



Sonoma
Water

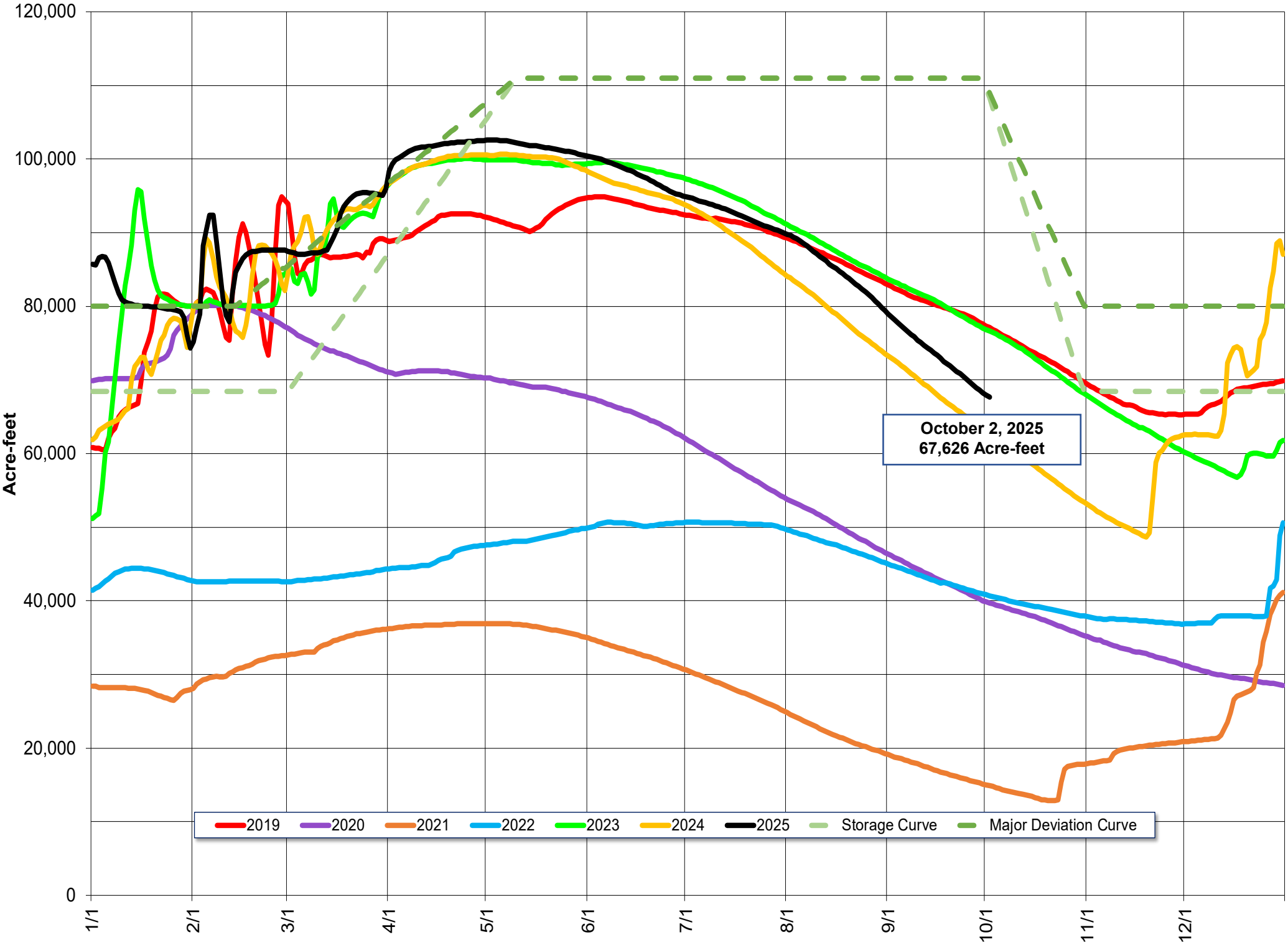
State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
September 26, 2025 - October 2, 2025

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 2, 2025			
Basis	Reach	Instantaneous (cfs)	5-day Average (cfs)
Modified Per Order: Normal Condition	Upper Russian River	110	125
Modified Per Order: Normal Condition	Dry Creek	80	-
Modified Per Order: Normal Condition	Lower Russian River	60	70

Lake Mendocino

Lake Mendocino Storage 2019 - 2025 and Storage Curve



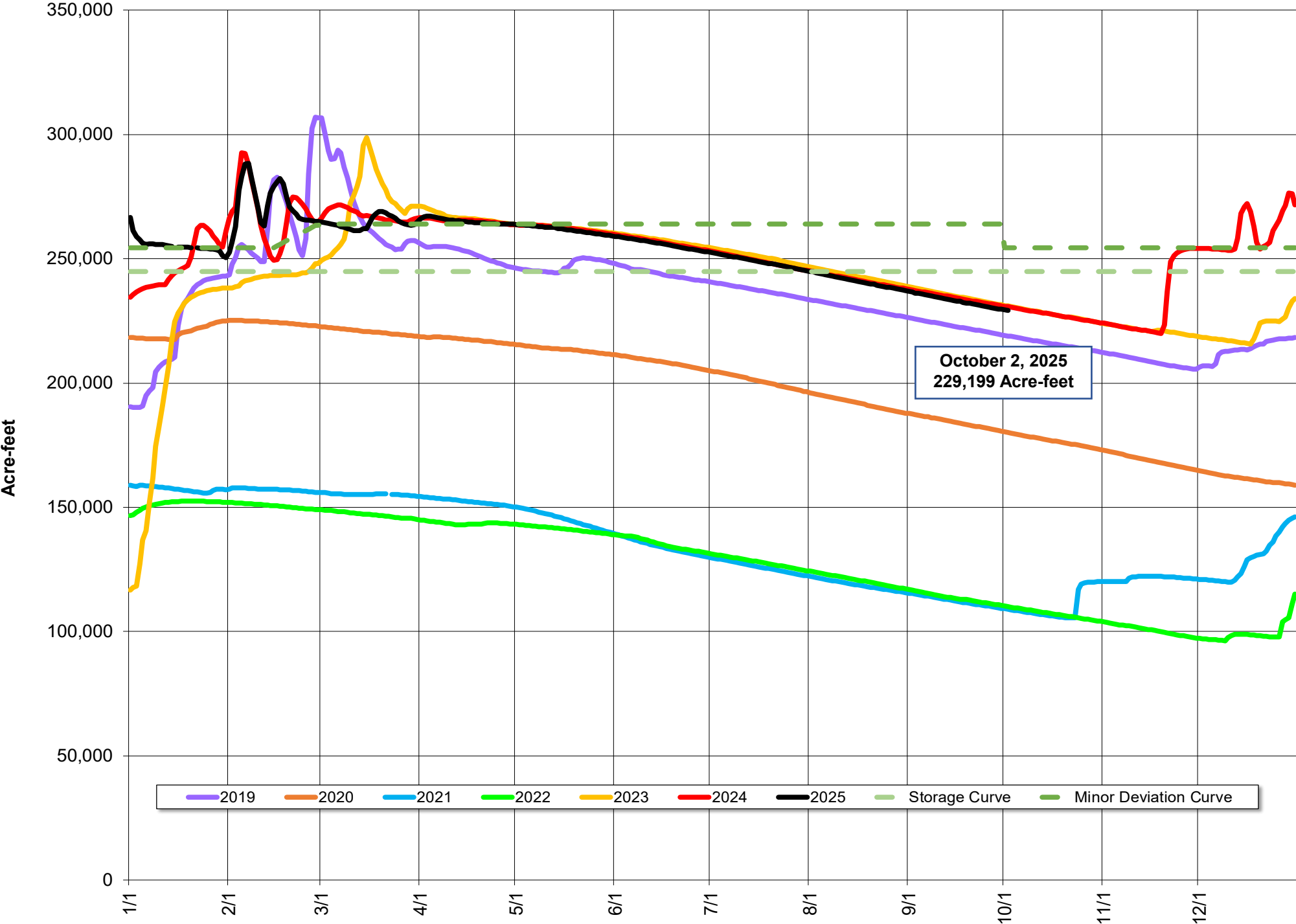
Storage (acre-feet)	October 2, 2025	67,626	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-10,895	-363
	Last 7 days	-2,067	-295
Daily Inflow (cfs)	Last 7 days	Min	4
		Max	48
		Mean	27
Release (cfs)	Last 7 days	Min	173
		Max	203
		Mean	194

Lake Sonoma



Todd Schram, February 10 , 2024

Lake Sonoma Storage 2019-2025



Storage (acre-feet)	October 2, 2025	229,199	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,317	-244
	Last 7 days	-1,340	-191
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	33
		Mean	15
Release (cfs)	Last 7 days	Min	116
		Max	122
		Mean	118

