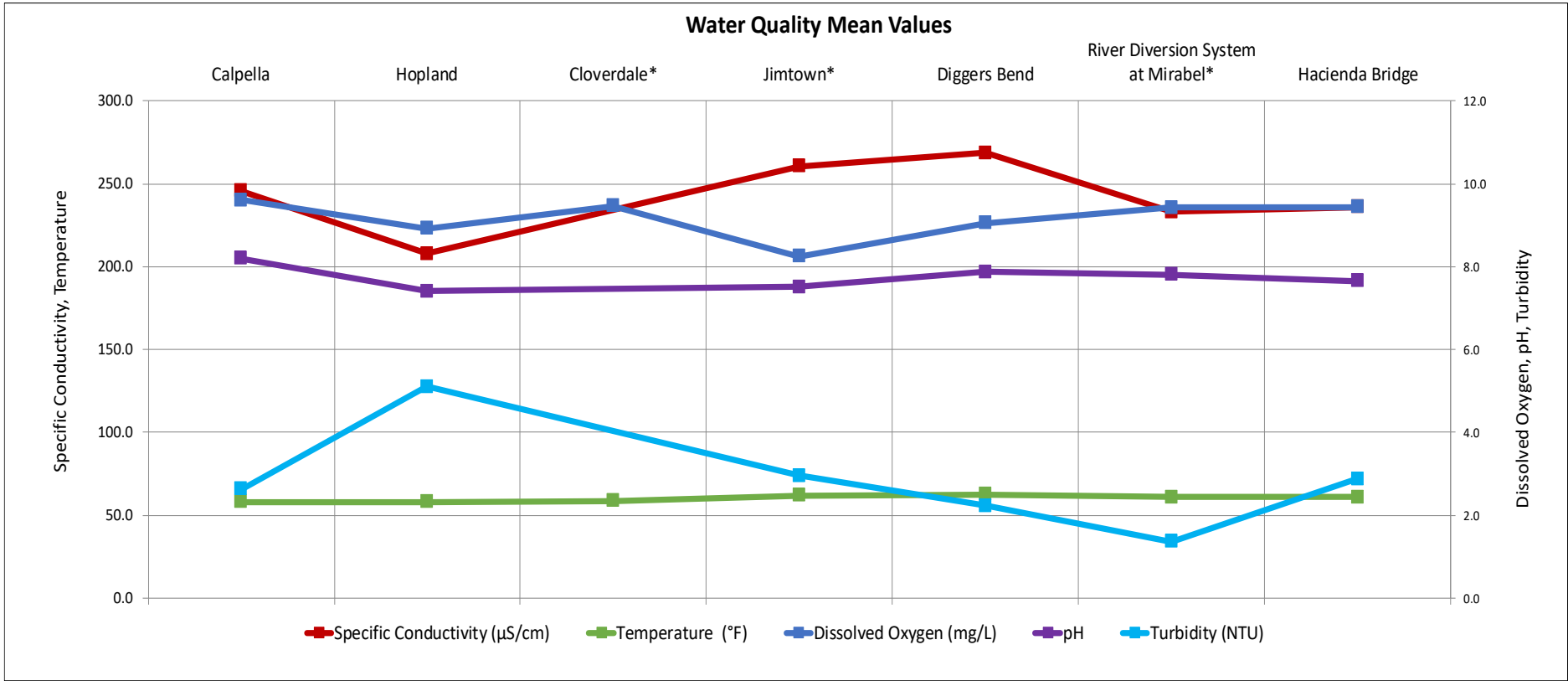




Russian River Flows (October 10, 2025 - October 16, 2025)

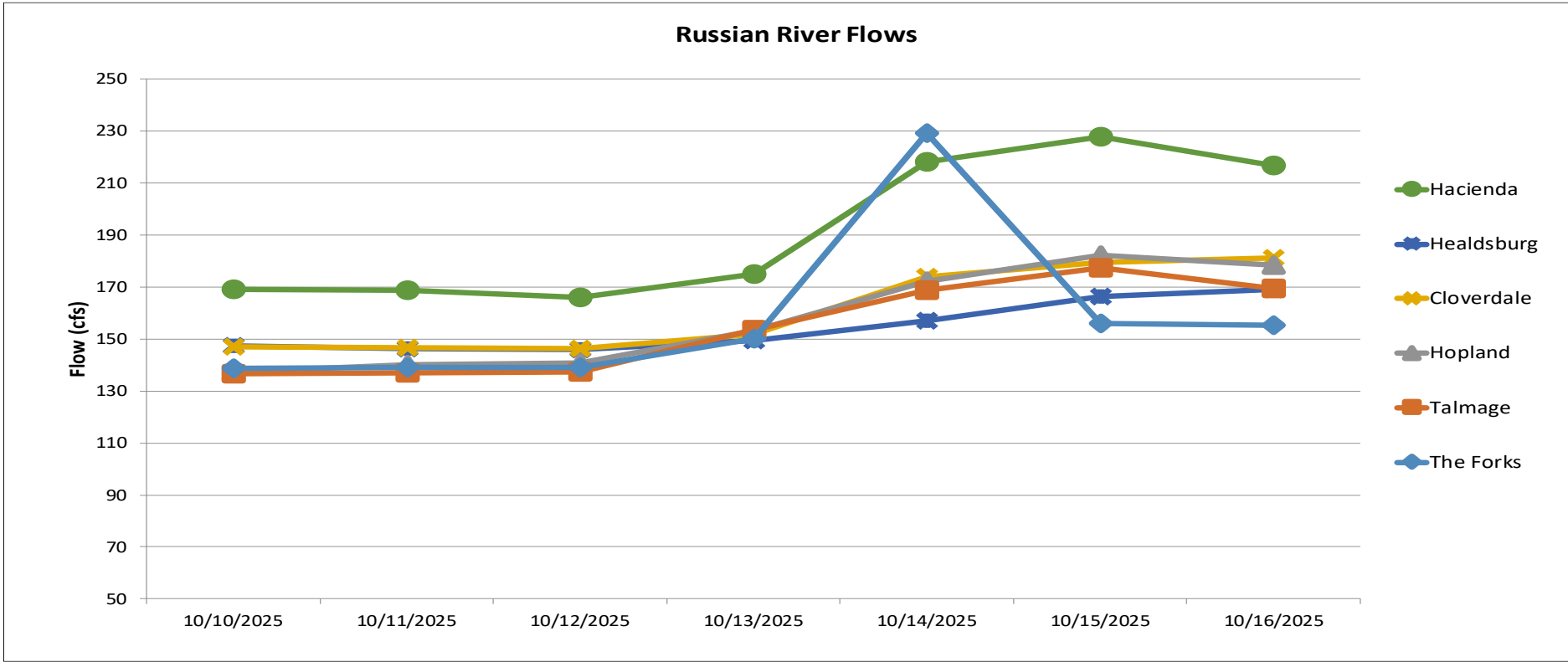
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	54.9	56.1	56.1	59.0	59.2	58.0	57.6	
	Max	61.3	59.9	61.9	65.1	66.2	63.0	63.9	
	Mean	58.0	58.0	58.5	62.0	62.5	61.0	61.0	
Specific Conductivity (µS/cm)	Min	232.0	198.0		256.0	265.0	224.5	225.0	
	Max	253.0	217.0		265.0	272.0	243.3	272.0	
	Mean	245.9	207.7		260.6	268.6	233.2	236.2	
Dissolved Oxygen (mg/L)	Min	9.0	8.5	8.5	7.3	7.7	8.8	8.7	
	Max	10.5	9.5	10.8	9.7	11.1	10.1	10.8	
	Mean	9.6	8.9	9.5	8.3	9.0	9.4	9.4	
Dissolved Oxygen (% Saturation)	Min	89.8	82.5	84.7	76.0	81.0	86.8	84.8	
	Max	102.8	93.8	109.0	102.0	114.7	103.0	113.4	
	Mean	94.2	87.5	93.3	84.8	93.6	95.7	95.9	
pH	Min	8.1	7.3		7.4	7.7	7.7	7.4	
	Max	8.4	7.5		7.7	8.2	7.9	8.0	
	Mean	8.2	7.4		7.5	7.9	7.8	7.7	
Turbidity (NTU)	Min	1.1	3.5		1.5	1.4	0.8	1.7	
	Max	11.9	7.4		6.3	3.1	3.3	6.0	
	Mean	2.6	5.1		3.0	2.2	1.4	2.9	

*Station operated seasonally



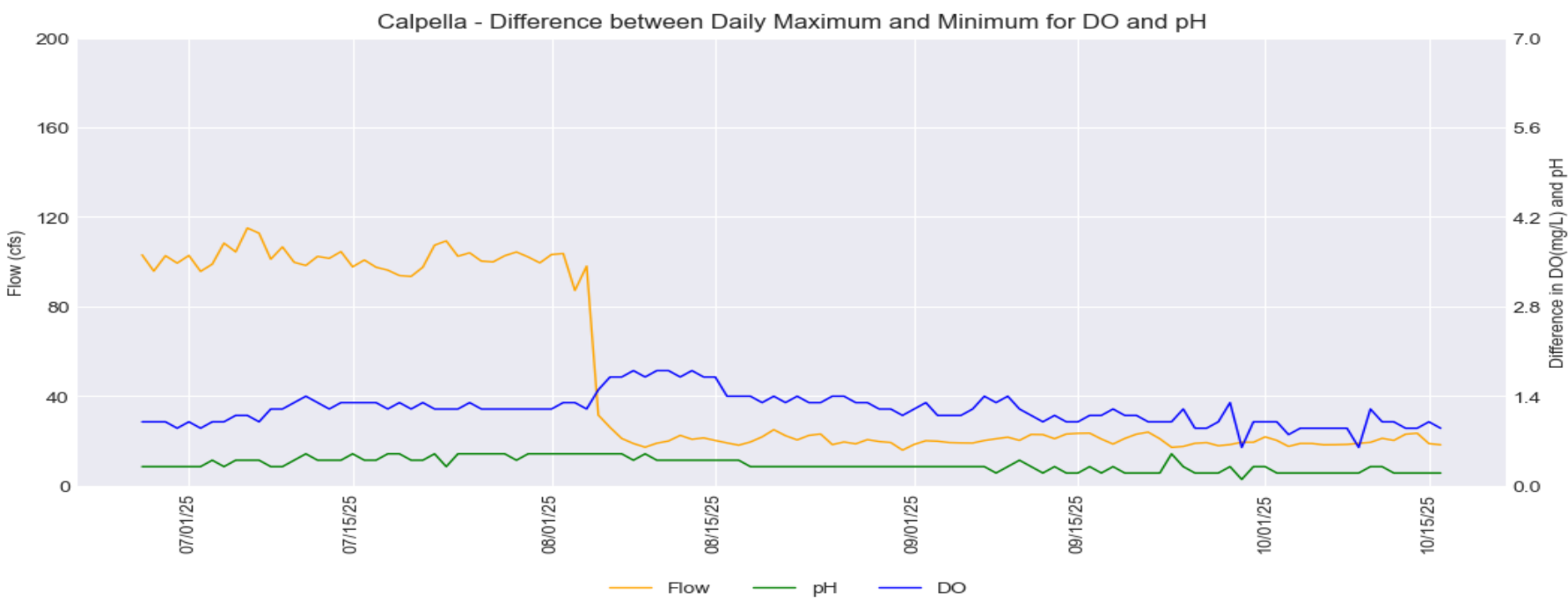
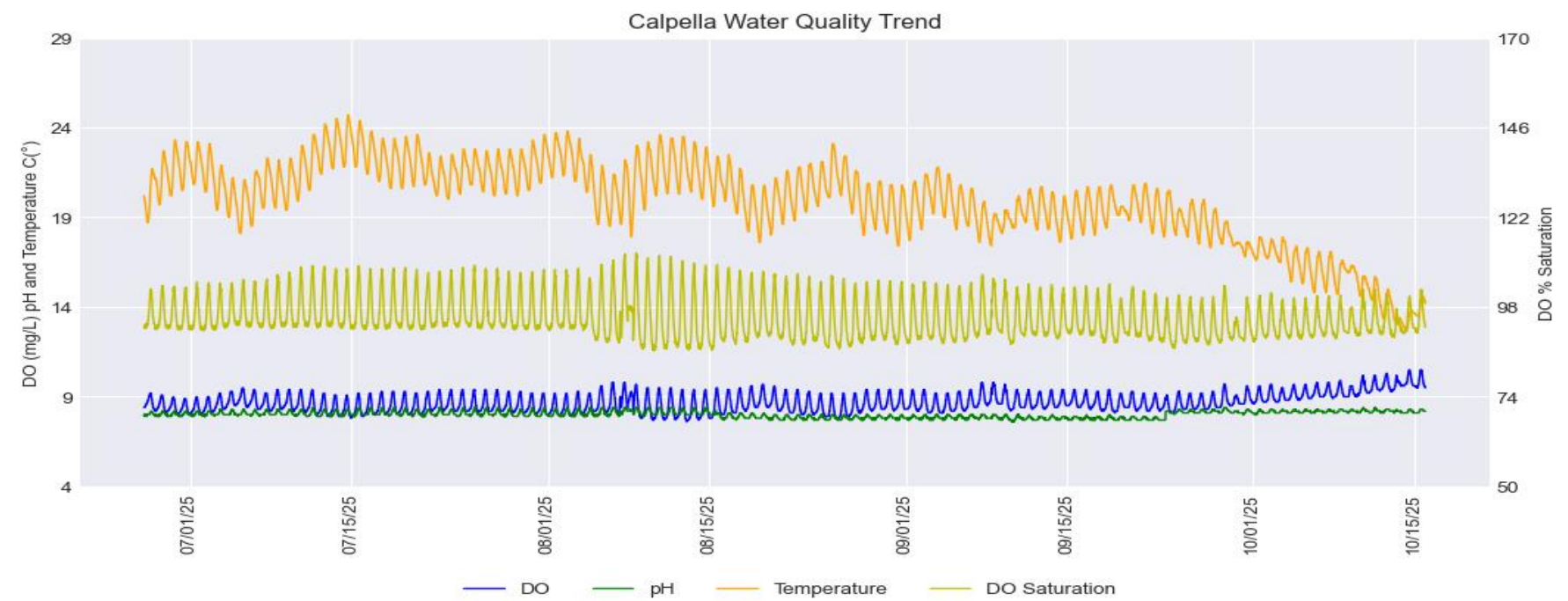
Gage	24-hr Average Flow (cfs)						
	Oct 10, 2025	Oct 11, 2025	Oct 12, 2025	Oct 13, 2025	Oct 14, 2025	Oct 15, 2025	Oct 16, 2025
The Forks*	139	139	139	150	229	156	155
Talmage USGS 11462080	136	137	137	153	169	177	169
Hopland USGS 11462500	137	140	141	153	172	182	178
Cloverdale USGS 11463000	147	147	146	152	174	179	181
Healdsburg USGS 11464000	147	146	146	149	157	166	169
Hacienda USGS 11467000	169	169	166	175	218	228	217