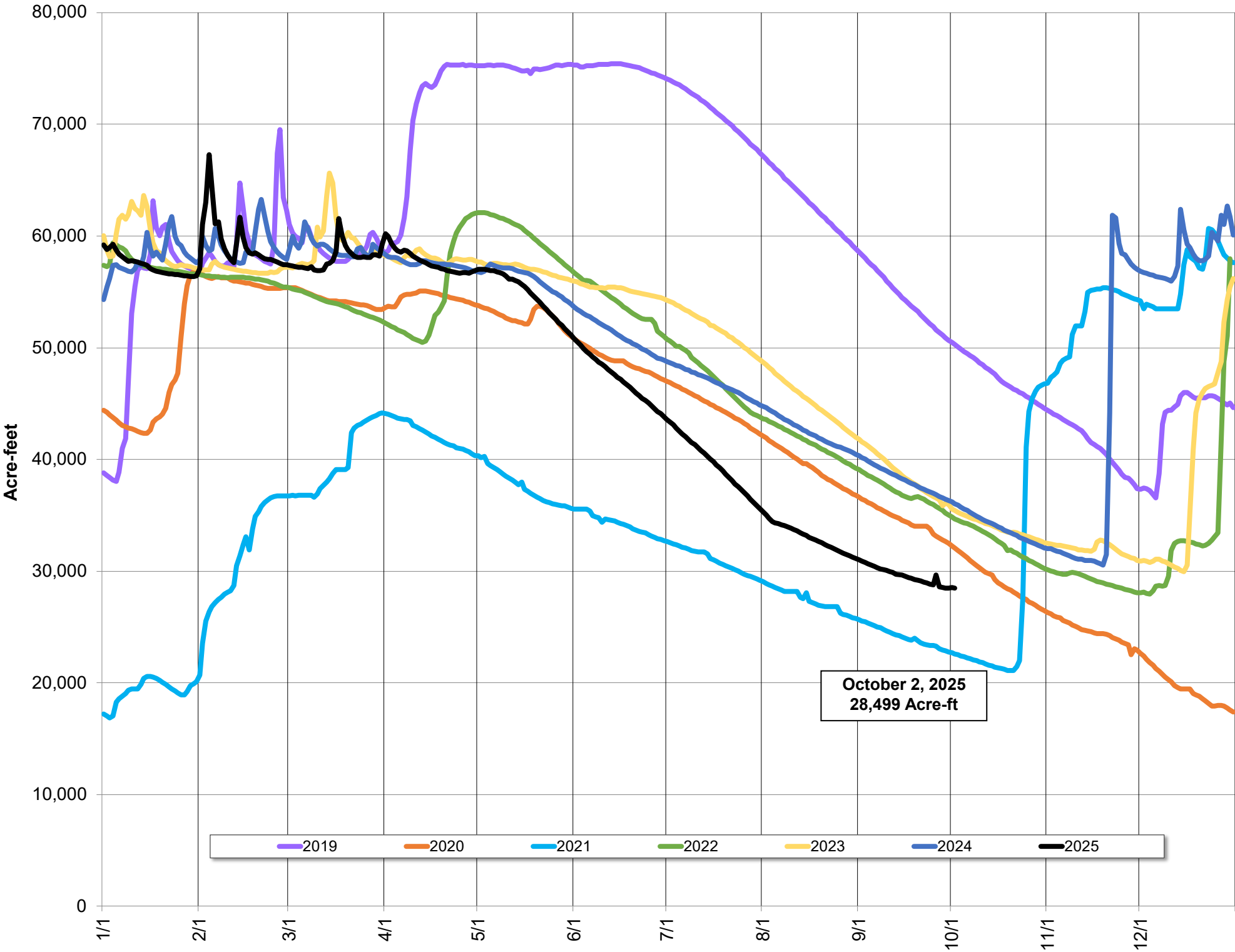
Potter Valley Project

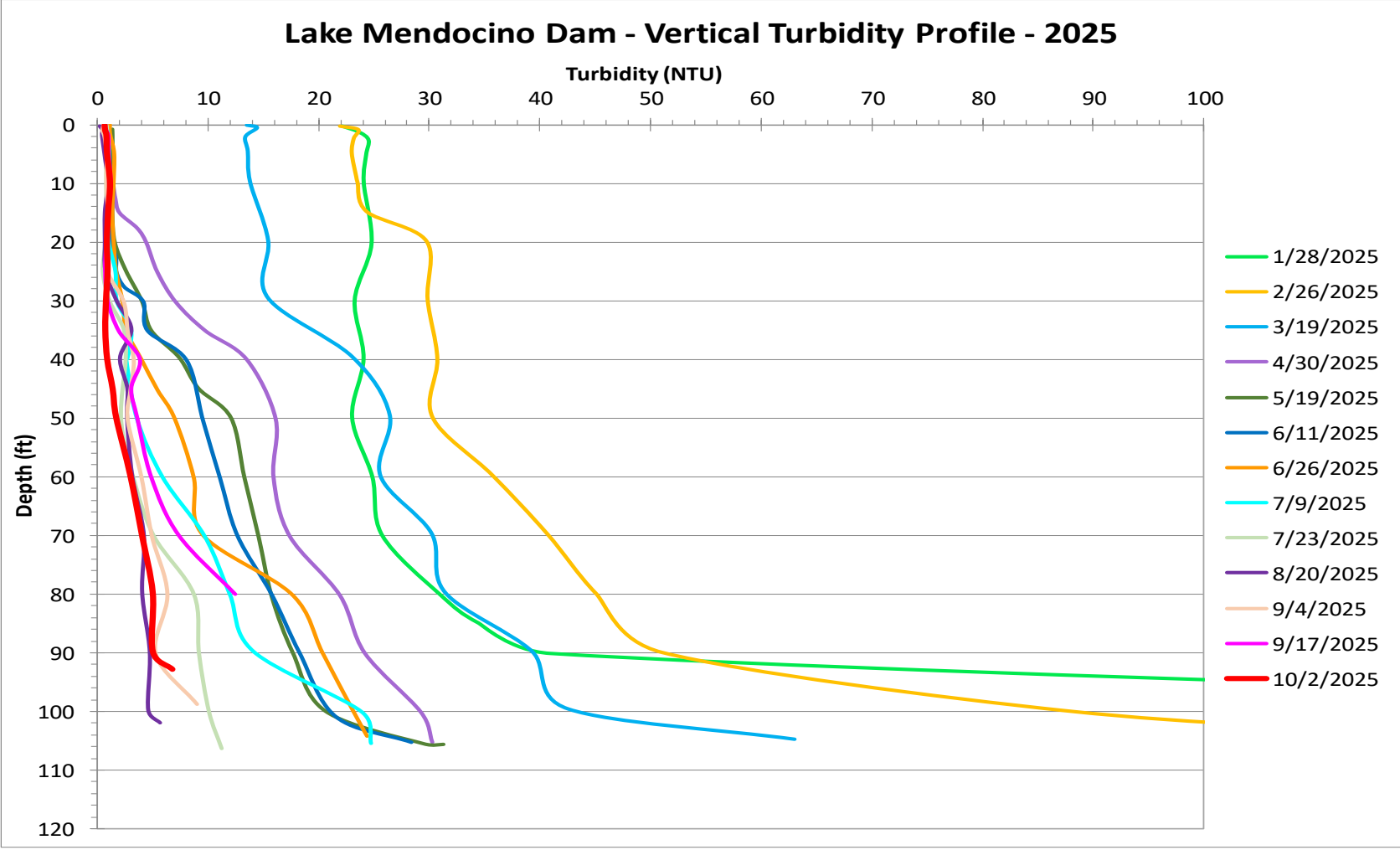
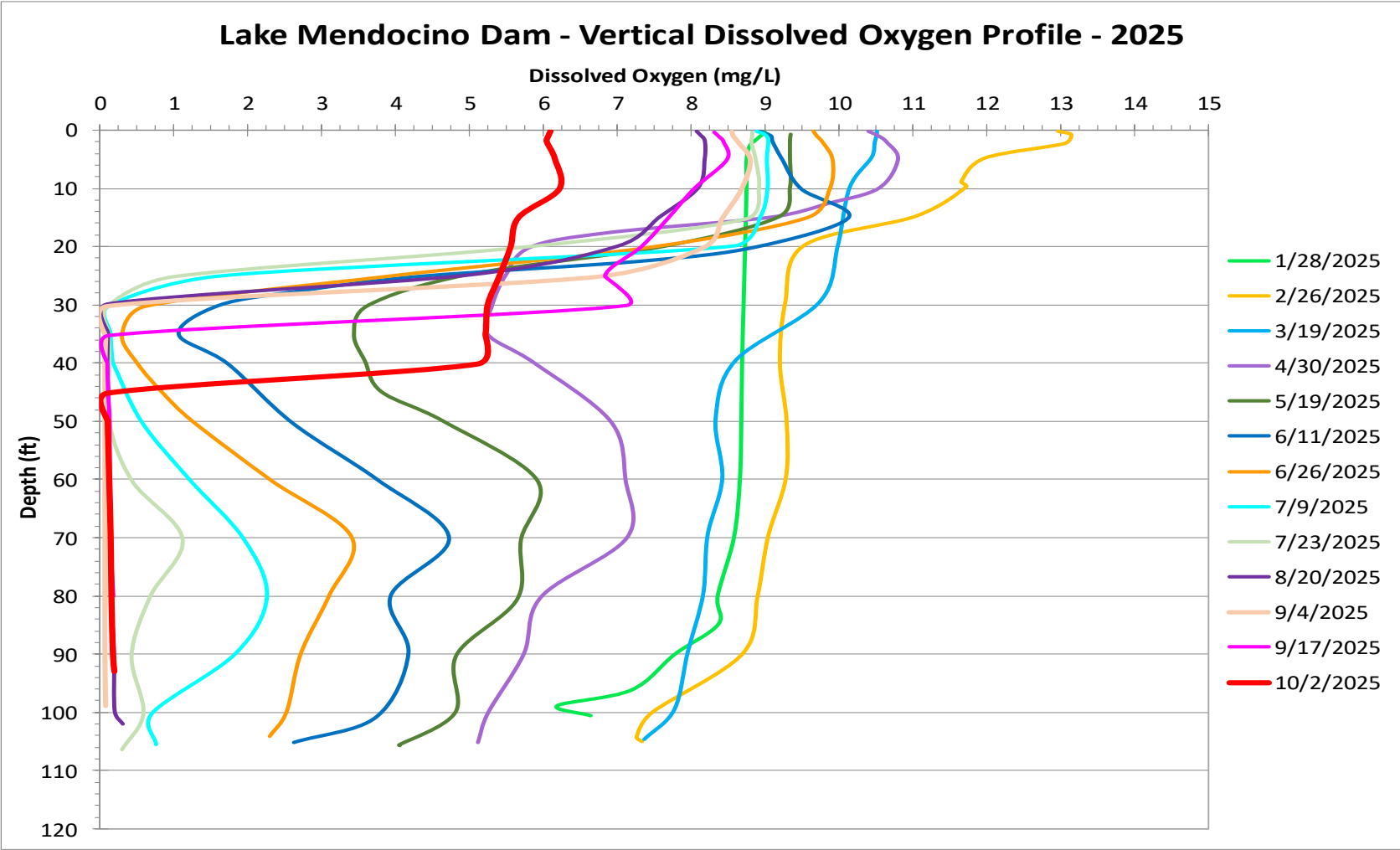
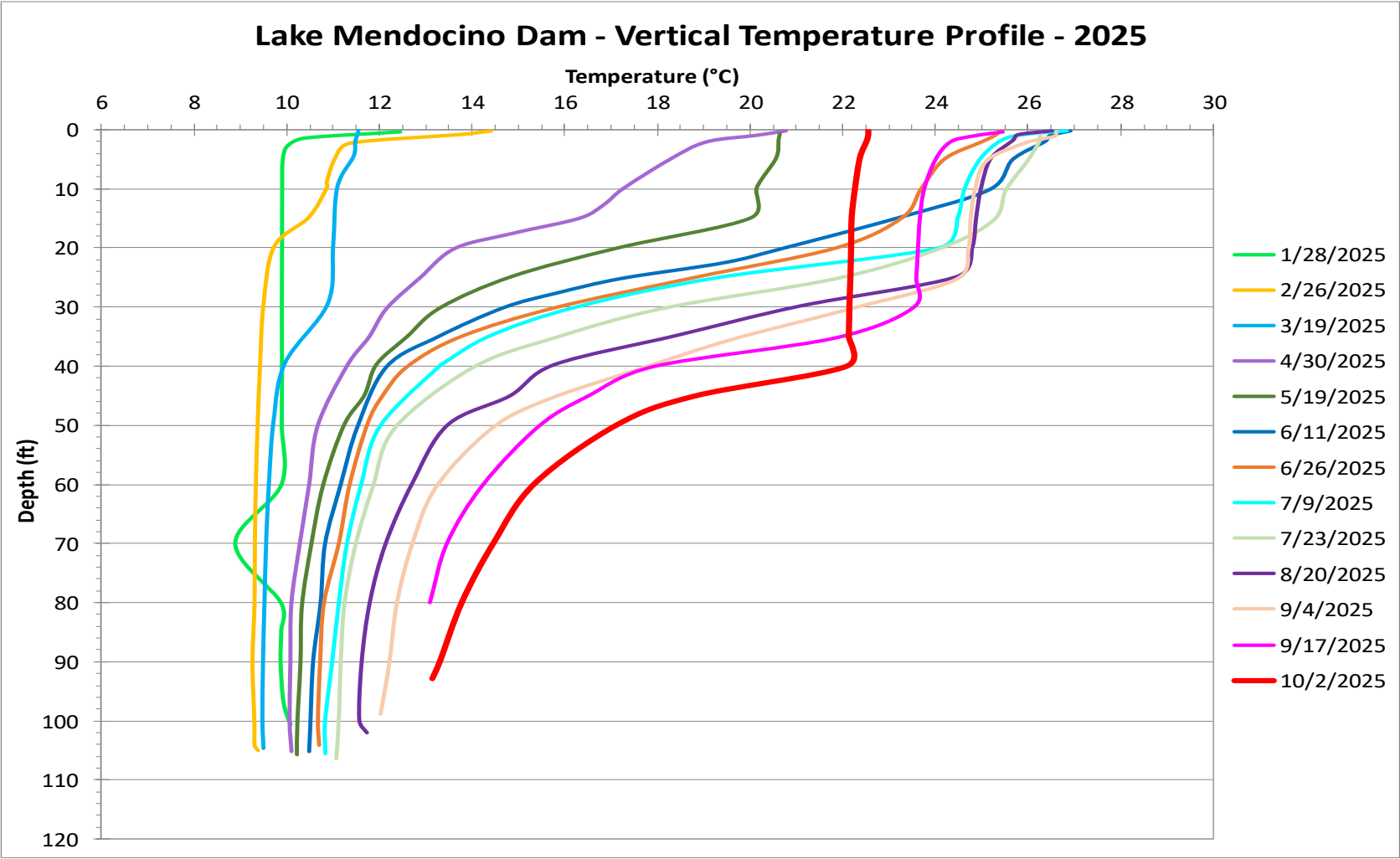
PVP Diversion (cfs)	October 2, 2025	20
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - October 2, 2025	62	31
	Last 7 days	244	35

*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2019 - 2025

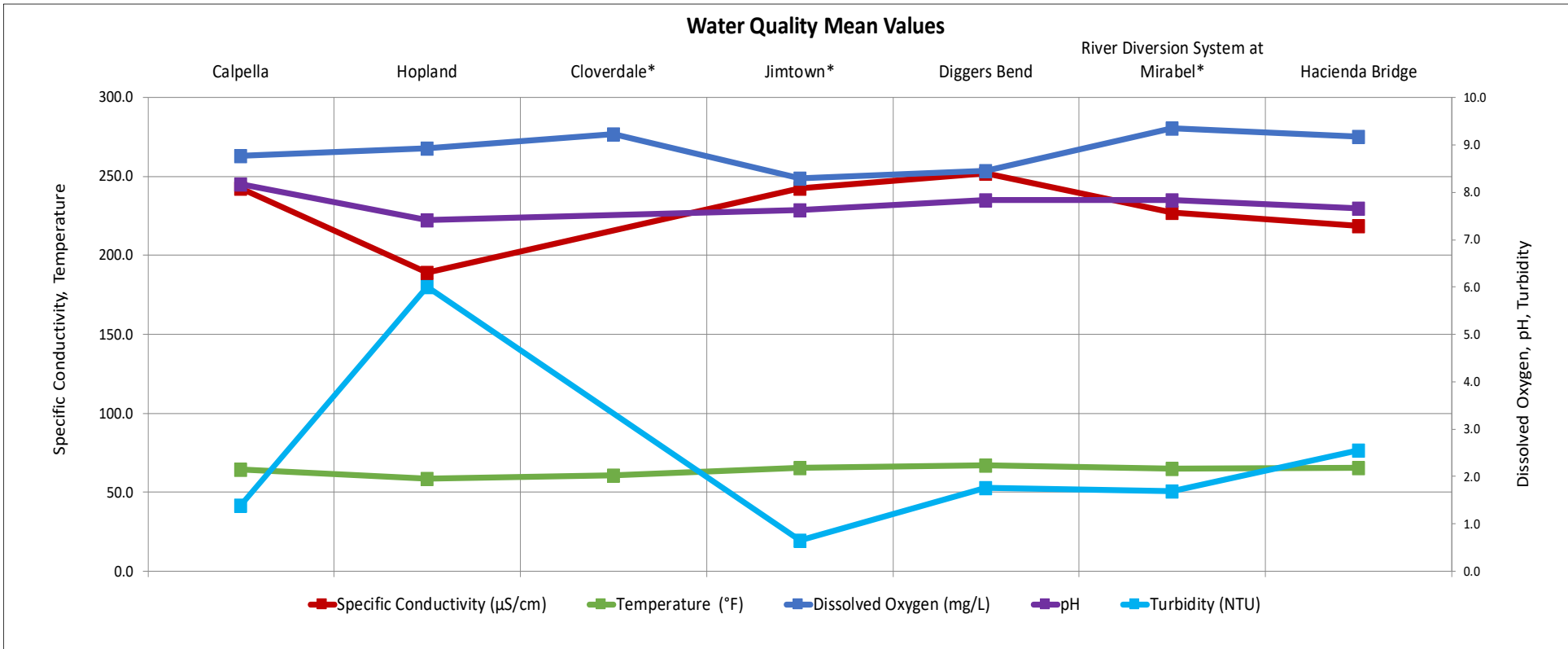




Russian River Flows (September 26, 2025 - October 2, 2025)