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

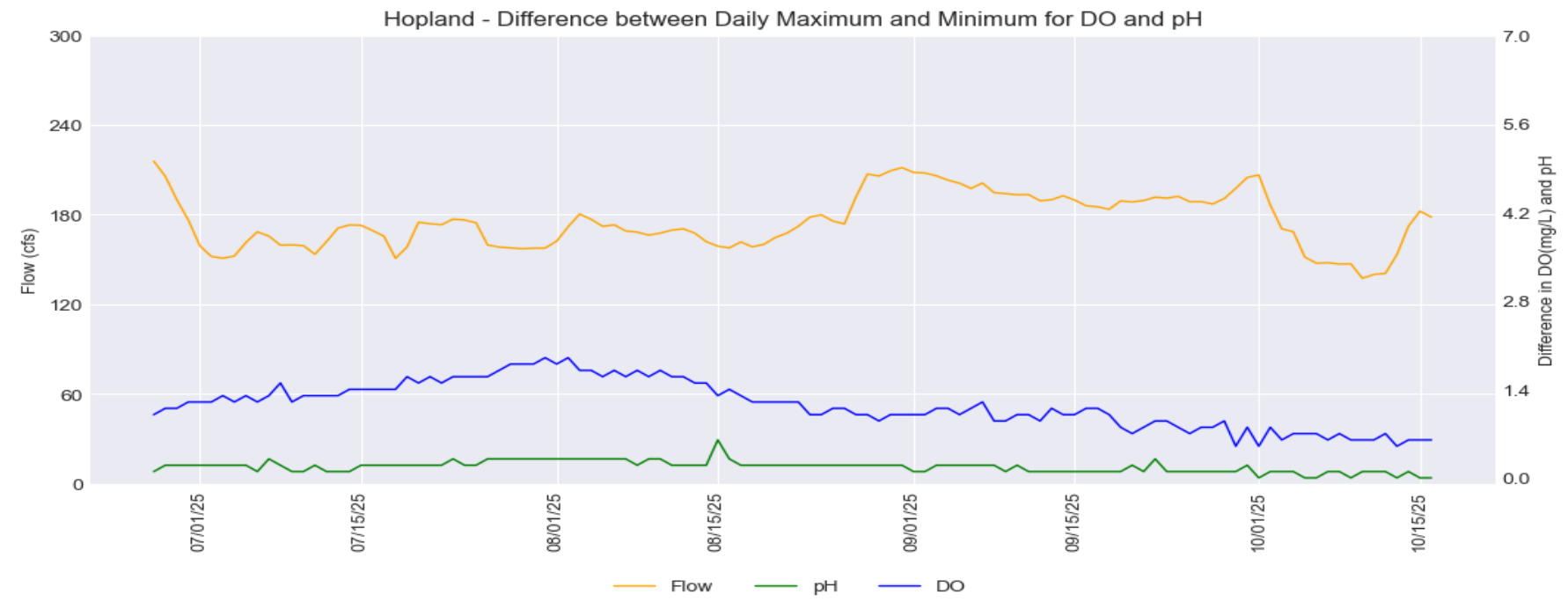
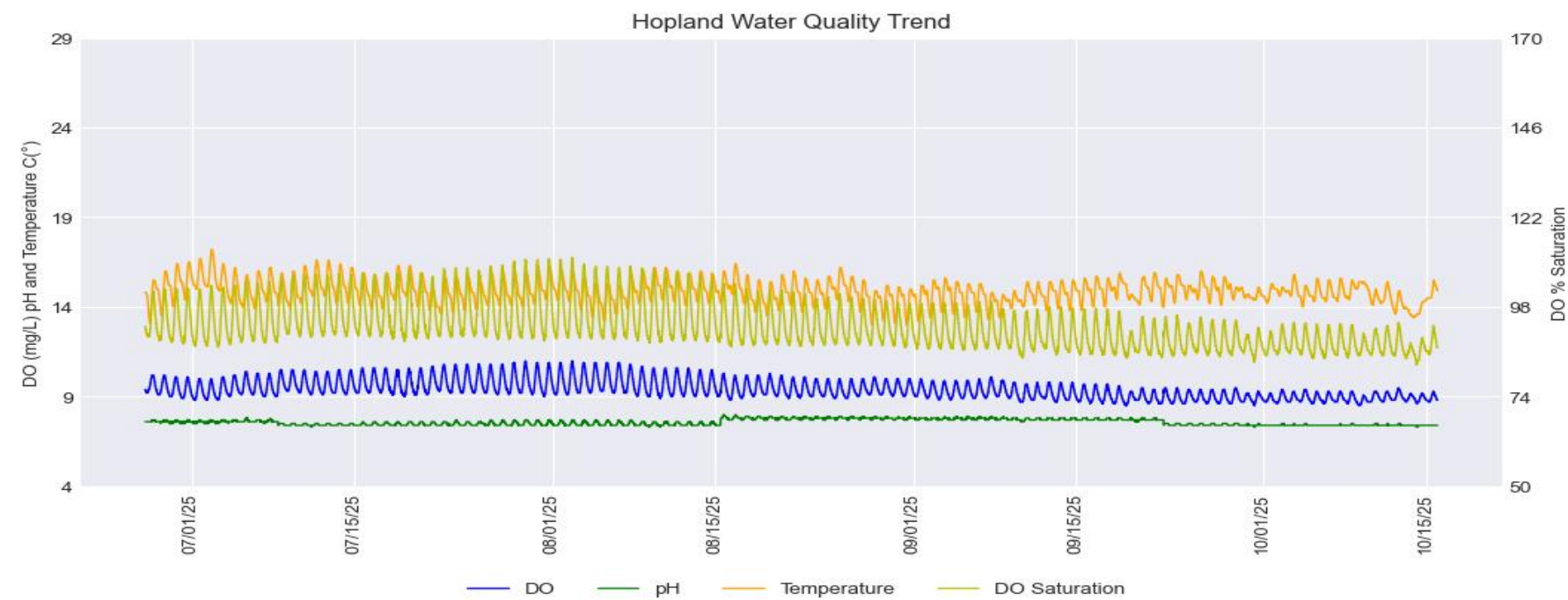


Russian River Water Quality June 27, 2025 – October 16, 2025
Provisional Data Subject to Revision

Calpella

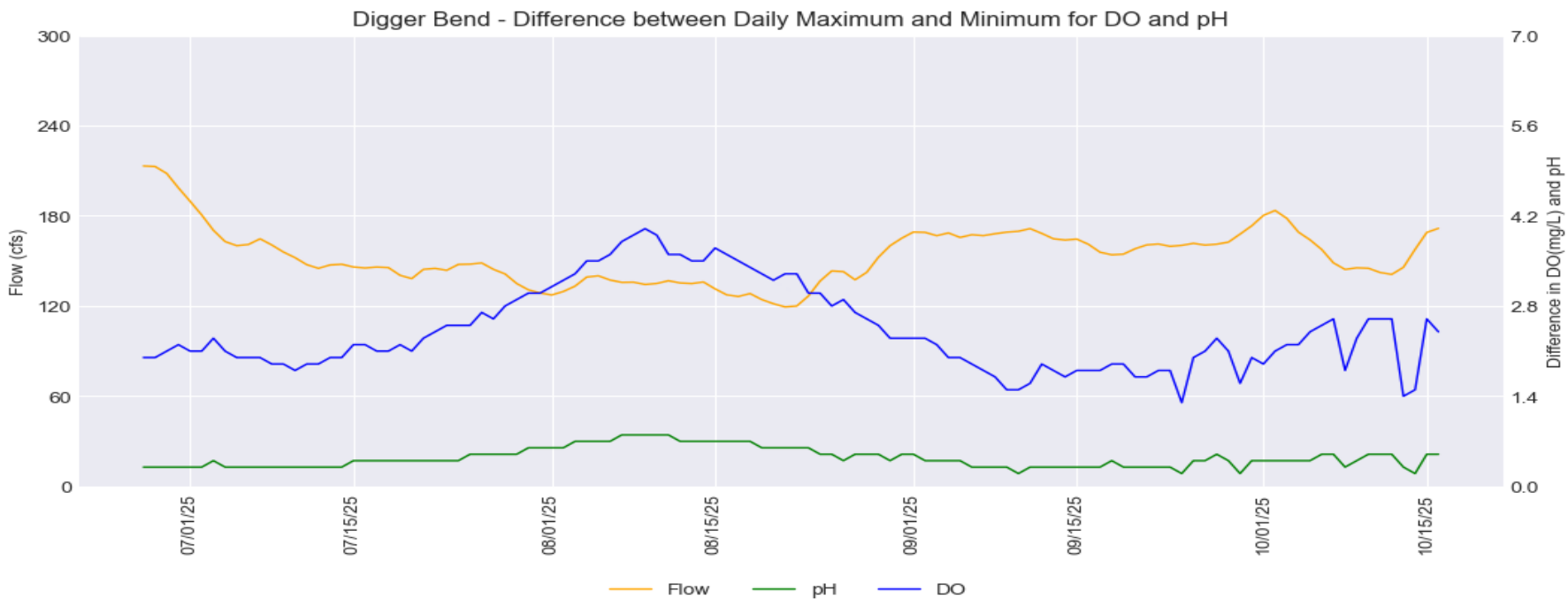
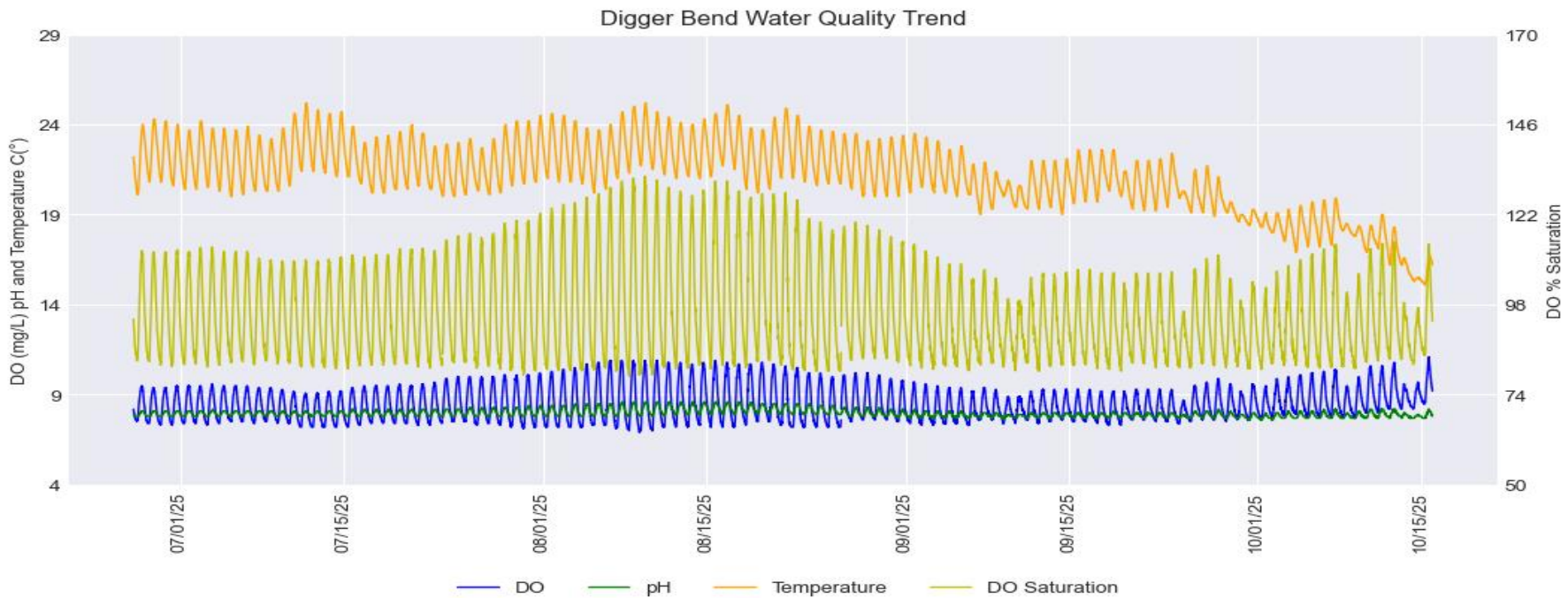


Hopland

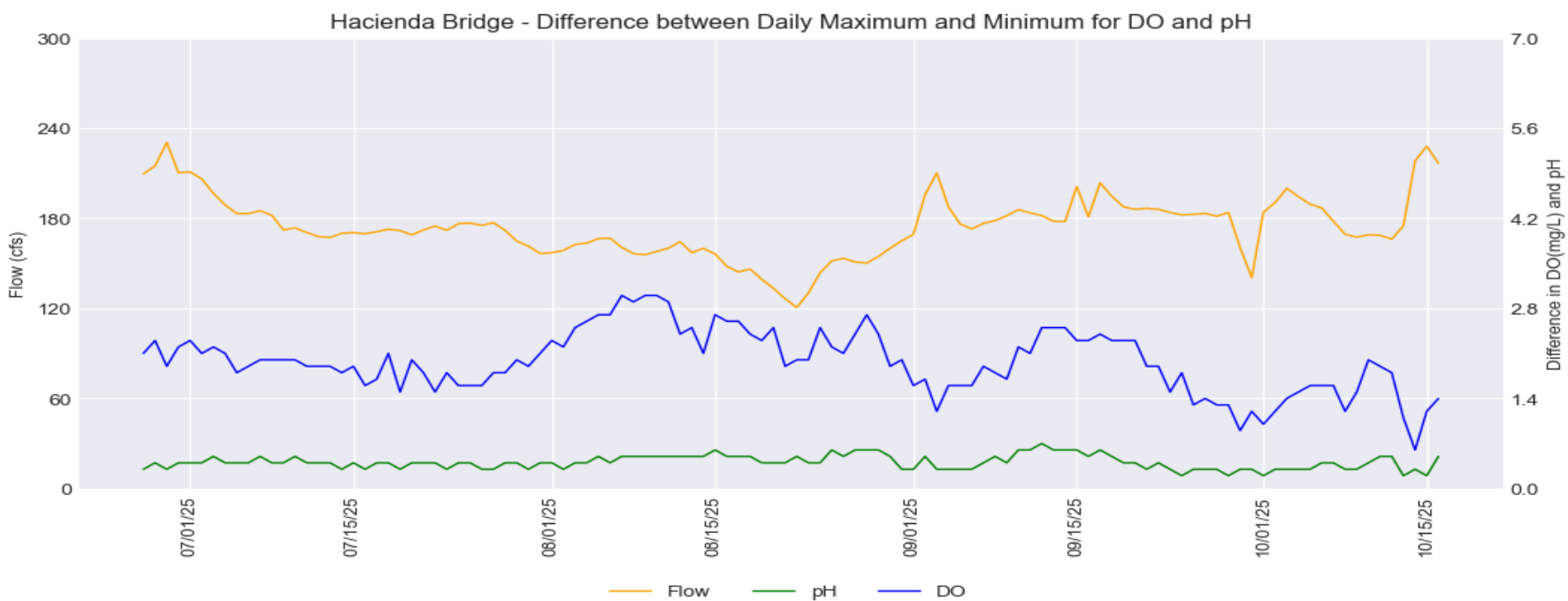
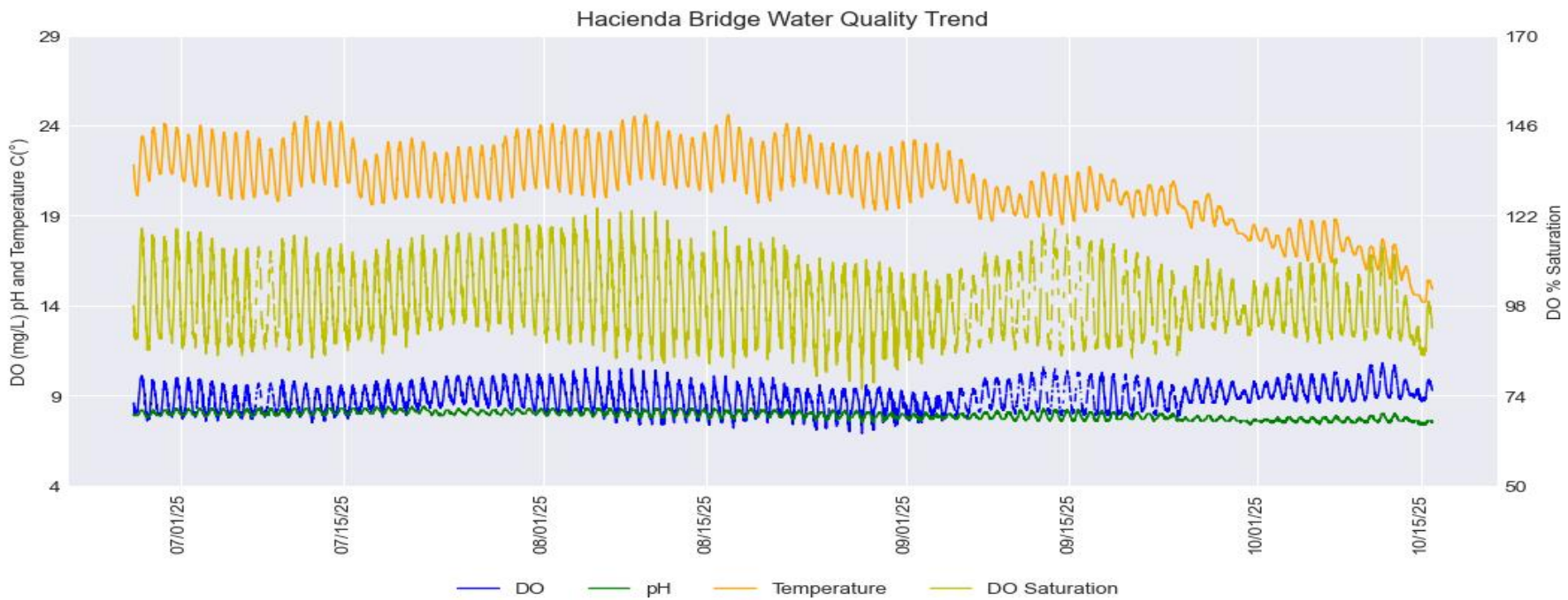


Russian River Water Quality June 27, 2025 – October 9, 2025
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Digger Bend

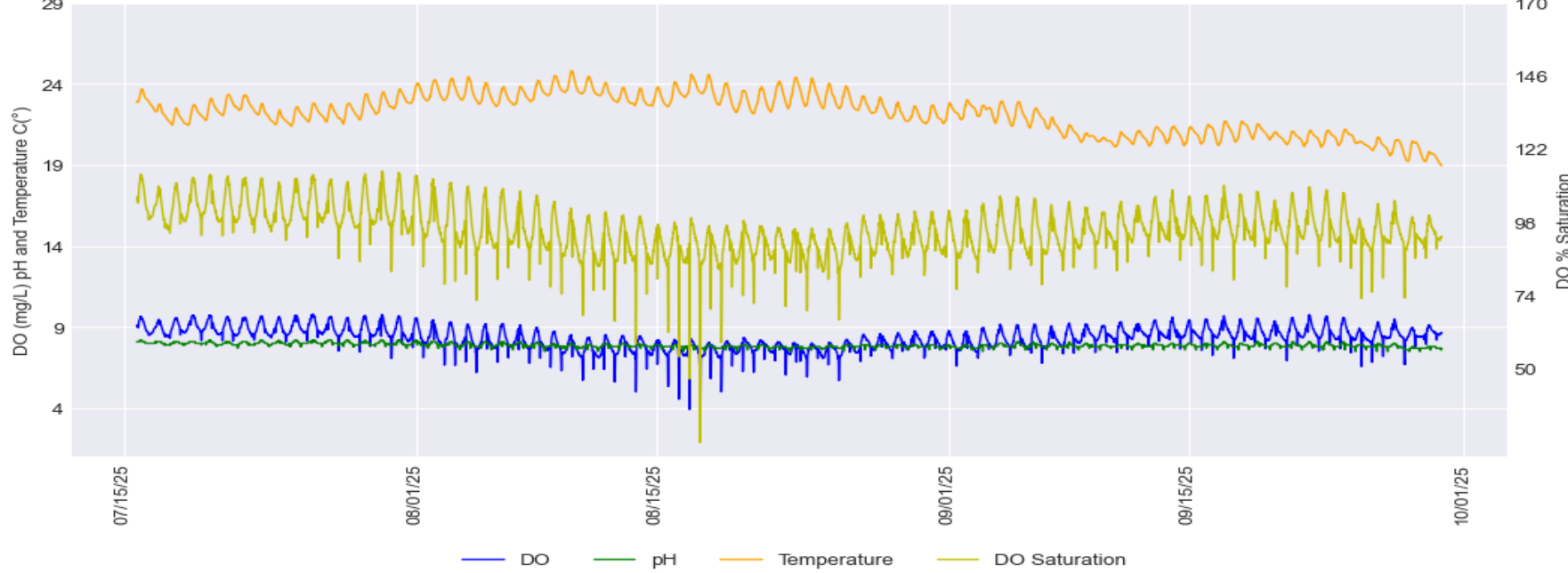


Hacienda Bridge

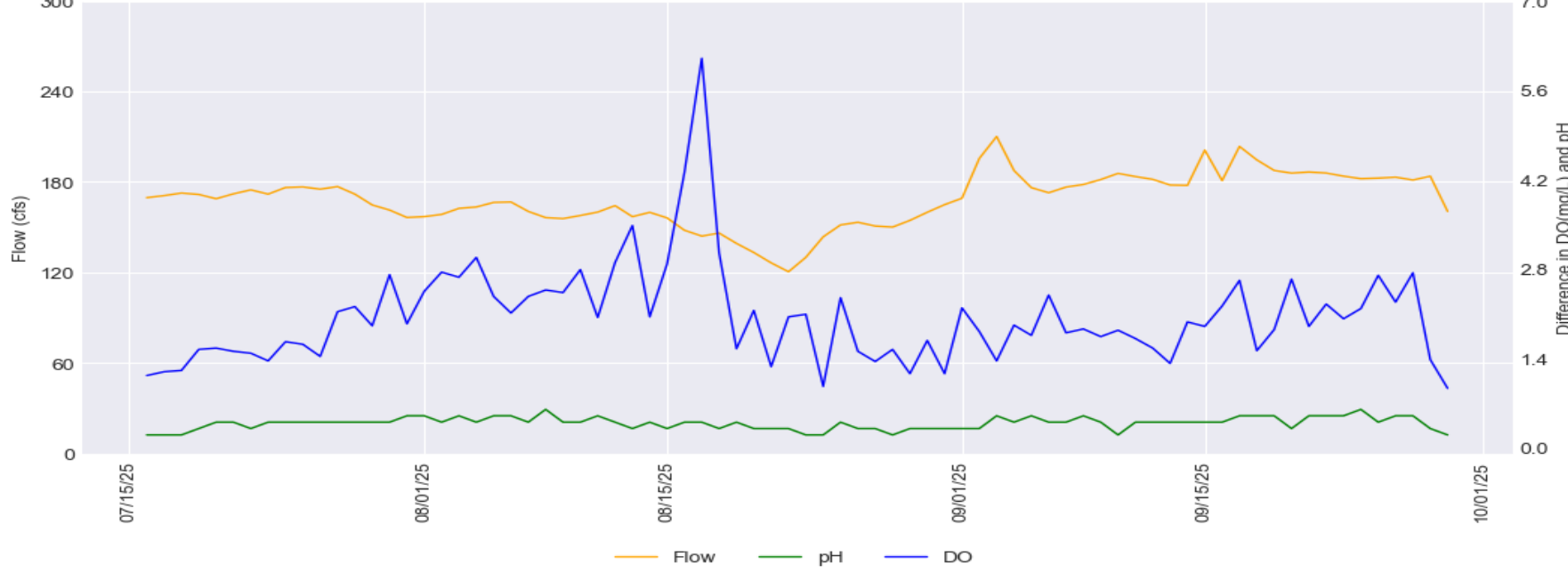


Russian River Water Quality June 27, 2025 – October 16, 2025
Provisional Data Subject to Revision
Johnsons Beach