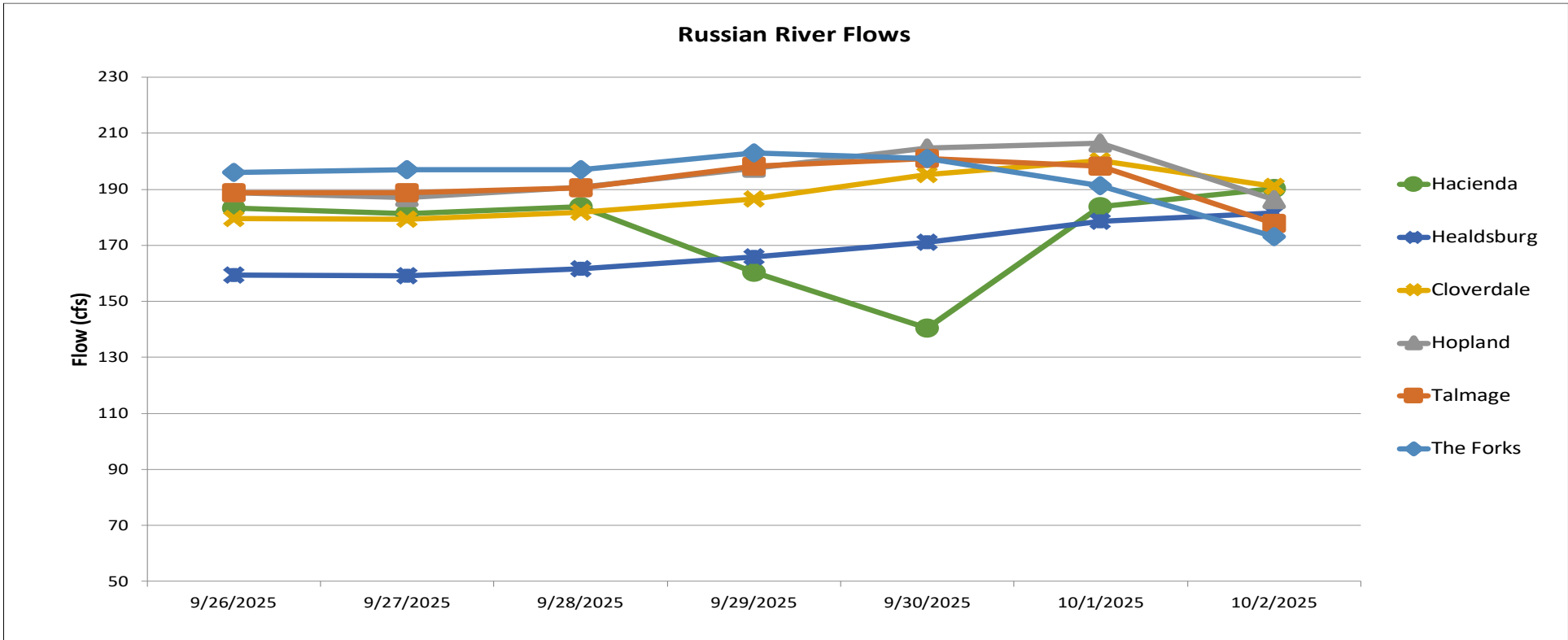
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	61.9	57.4	59.2	63.7	64.9	63.4	63.7	
	Max	68.0	60.8	64.0	68.7	71.1	68.1	68.4	
	Mean	64.6	58.8	61.0	65.4	67.0	65.1	65.6	
Specific Conductivity (µS/cm)	Min	233.0	185.0		237.0	246.0	224.0	216.0	
	Max	248.0	191.0		245.0	254.0	229.8	221.0	
	Mean	242.4	189.3		242.4	252.0	227.3	218.8	
Dissolved Oxygen (mg/L)	Min	8.3	8.5	8.6	7.0	7.5	8.5	8.5	
	Max	9.7	9.5	10.4	10.4	9.9	10.8	10.0	
	Mean	8.8	8.9	9.2	8.3	8.4	9.4	9.2	
Dissolved Oxygen (% Saturation)	Min	87.8	83.2	86.4	74.1	80.7	89.3	90.1	
	Max	103.7	95.2	108.3	114.6	111.2	117.8	110.4	
	Mean	92.8	88.4	93.7	88.7	91.9	99.7	98.1	
pH	Min	8.0	7.3		7.4	7.6	7.6	7.4	
	Max	8.4	7.5		8.0	8.2	8.1	7.9	
	Mean	8.2	7.4		7.6	7.8	7.8	7.7	
Turbidity (NTU)	Min	0.6	4.6		0.0	0.4	0.7	1.6	
	Max	3.8	7.9		1.8	3.0	5.9	3.6	
	Mean	1.4	6.0		0.6	1.8	1.7	2.5	

*Station operated seasonally



Gage	24-hr Average Flow (cfs)						
	Sep 26, 2025	Sep 27, 2025	Sep 28, 2025	Sep 29, 2025	Sep 30, 2025	Oct 1, 2025	Oct 2, 2025
The Forks*	196	197	197	203	201	191	173
Talmage USGS 11462080	189	189	191	198	201	198	178
Hopland USGS 11462500	189	187	191	198	205	207	186
Cloverdale USGS 11463000	179	179	182	186	195	200	191
Healdsburg USGS 11464000	159	159	162	166	171	179	182
Hacienda USGS 11467000	183	181	184	161	141	184	190

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

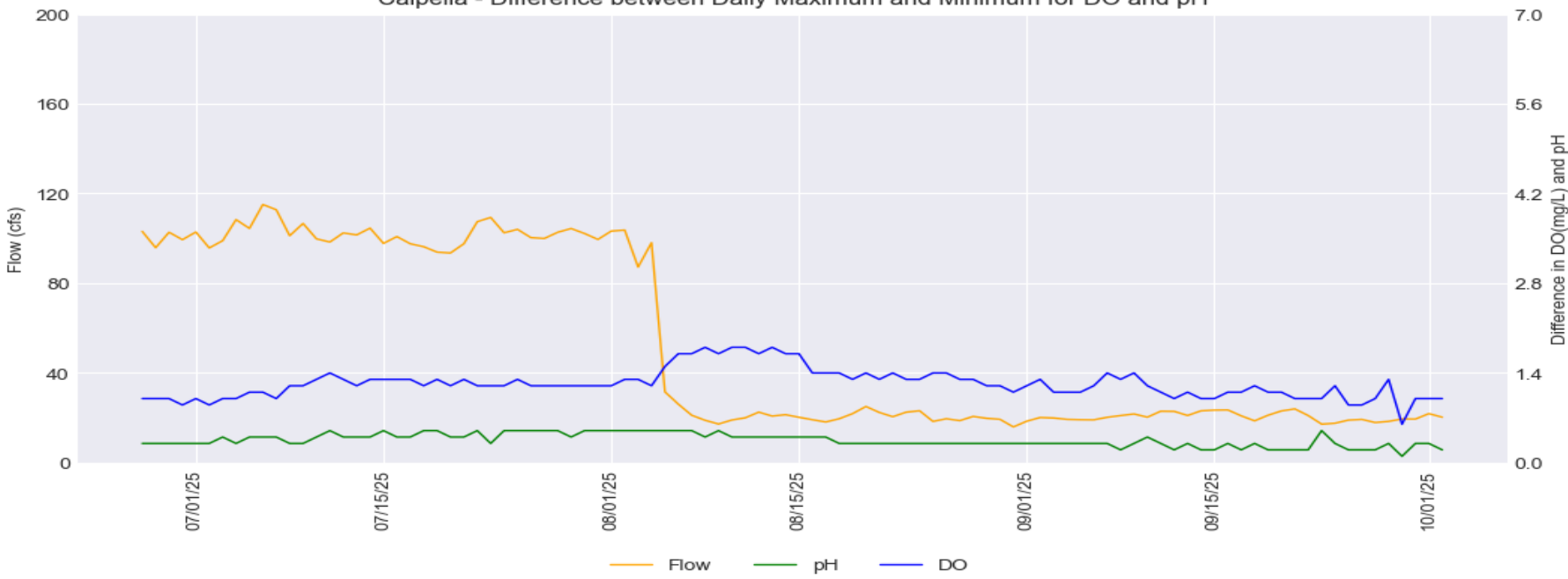


Russian River Water Quality June 27, 2025 – October 2, 2025
Provisional Data Subject to Revision
Calpella