Johnsons Beach Water Quality Trend

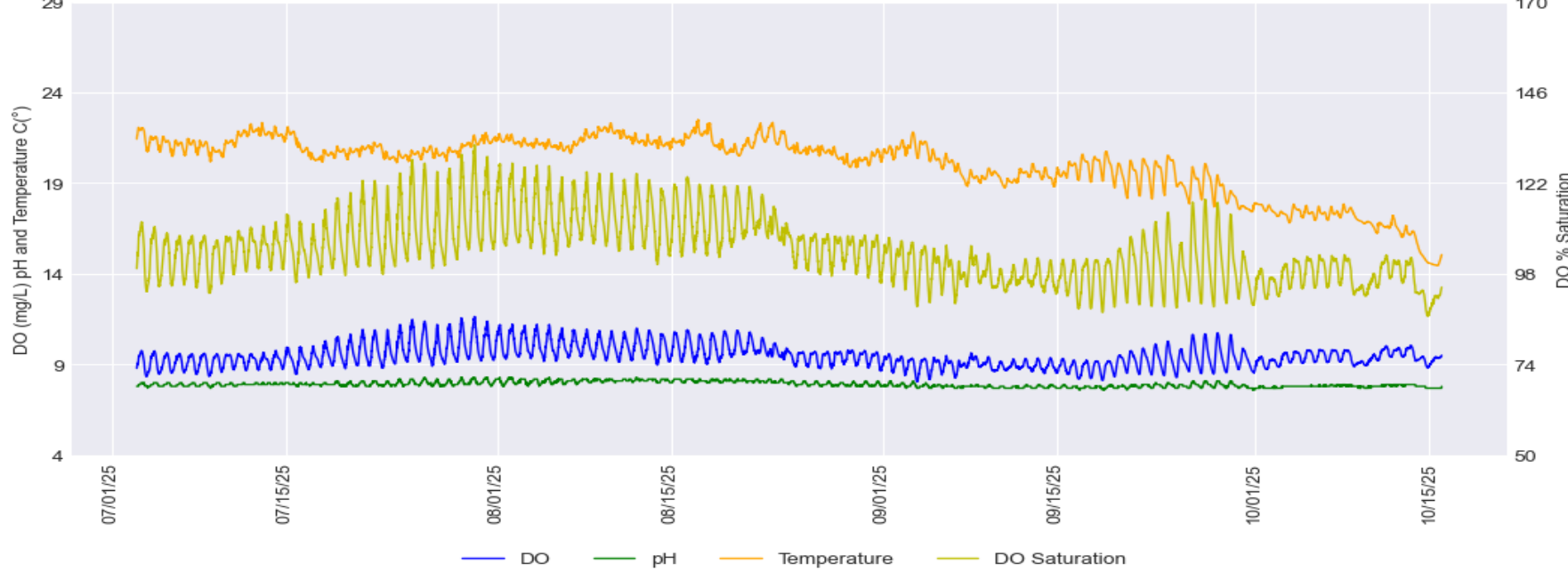


Johnsons Beach - Difference between Daily Maximum and Minimum for DO and pH

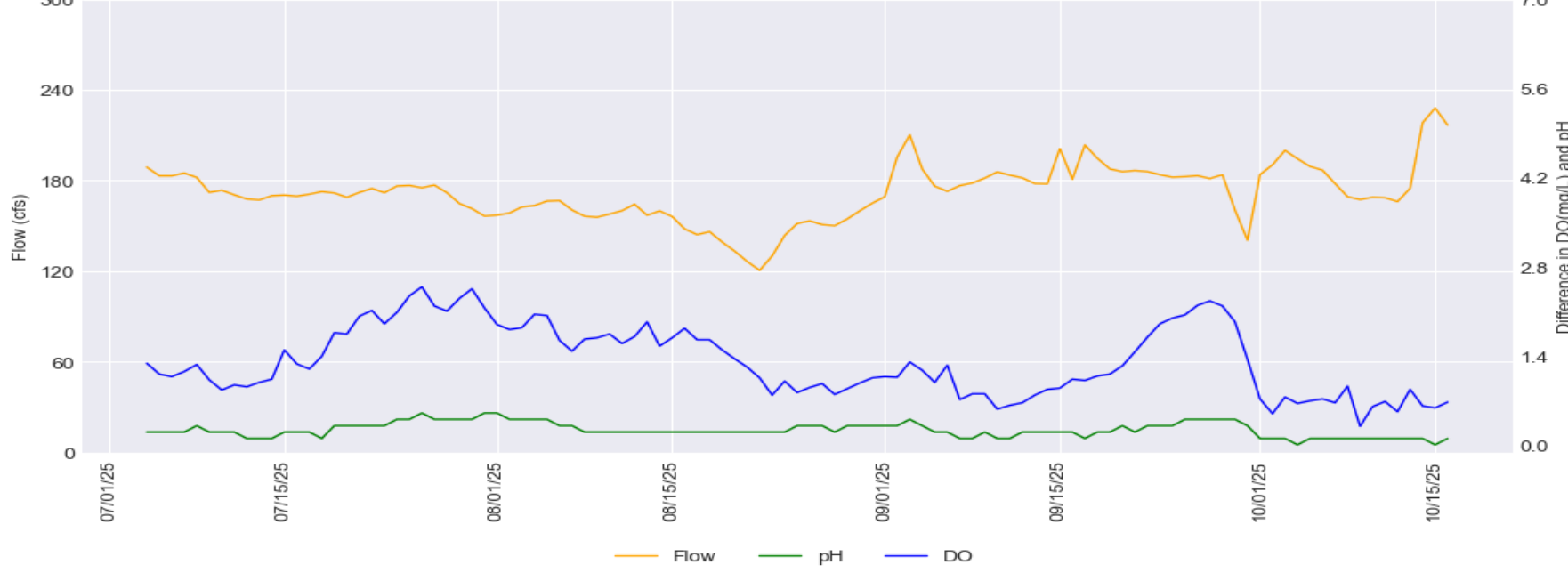


River Diversion System at Mirabel

River Diversion System Water Quality Trend

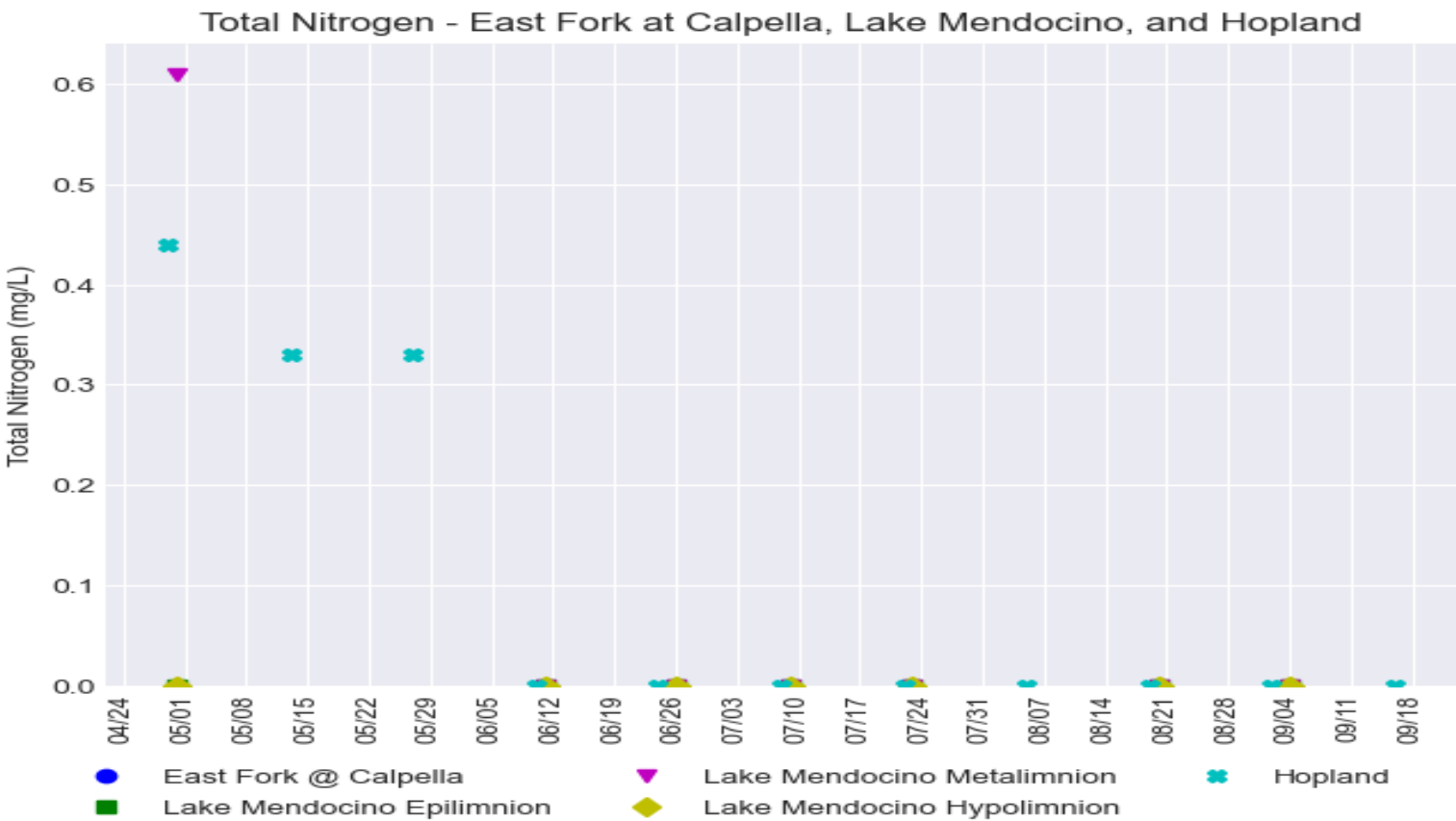
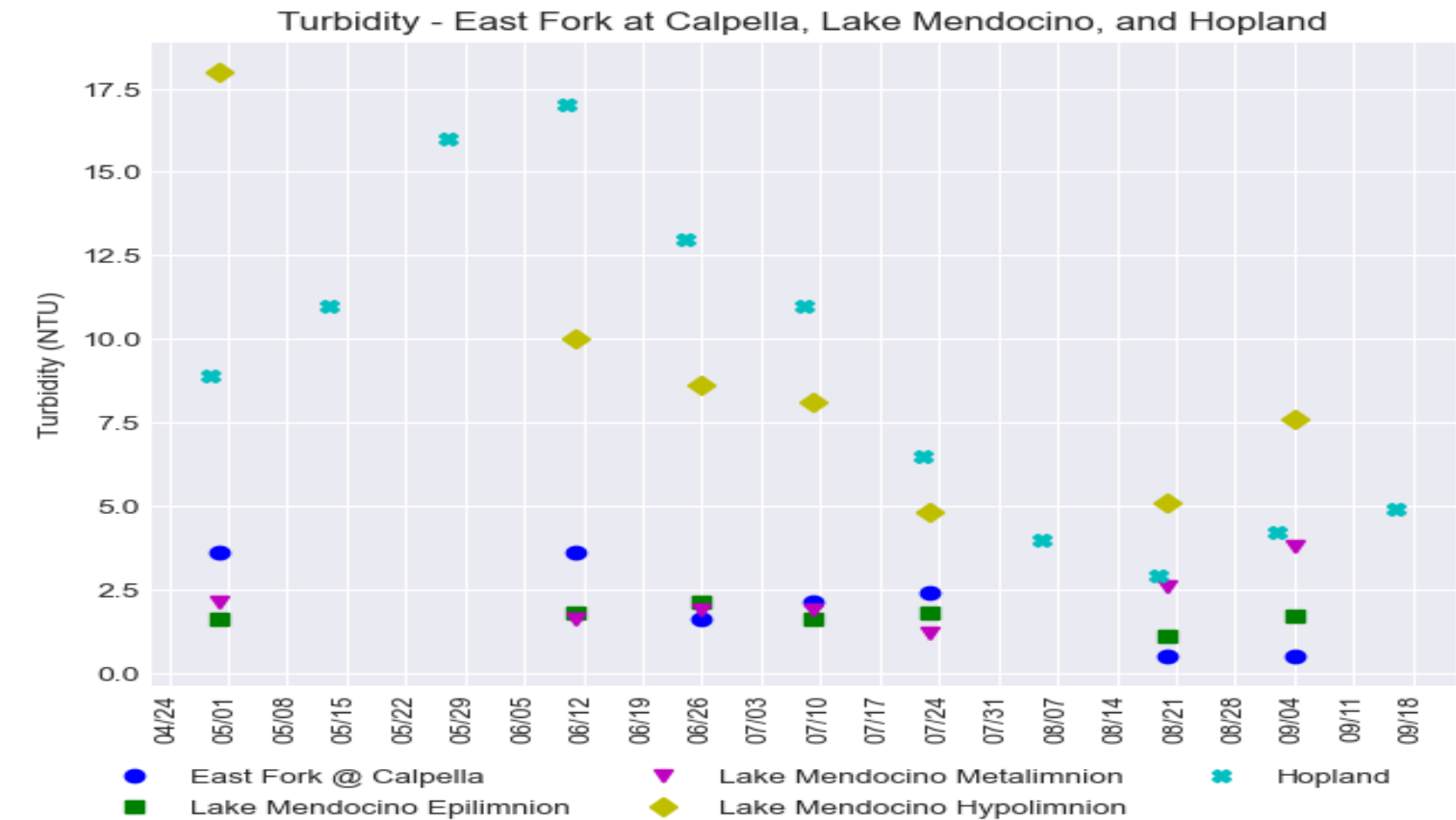
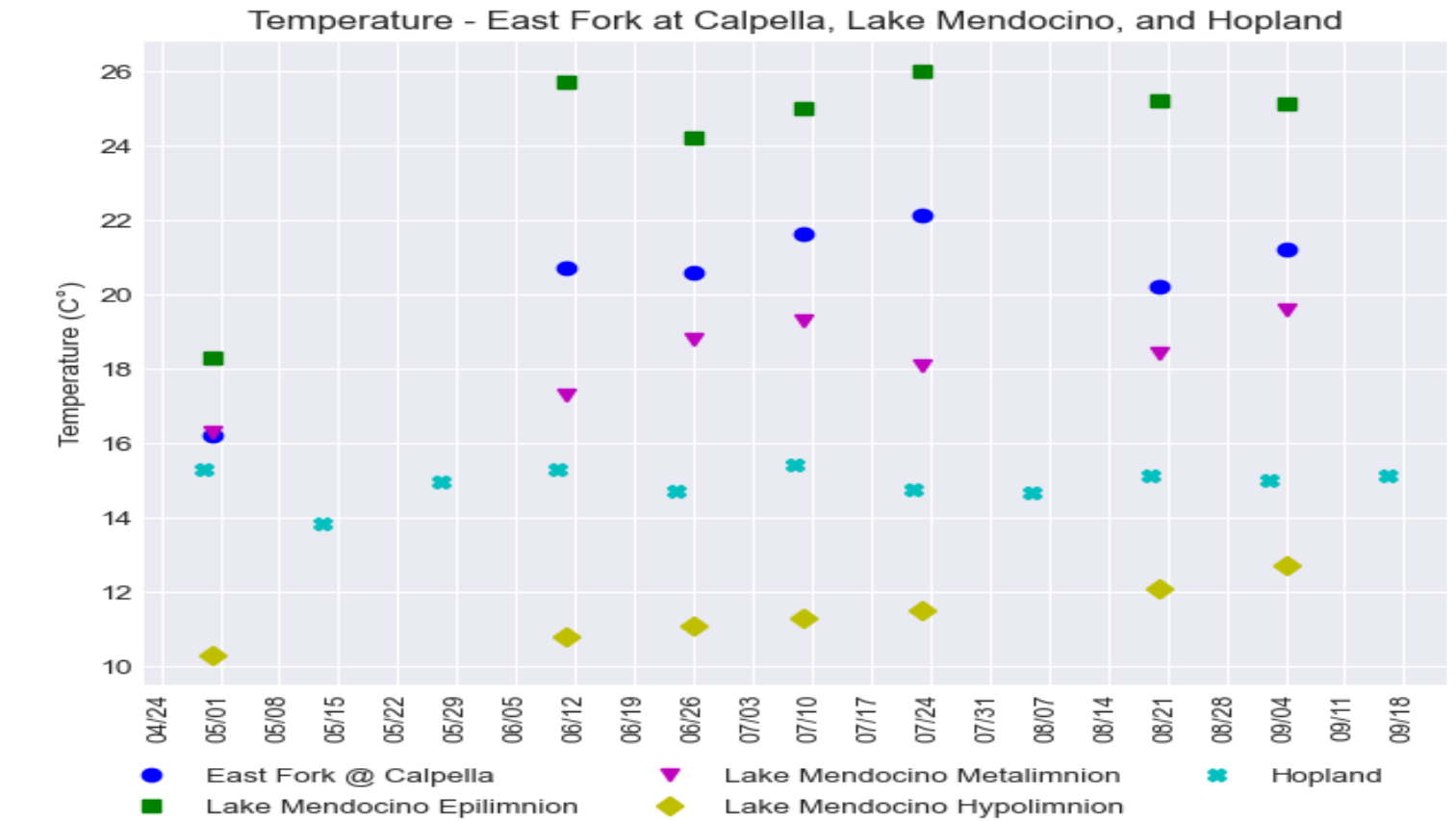


River Diversion System - Difference between Daily Maximum and Minimum for DO and pH



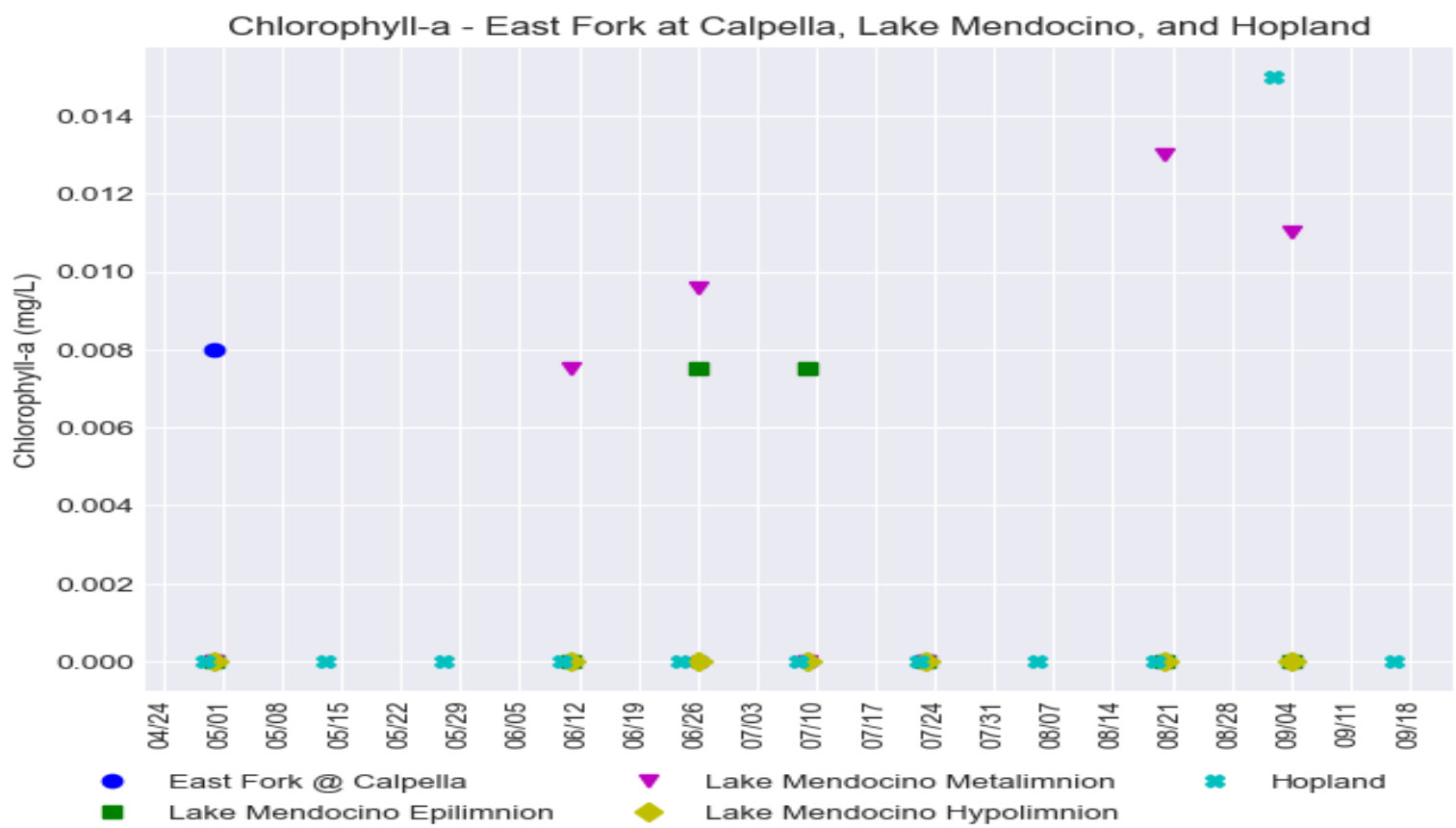
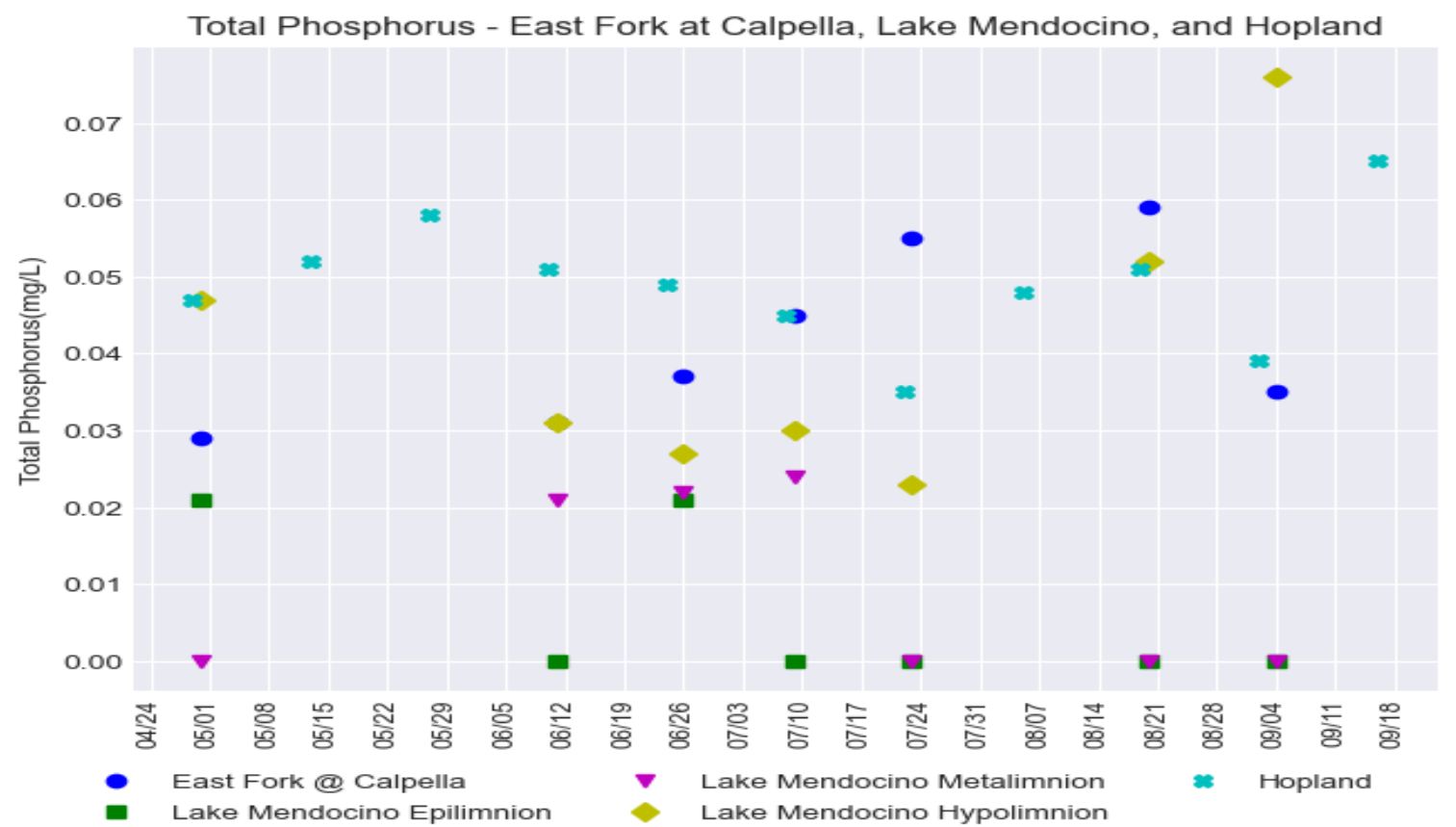
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