Calpella Water Quality Trend

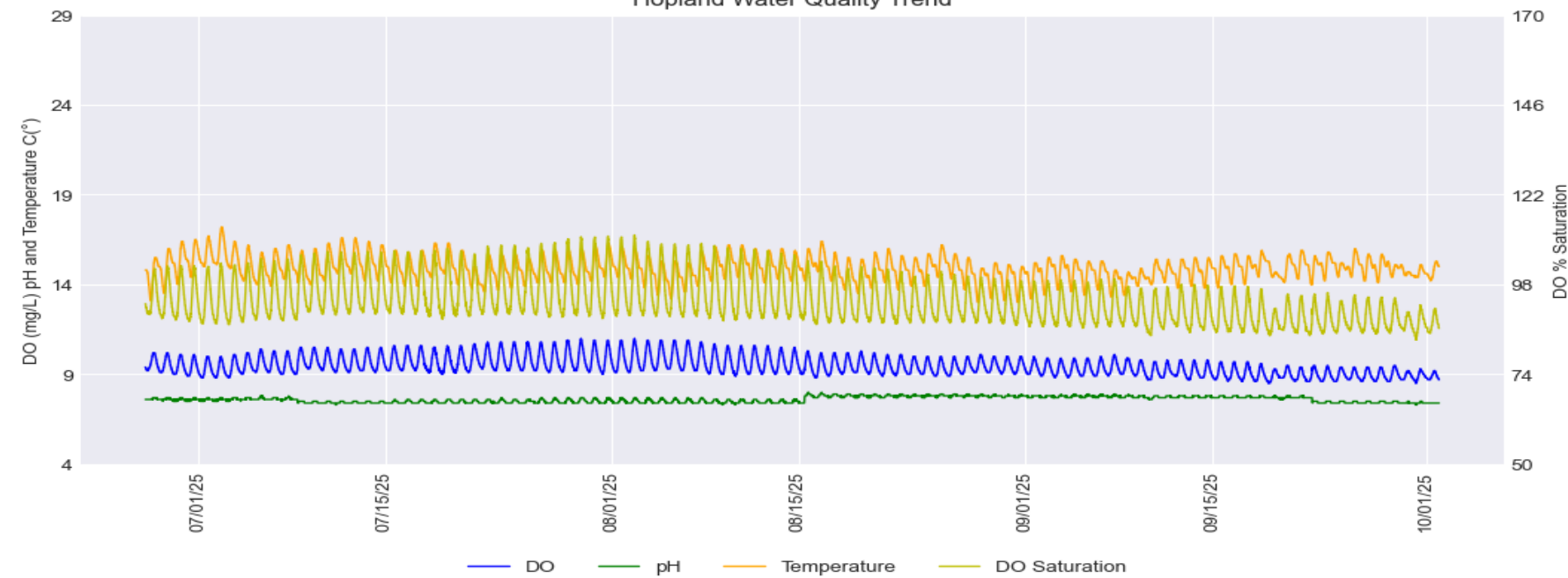


Calpella - Difference between Daily Maximum and Minimum for DO and pH

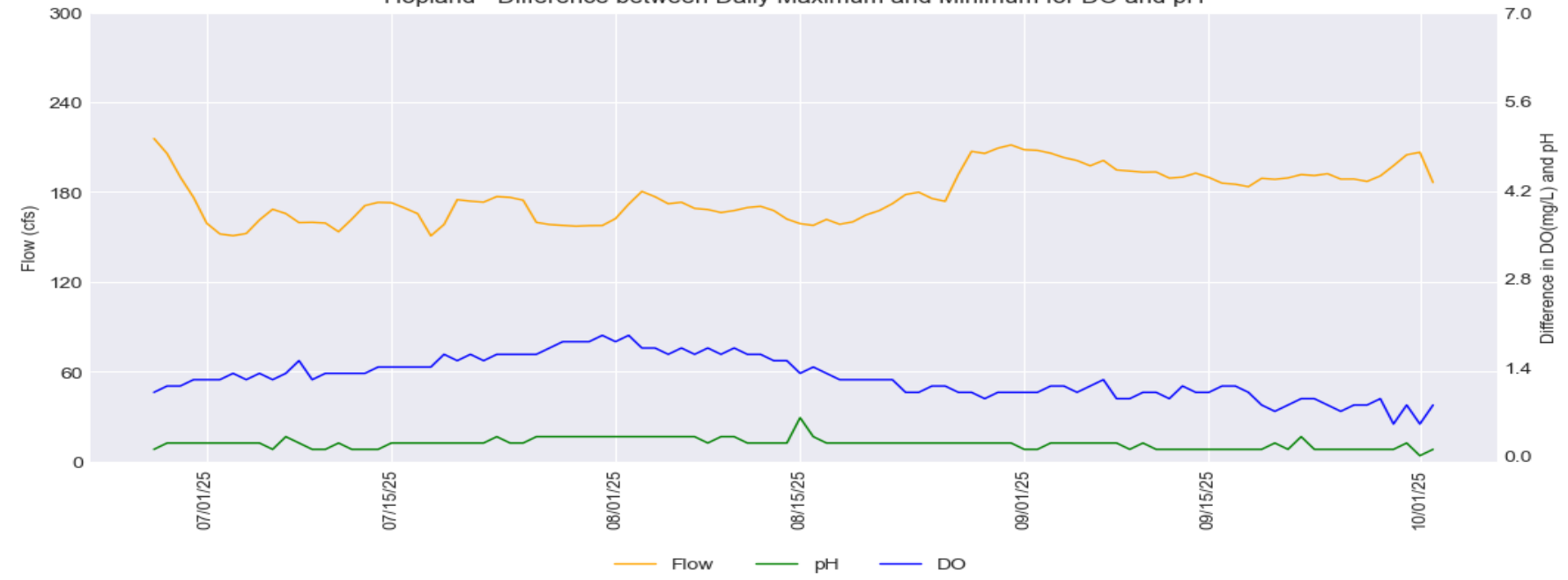


Hopland

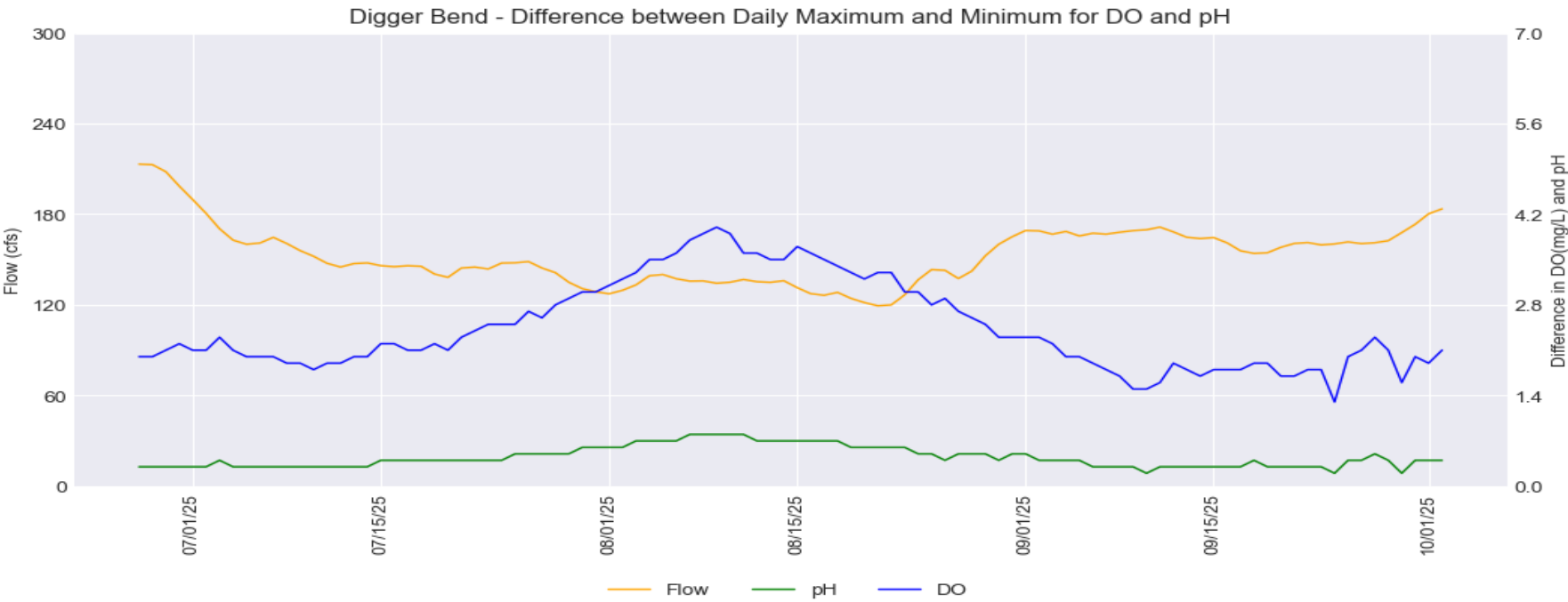
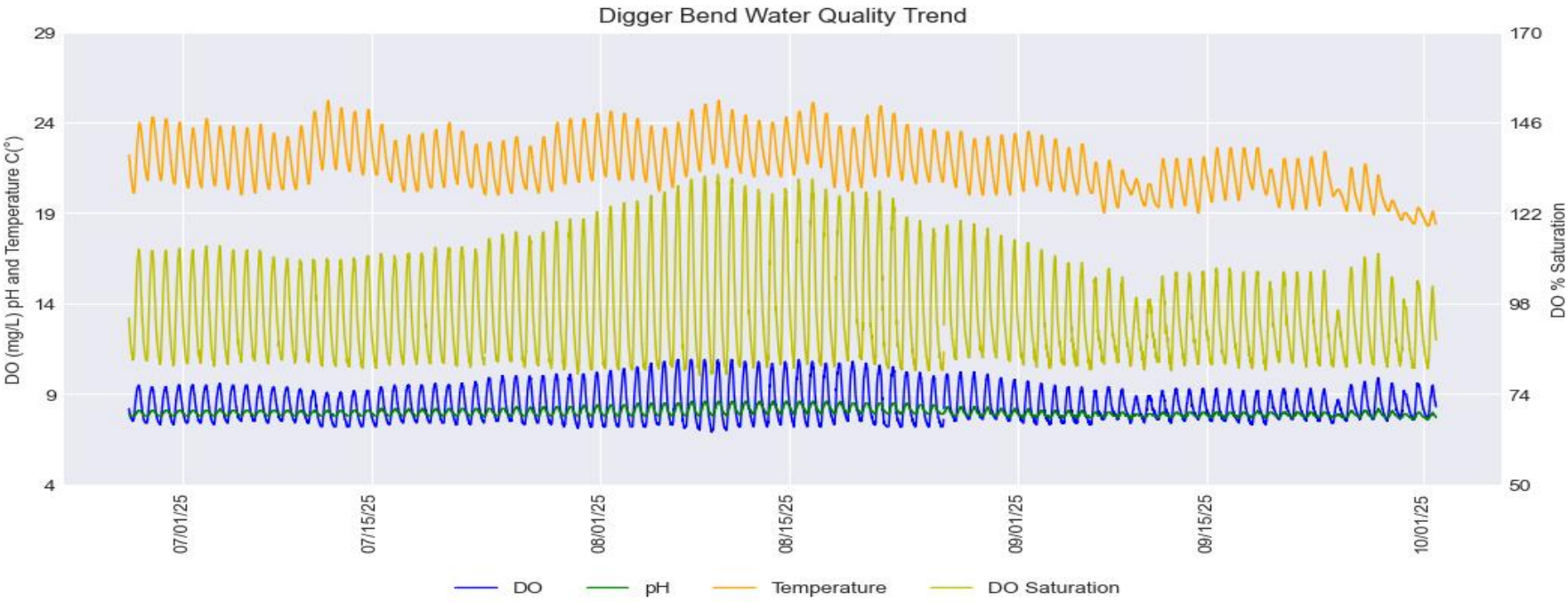
Hopland Water Quality Trend



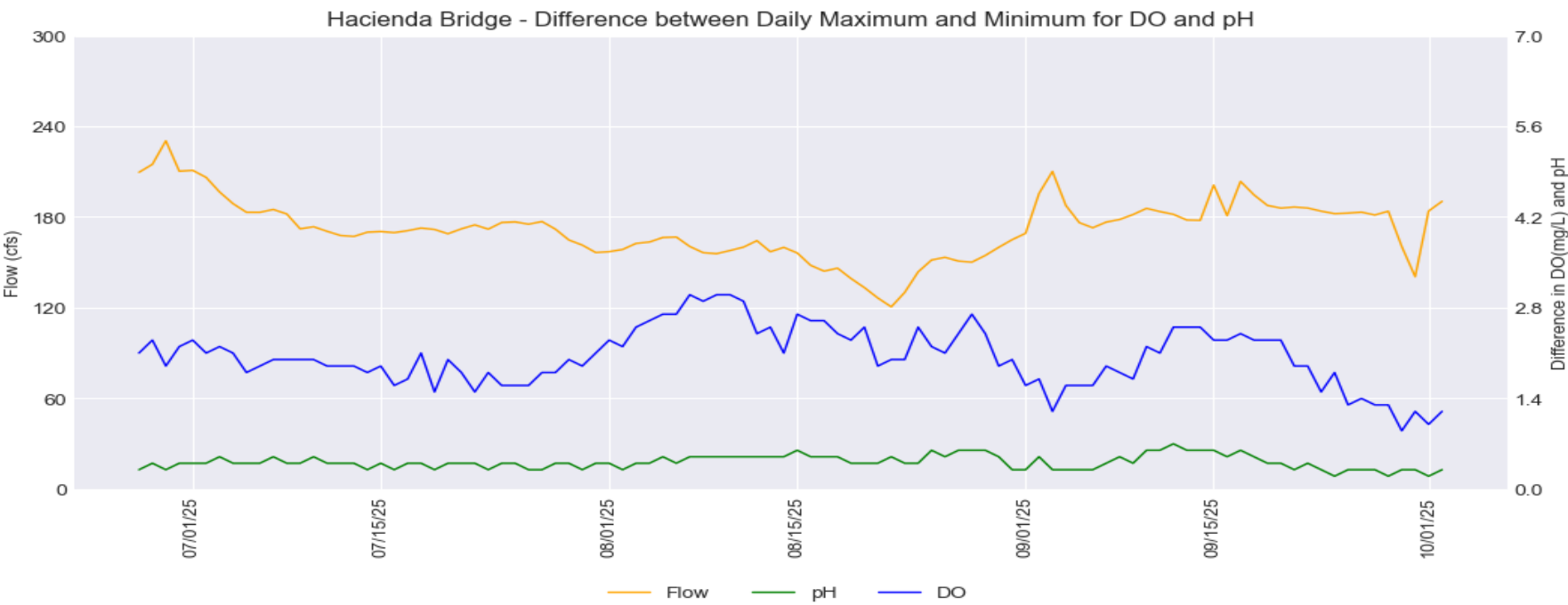
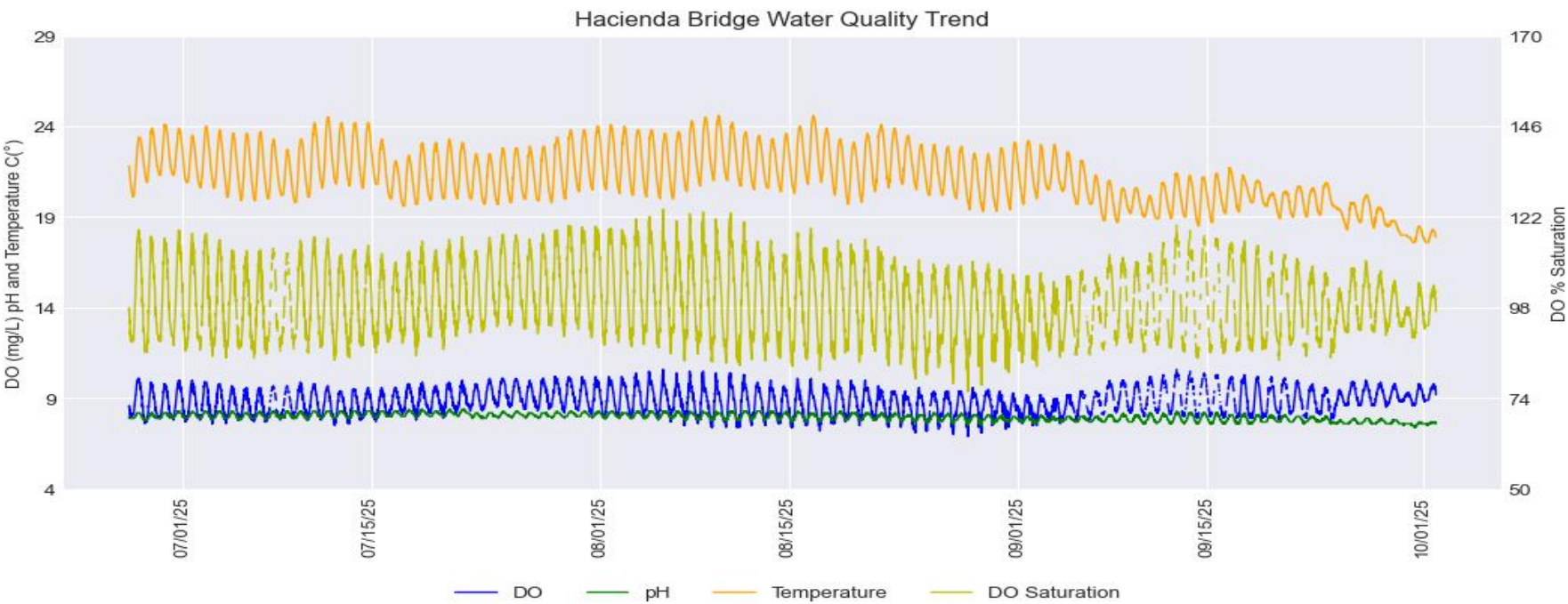
Hopland - Difference between Daily Maximum and Minimum for DO and pH