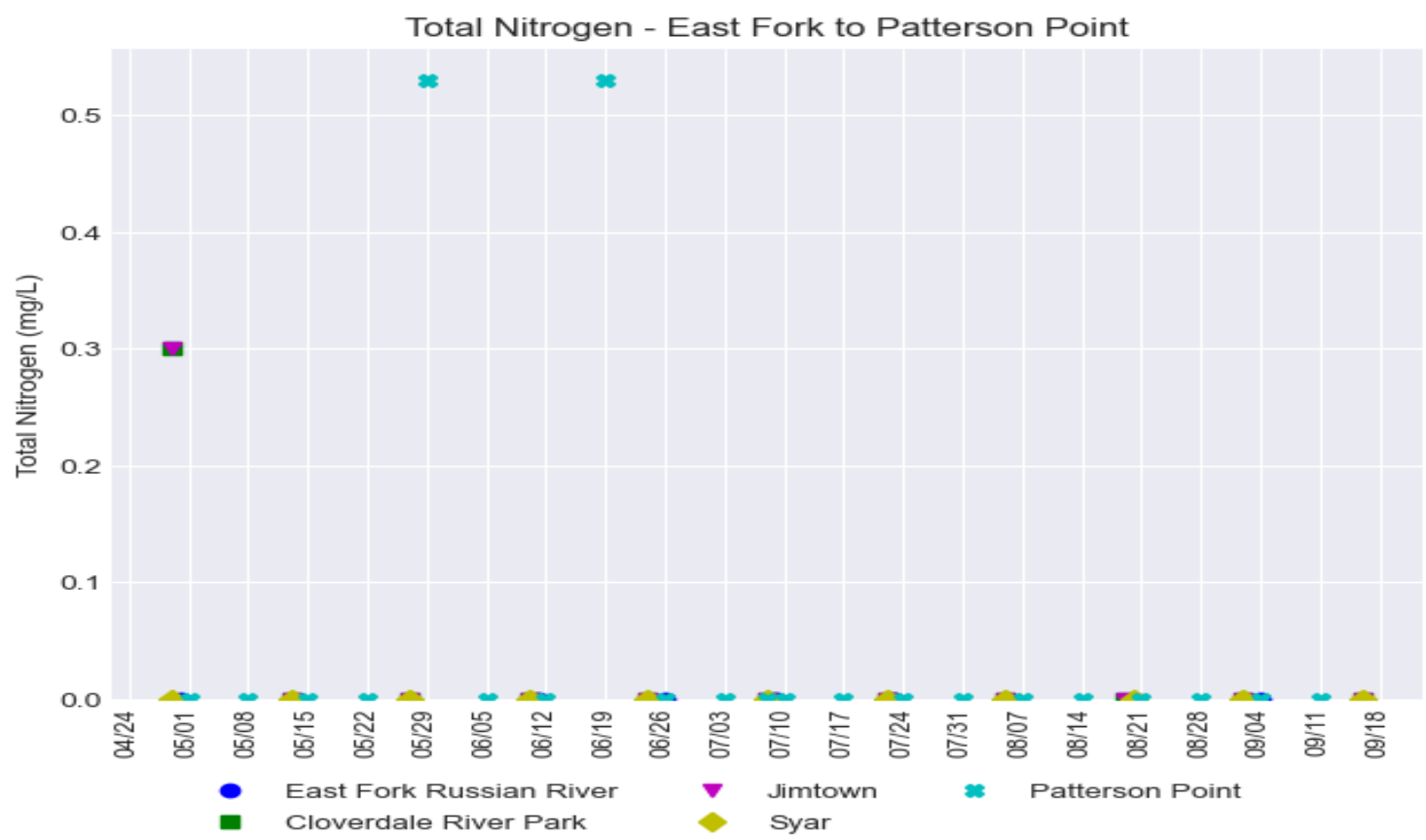
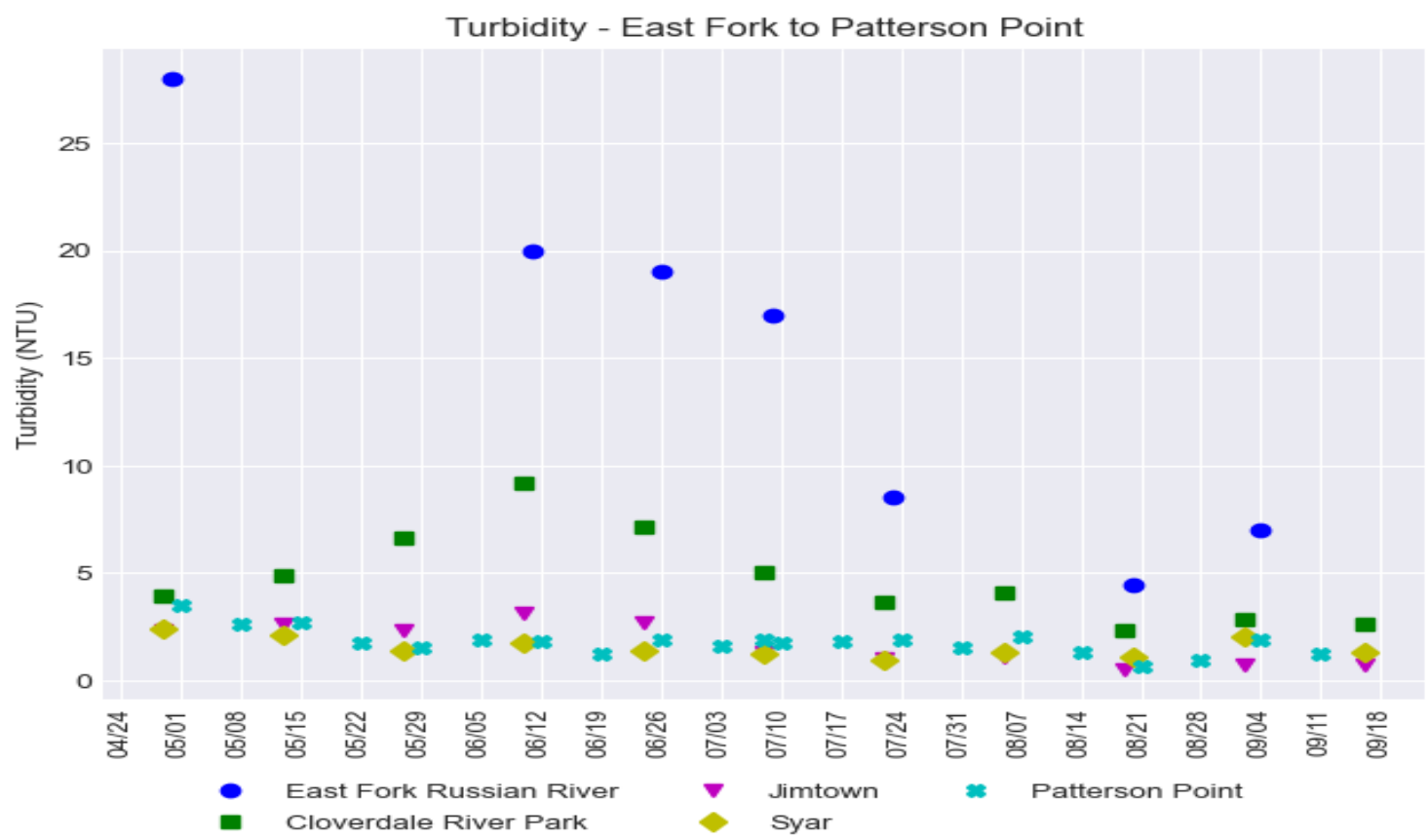
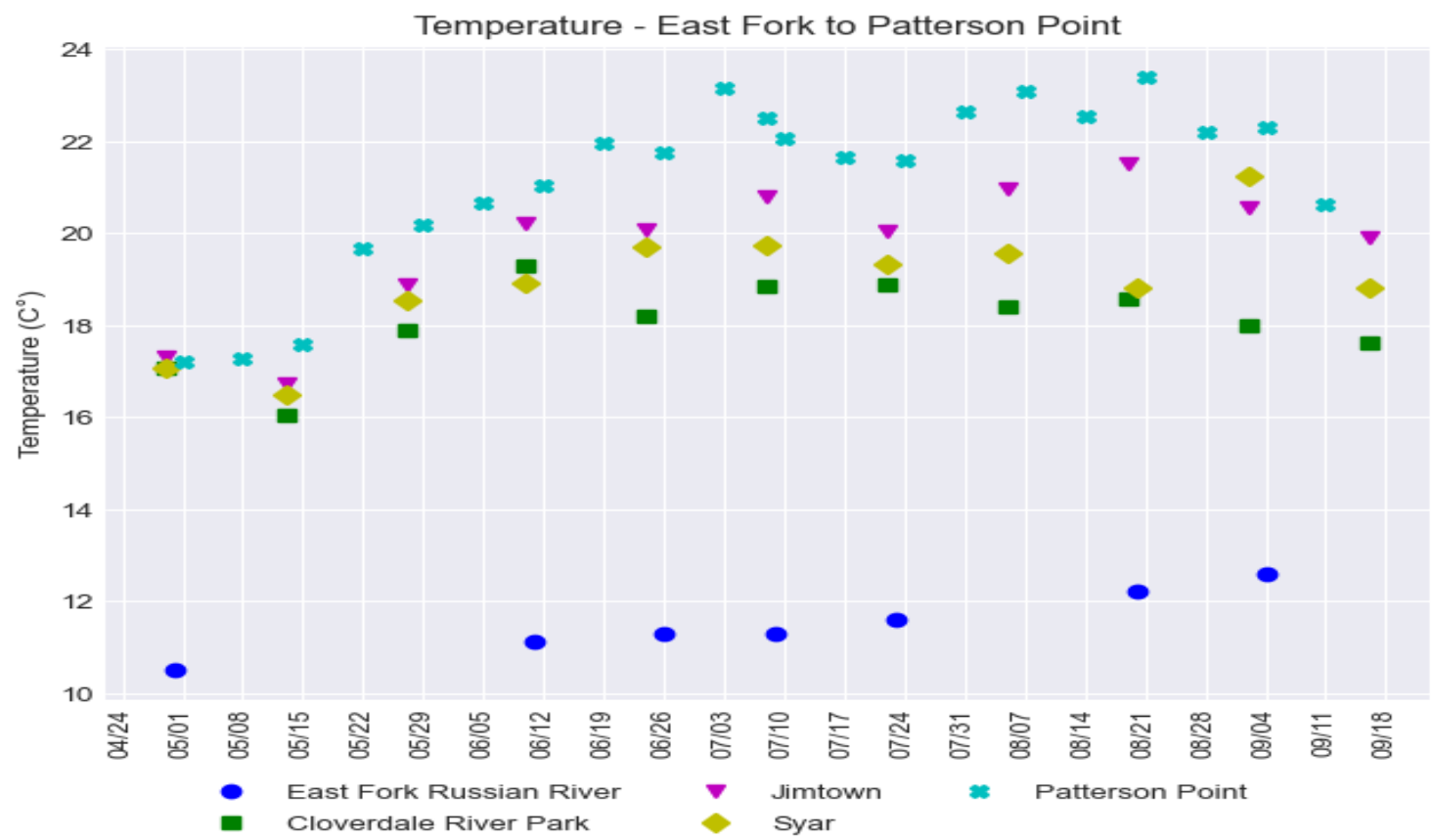
Russian River Water Quality Grab Samples

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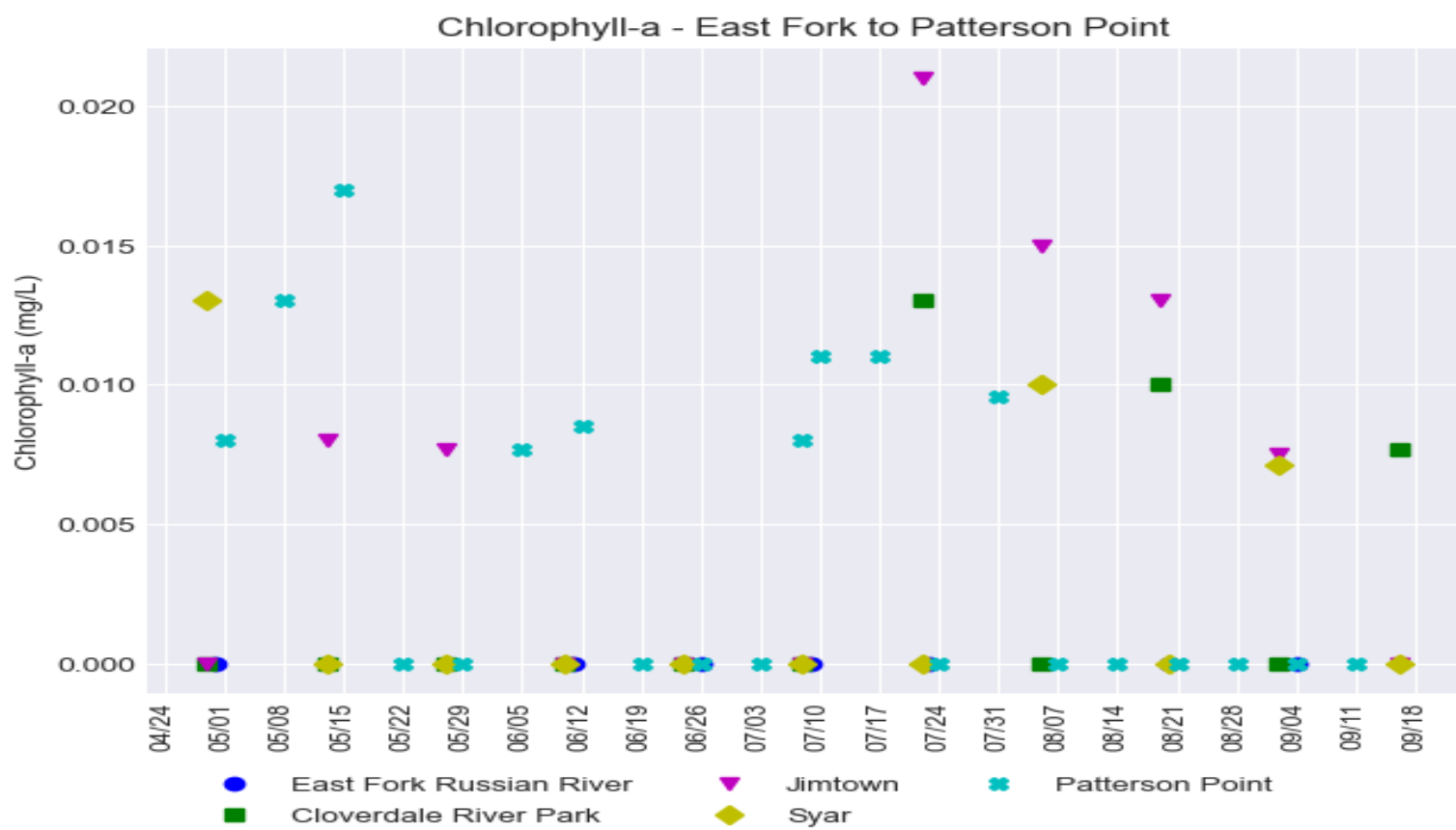
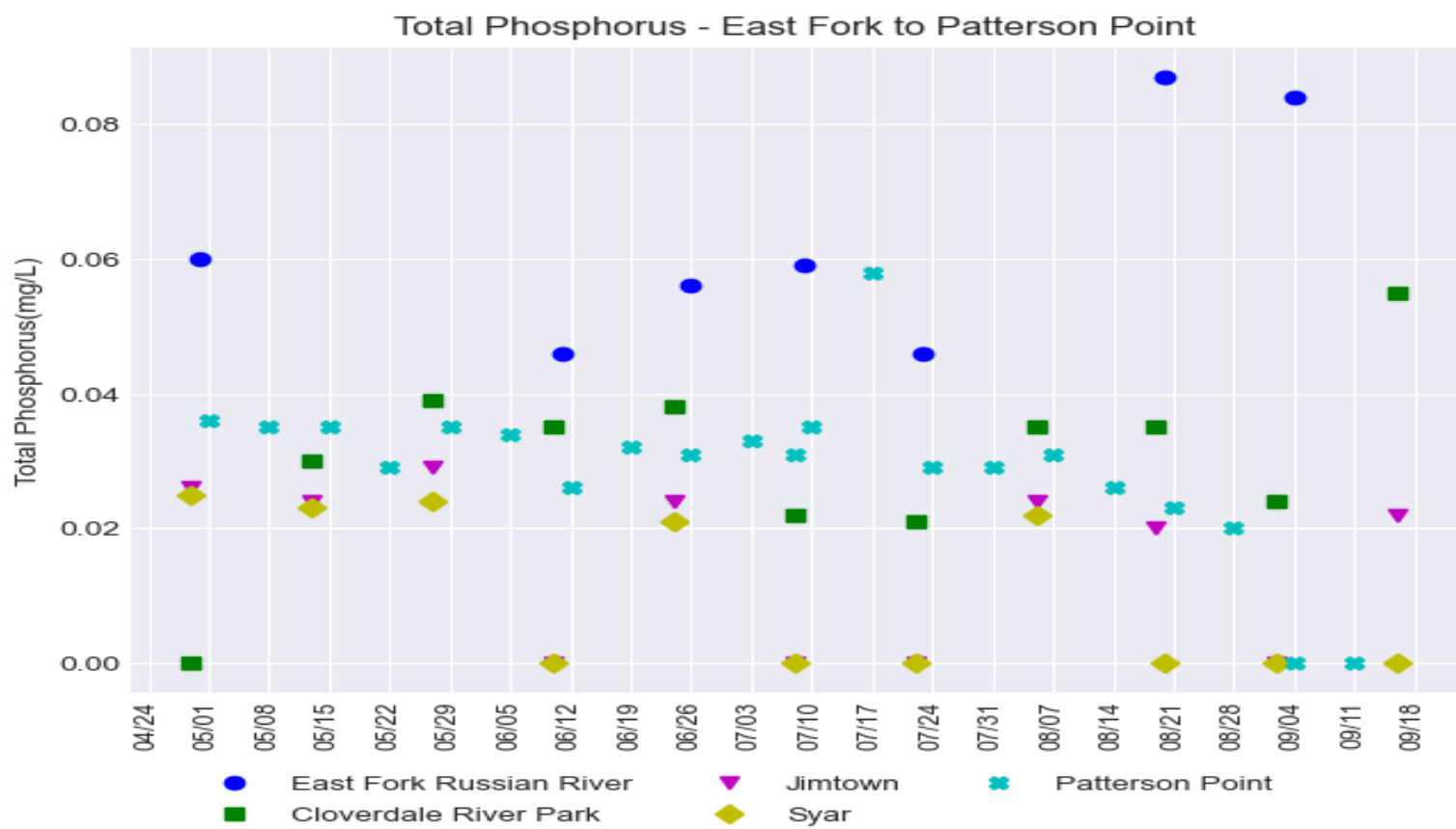
Russian River Water Quality Grab Samples

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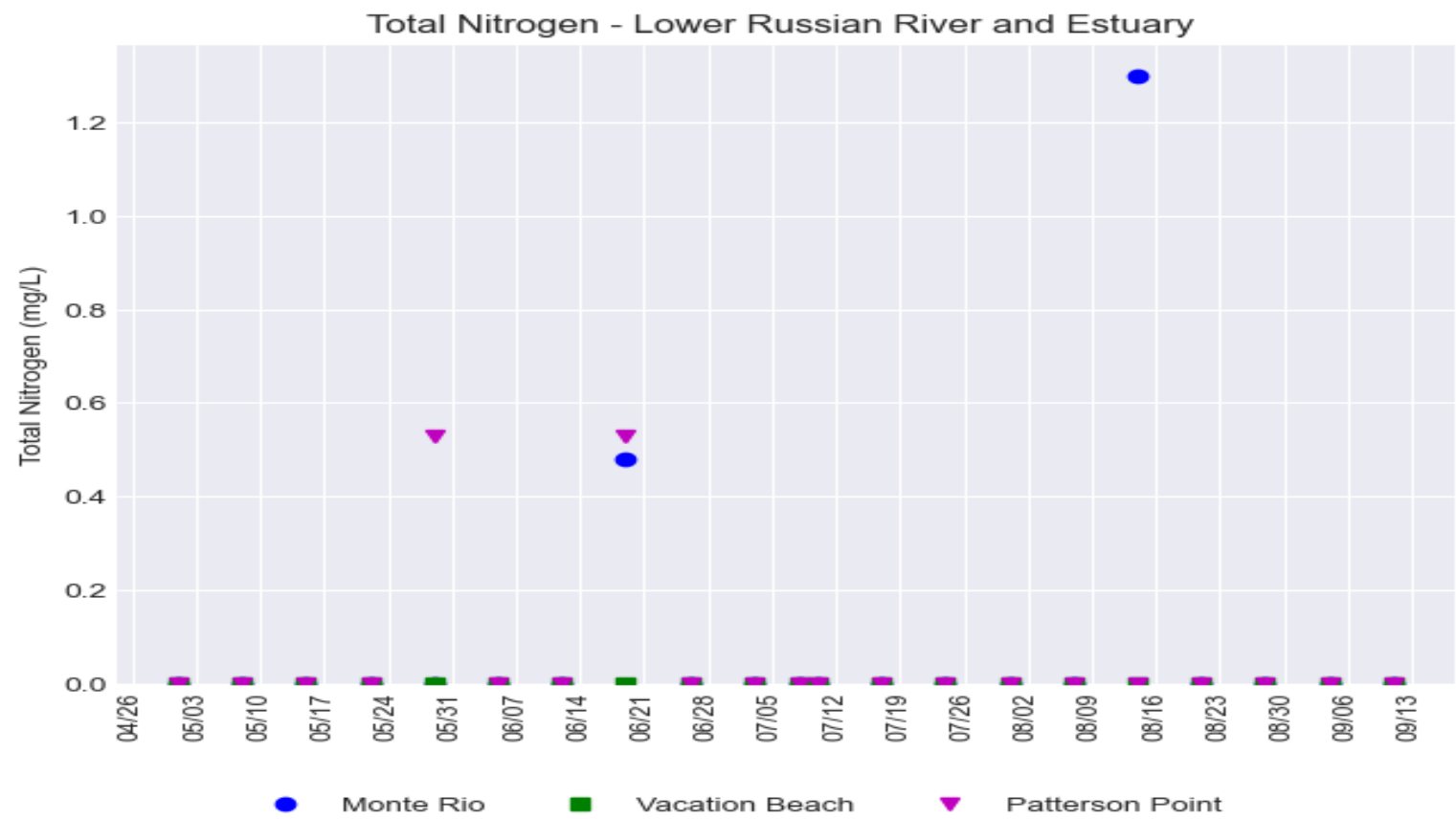
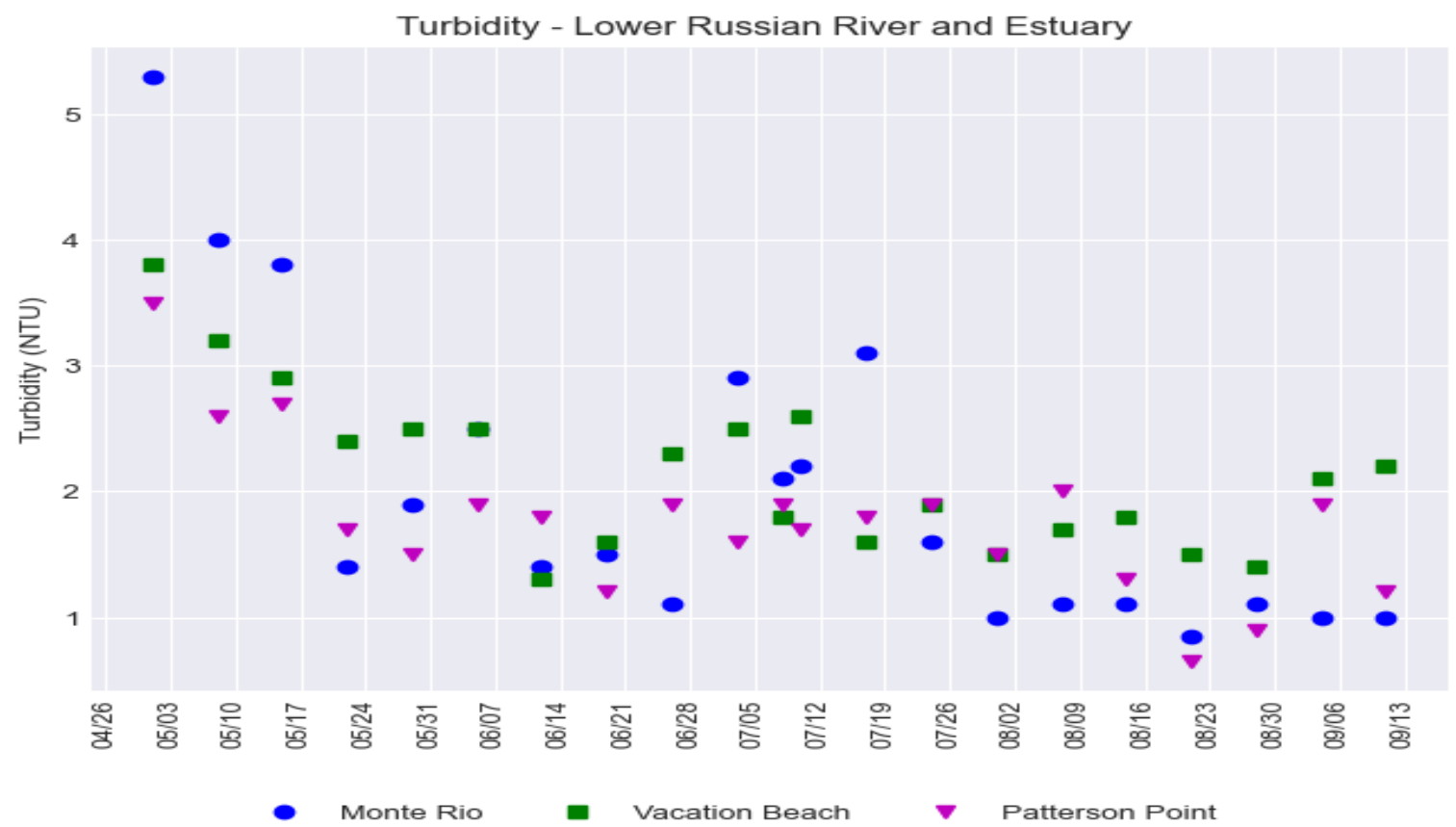
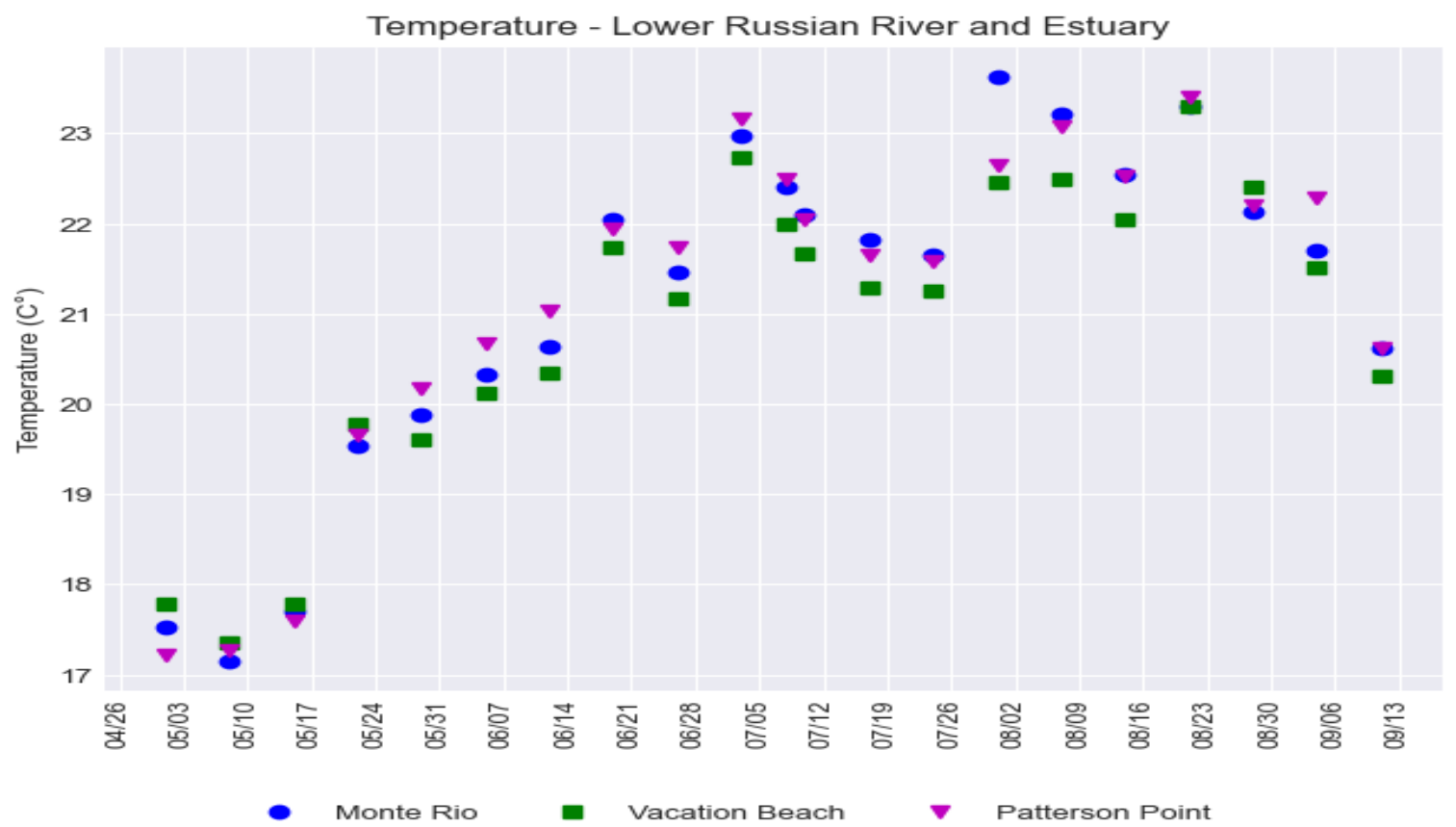