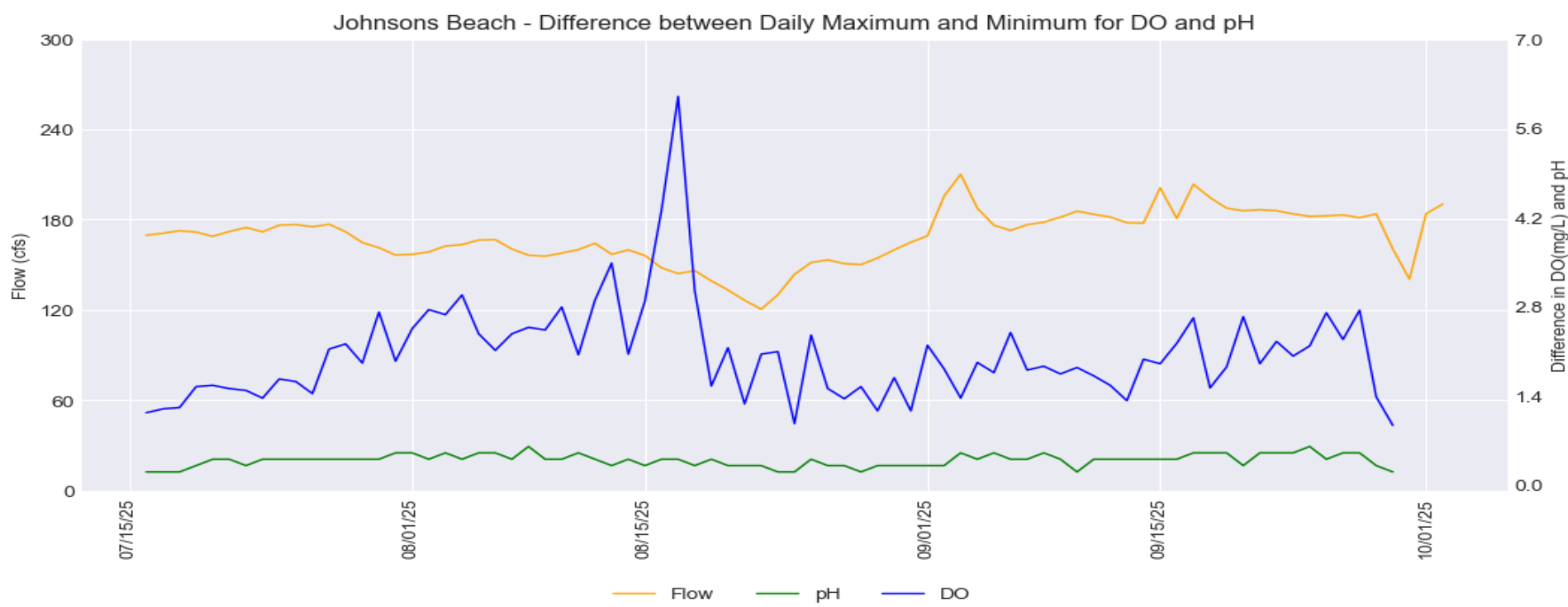
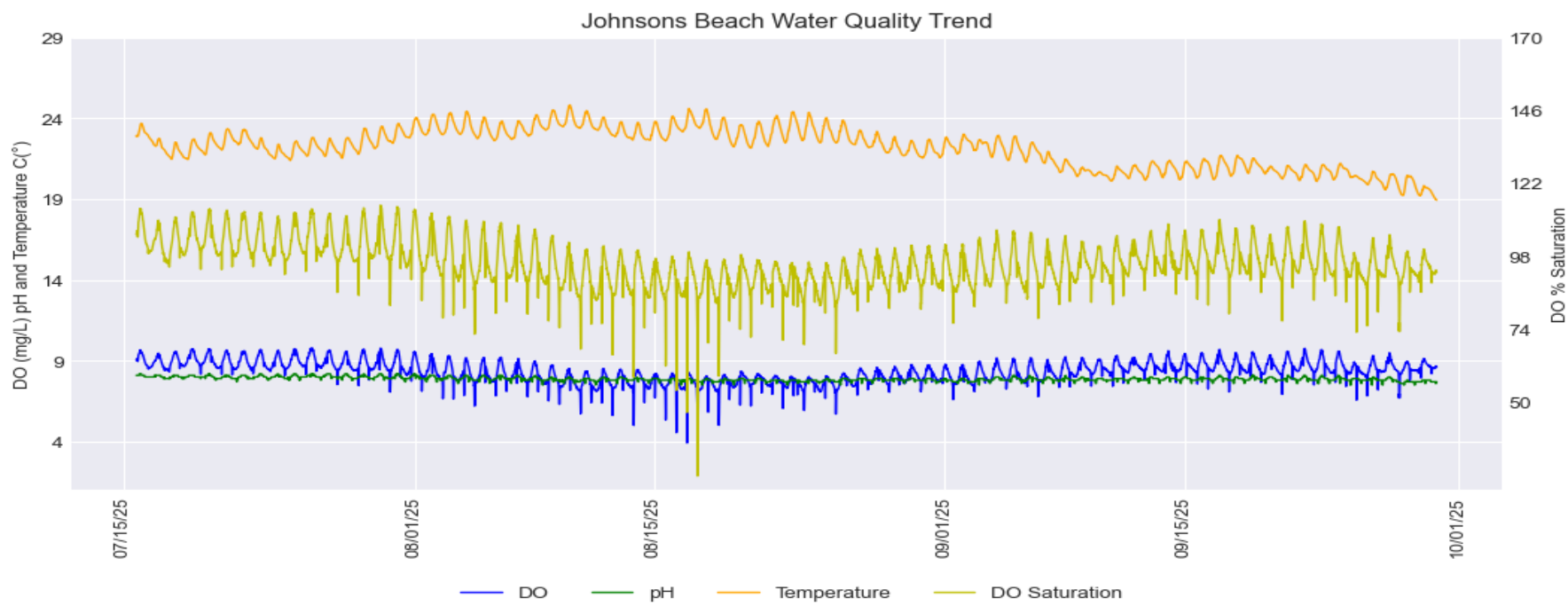
Russian River Water Quality June 27, 2025 – October 2, 2025
Provisional Data Subject to Revision
Digger Bend



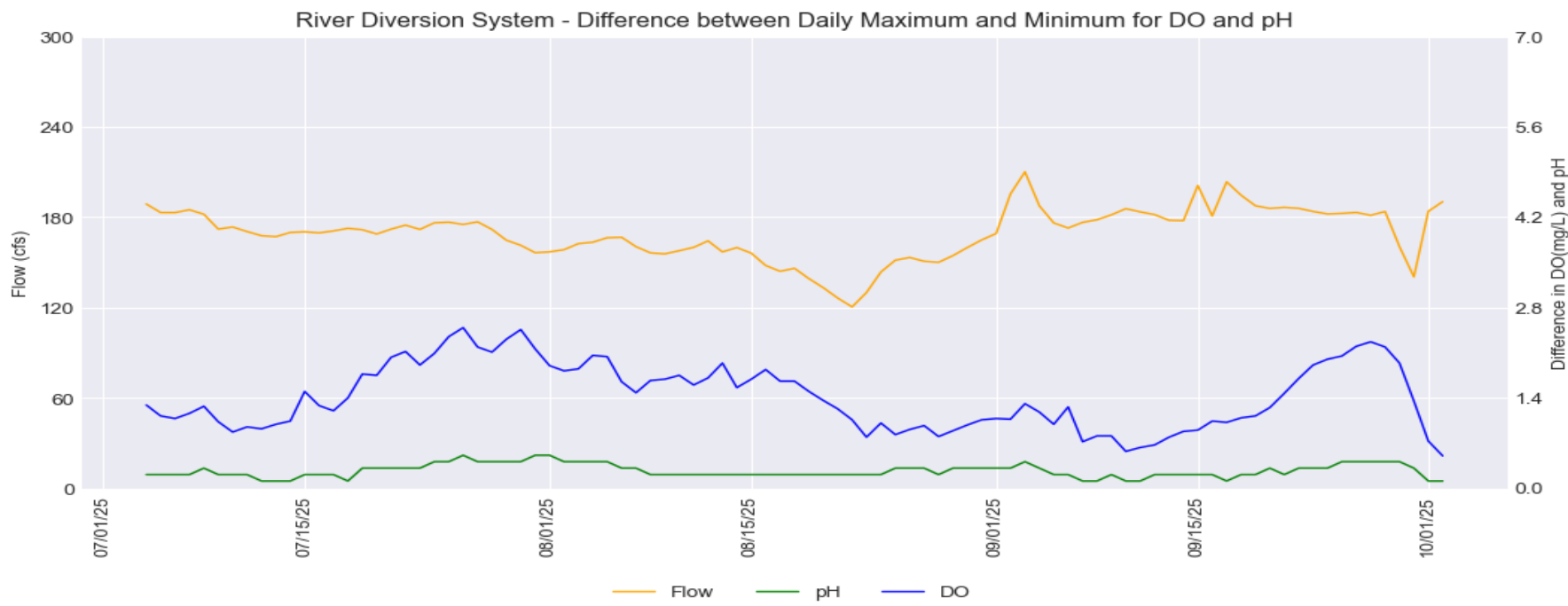
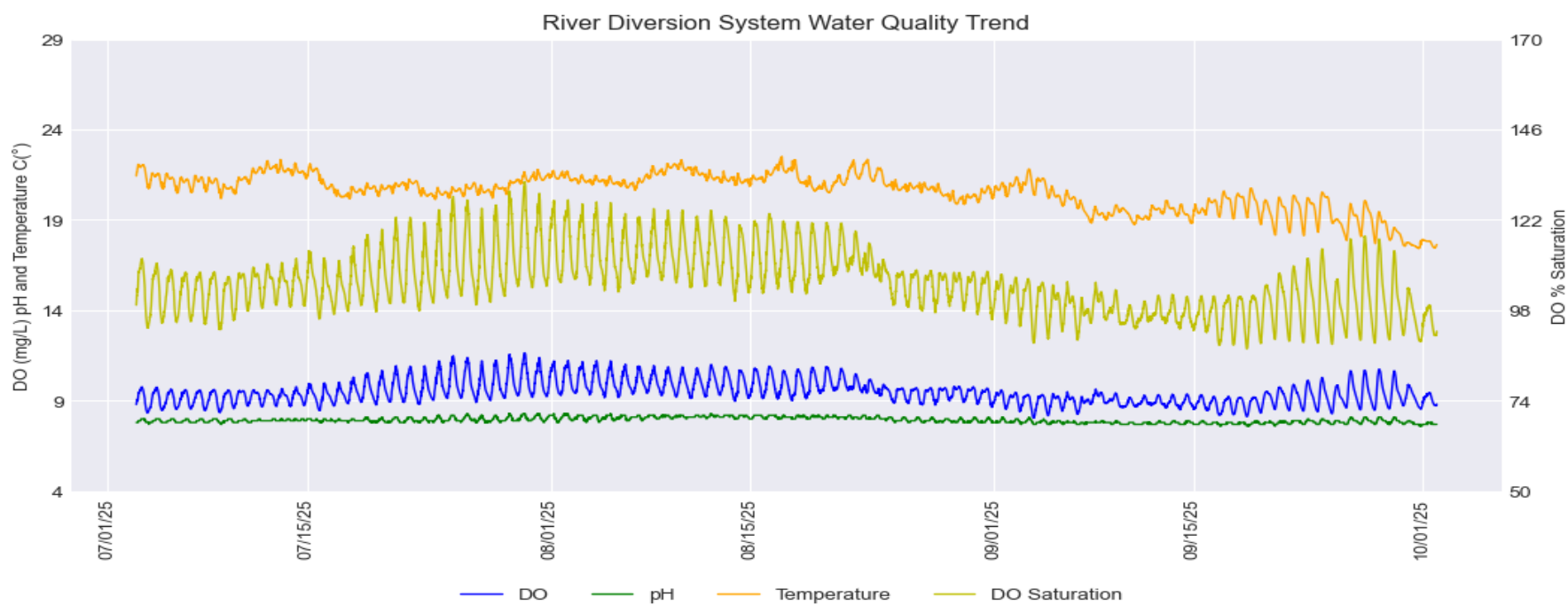
Hacienda Bridge



Russian River Water Quality June 27, 2025 – October 2, 2025
Provisional Data Subject to Revision
Johnsons Beach

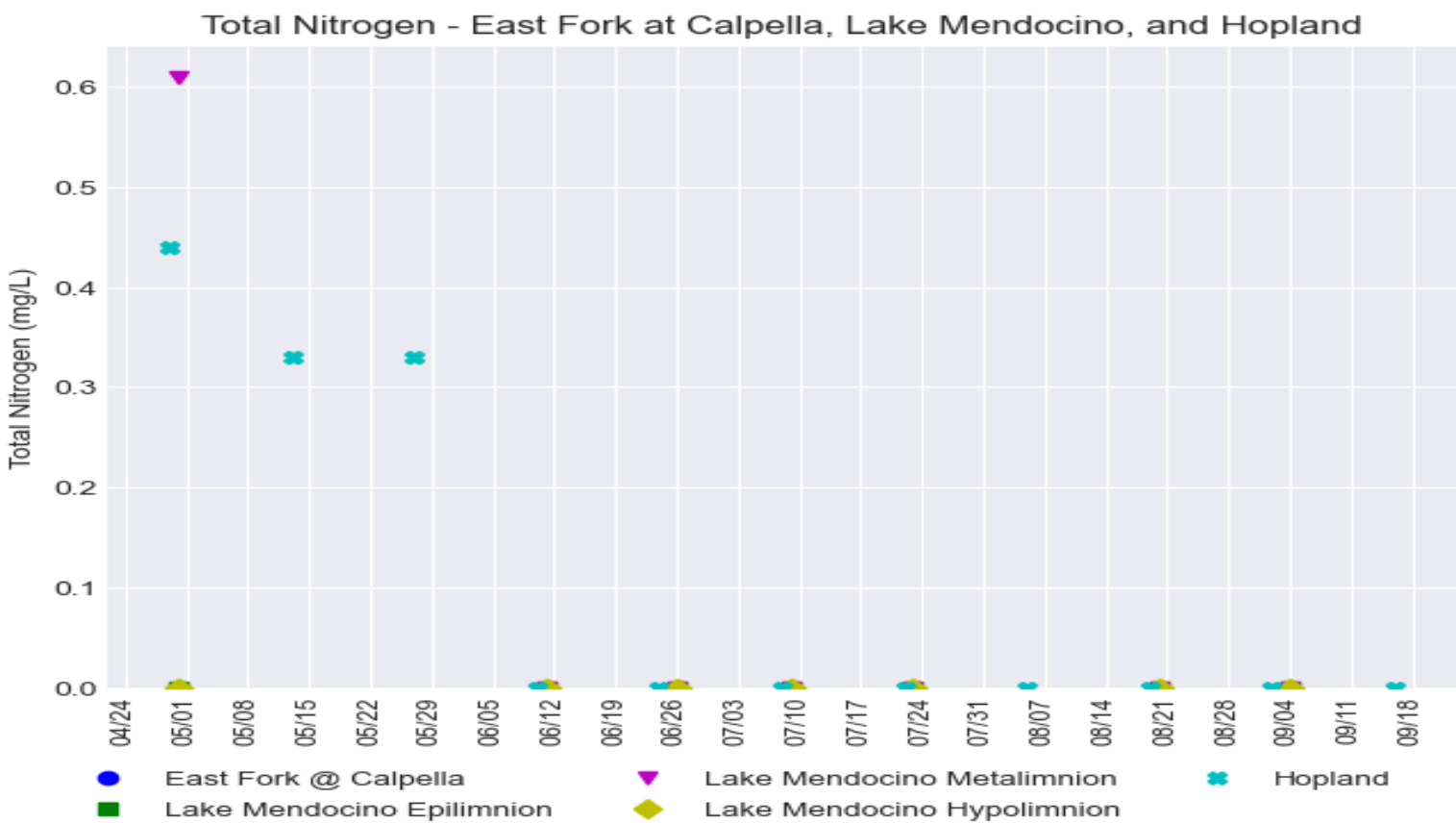
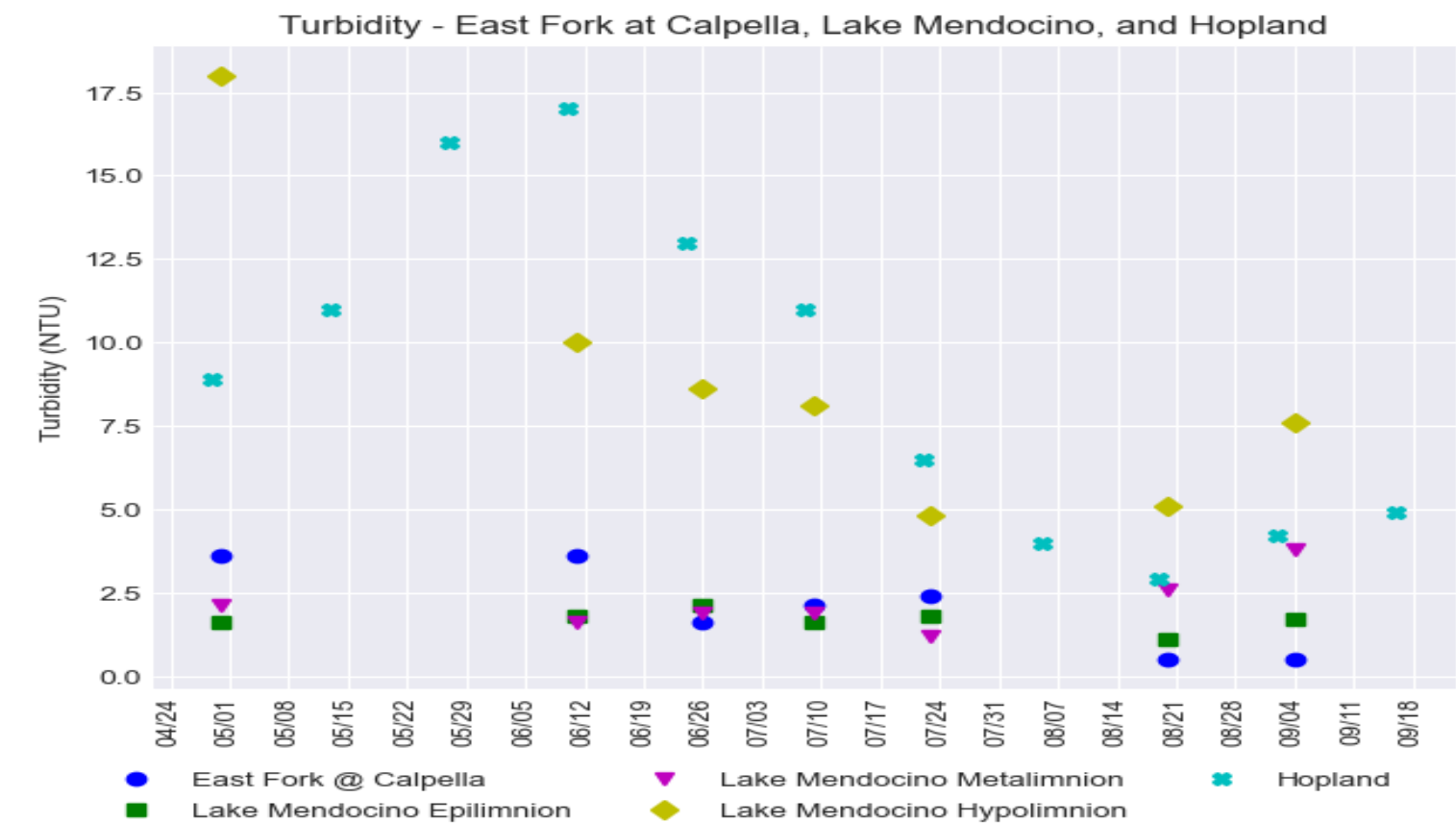
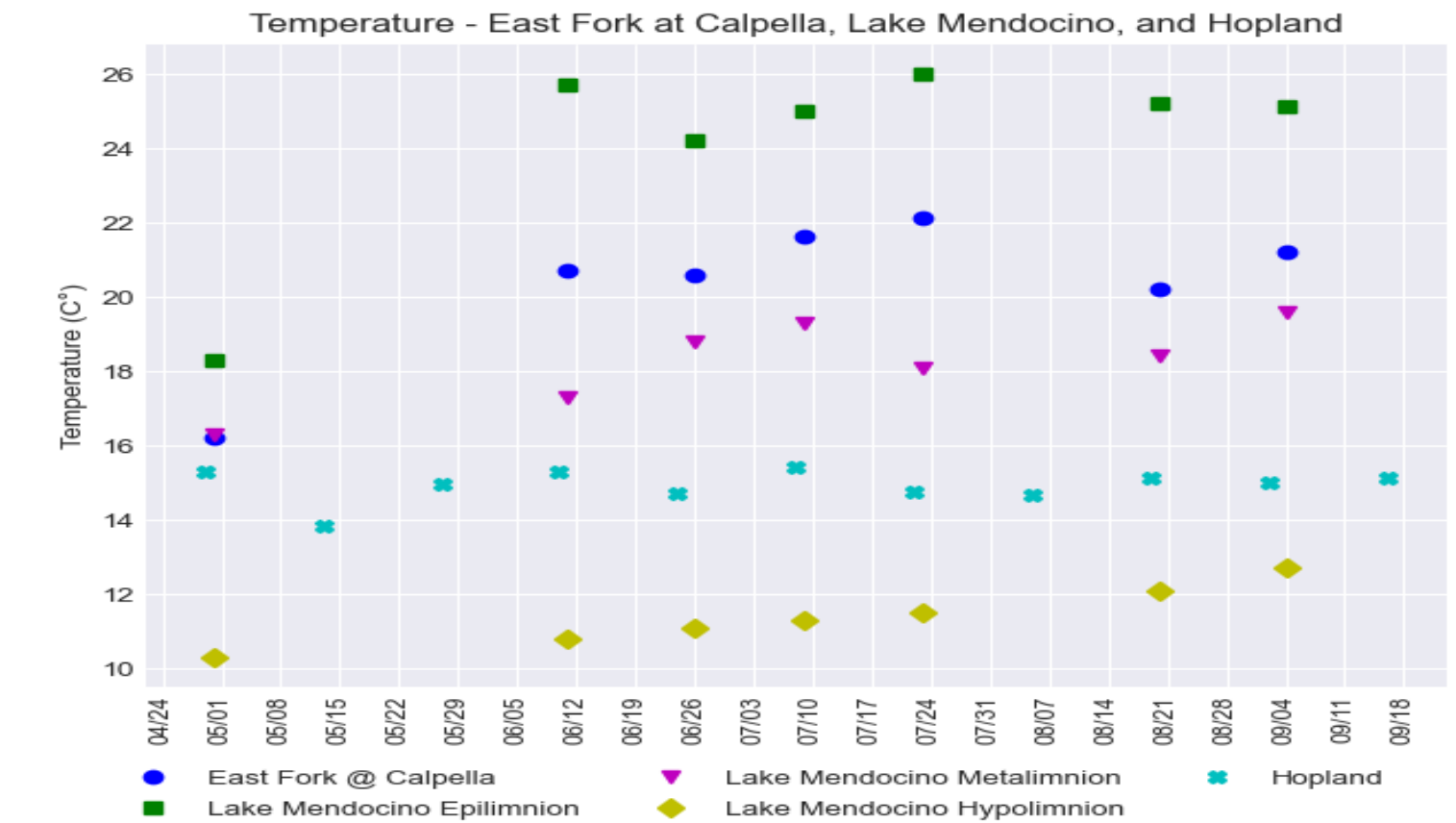