Russian River Water Quality Grab Samples

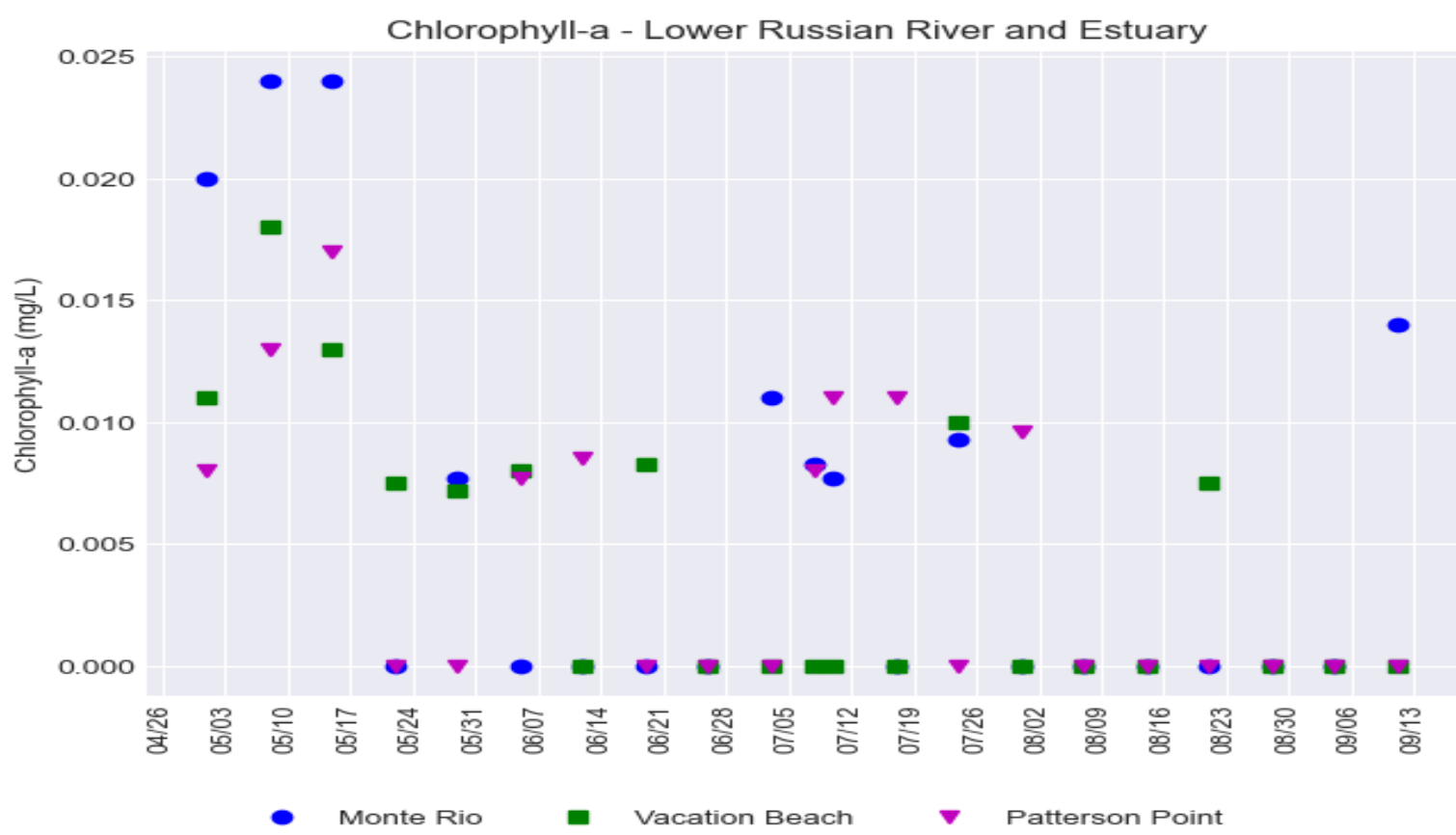
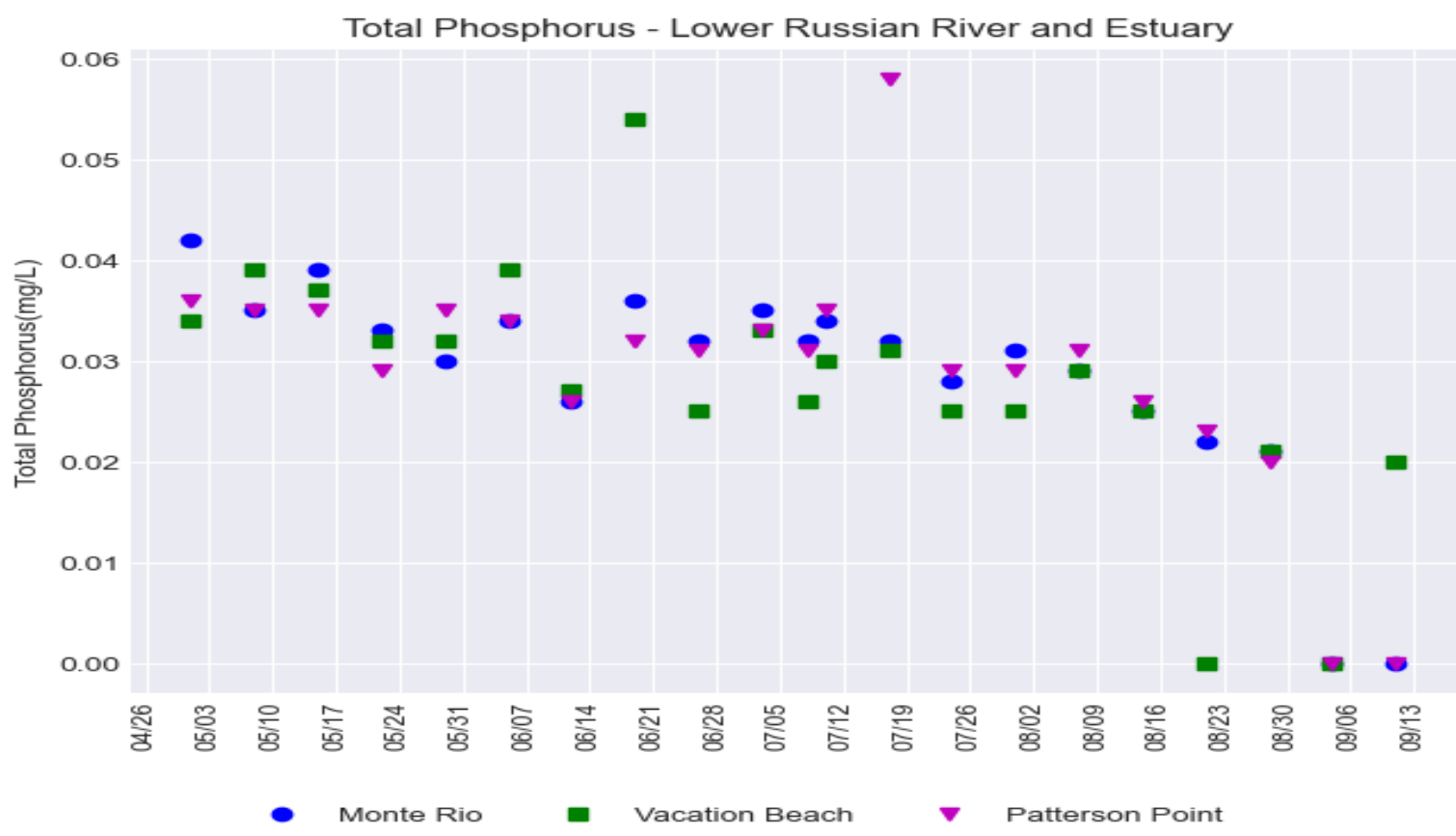
Provisional Data Subject to Revision



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 (August 7 - September 25, 2025)
Provisional Data Subject to Revision

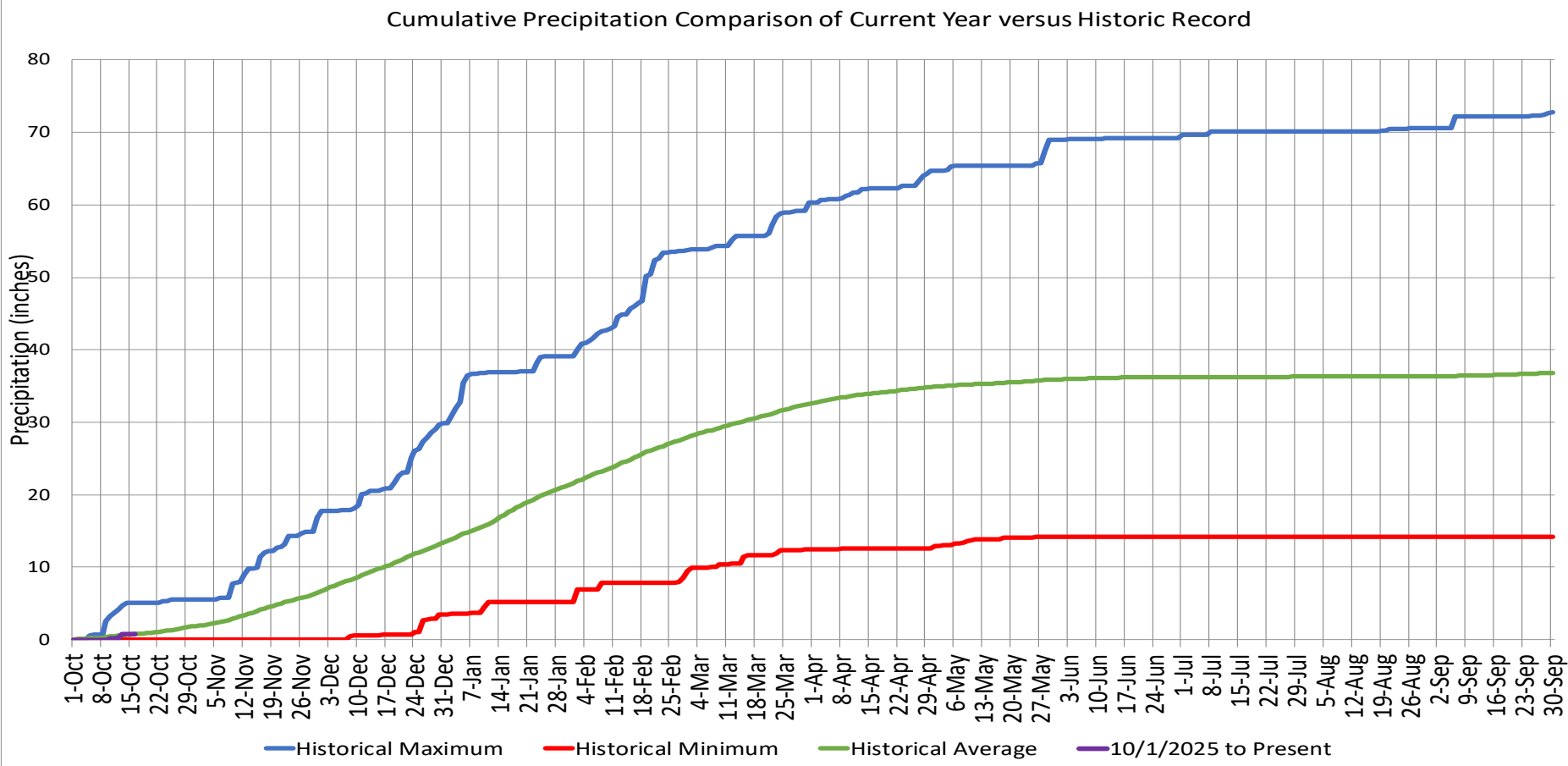
Russian River Estuary Standard Bacterial Indicators

Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	8/7/2025	1722**	1515**	1396**
		8/14/2025	1732.9	1413.6	1986.3
		8/21/2025	1732.9	1413.6	1553.1
		8/28/2025	1413.6	2419.6	1299.7
		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
E. Coli MPN/100 mL	235	8/7/2025	21.3	22.8	9.6
		8/14/2025	8.6	3.1	13.2
		8/21/2025	13.2	12	4.1
		8/28/2025	21.8	5.1	5.2
		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
Enterococcus MPN/100 mL ****	61	8/7/2025	39.9	24.3	7.4
		8/14/2025	24.3	17.5	19.5
		8/21/2025	7.5	18.9	4.1
		8/28/2025	34.5	15.8	7.3
		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

*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 - Oct 16, 2025	0.98
Last 7 Days*	0.81



Global Forecast System Model 16-day Cumulative Precipitation Forecast