River Diversion System at Mirabel



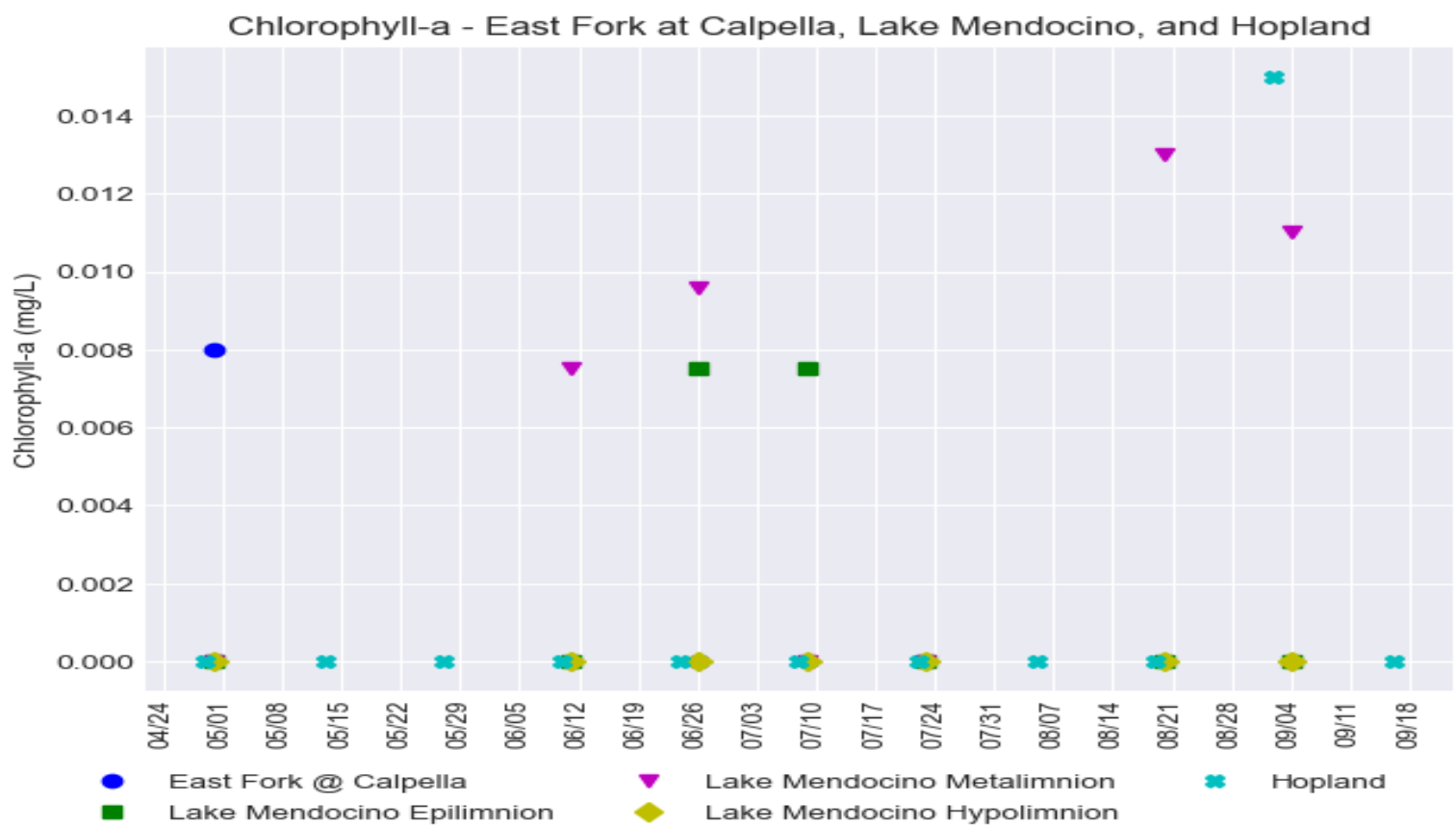
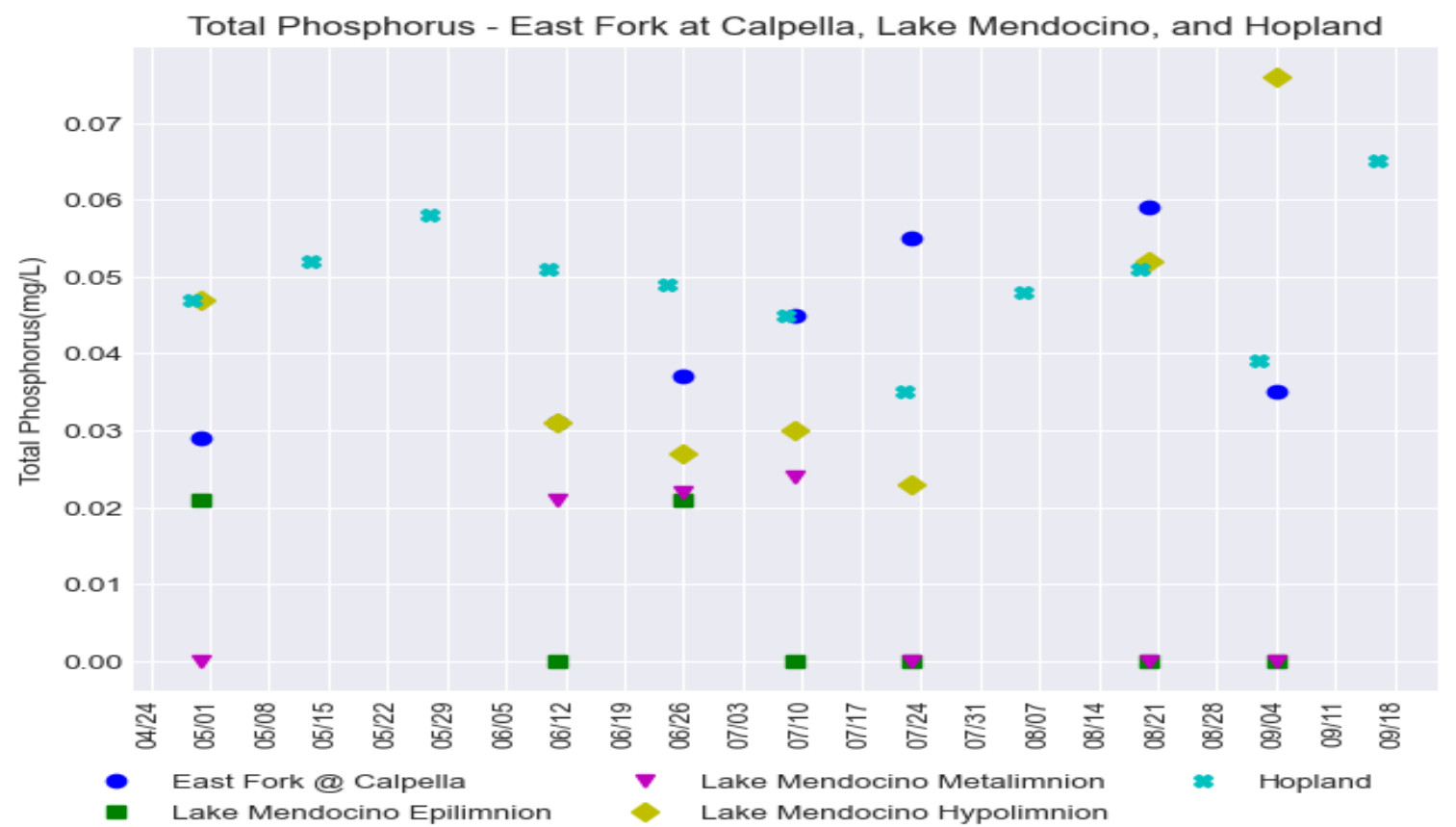
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



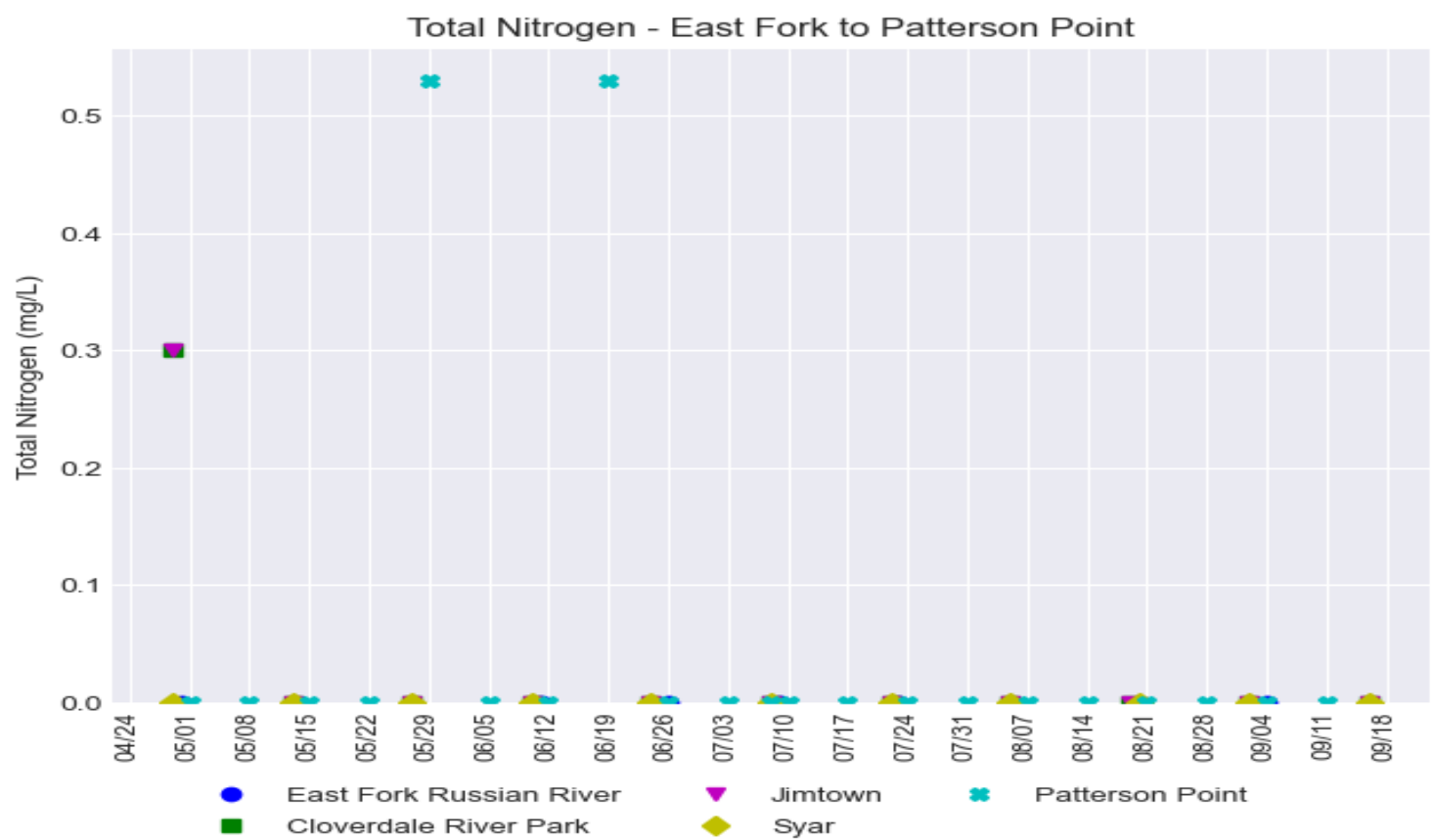
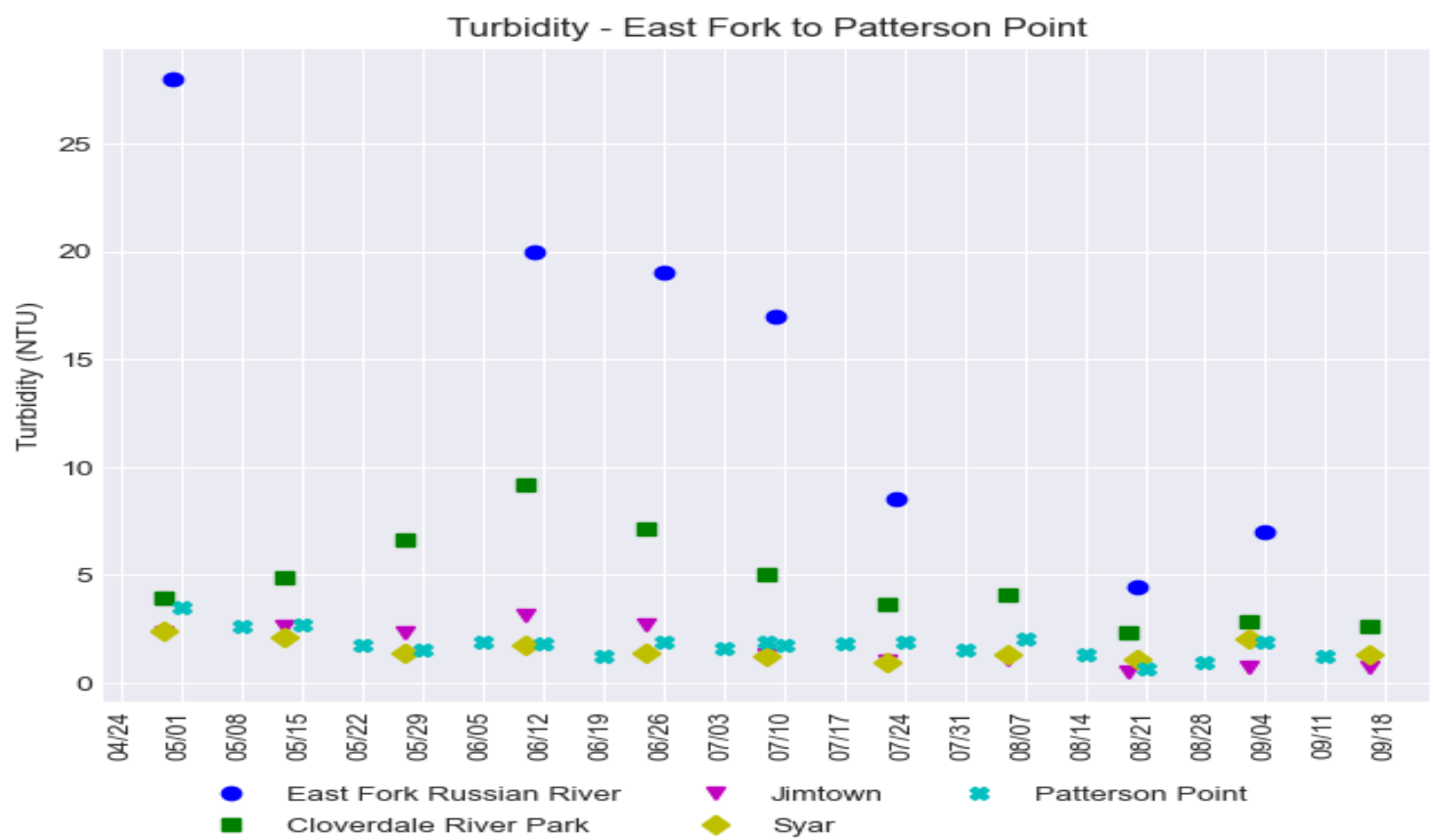
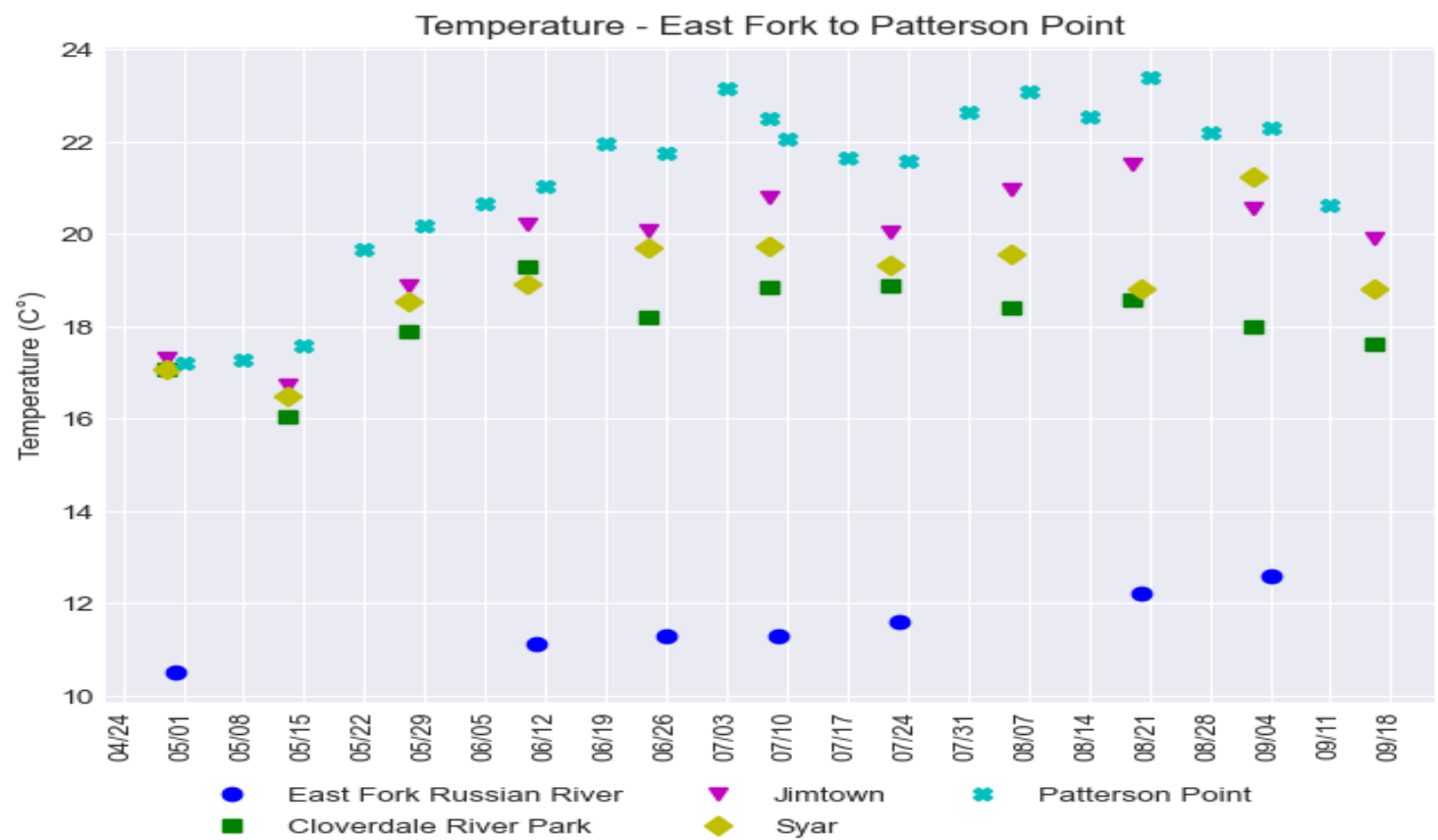
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision

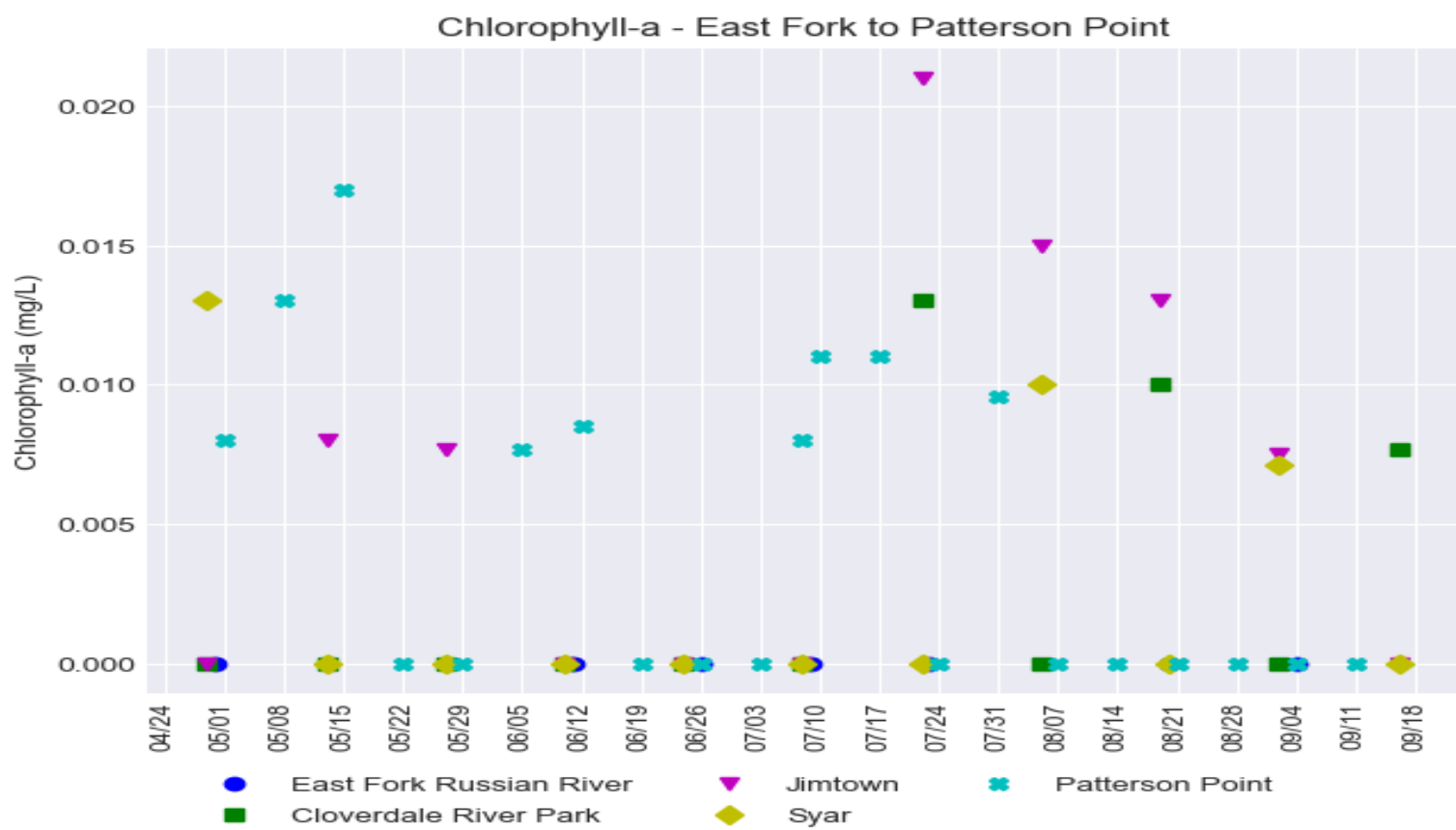
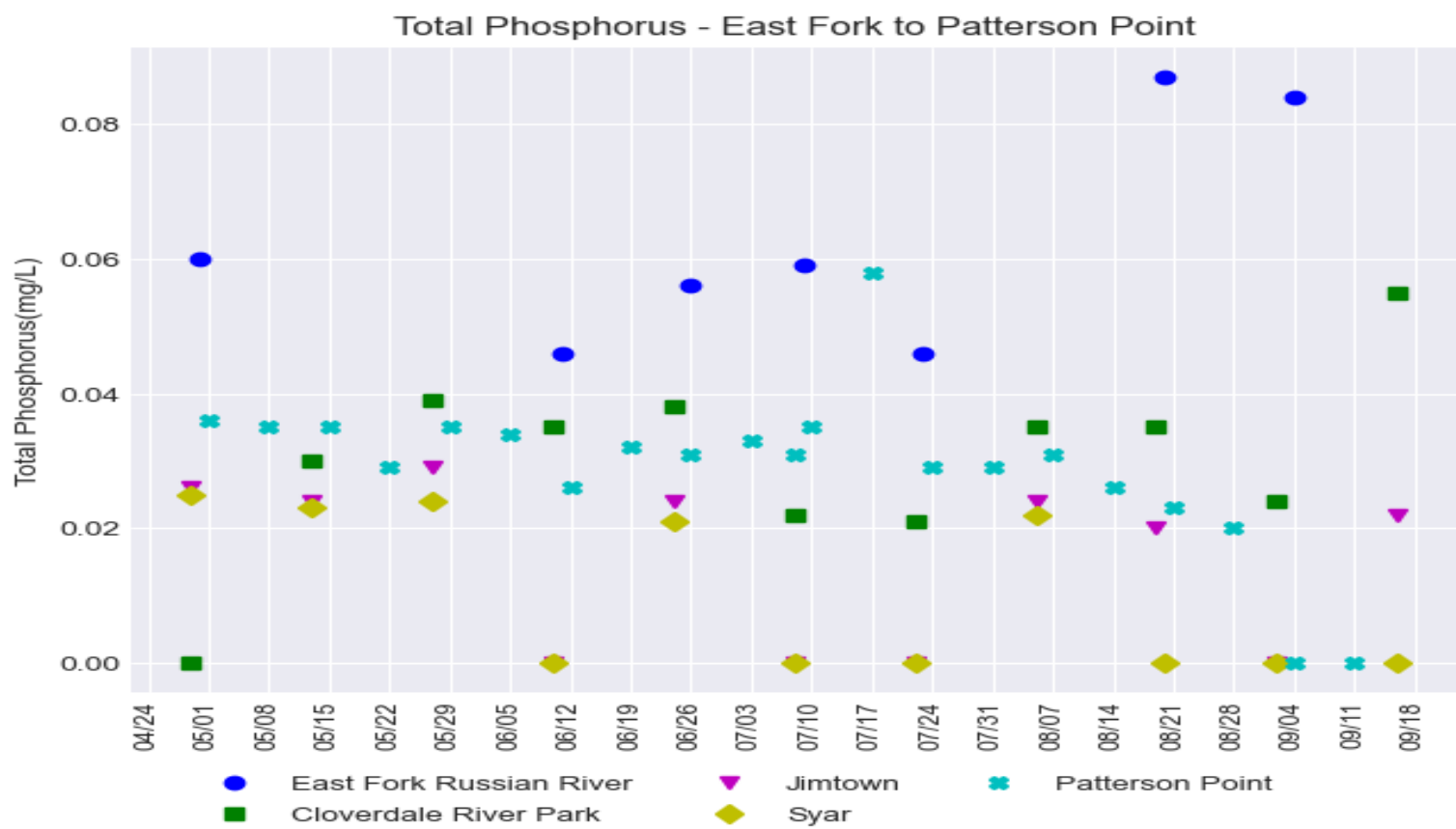


Russian River Water Quality Grab Samples

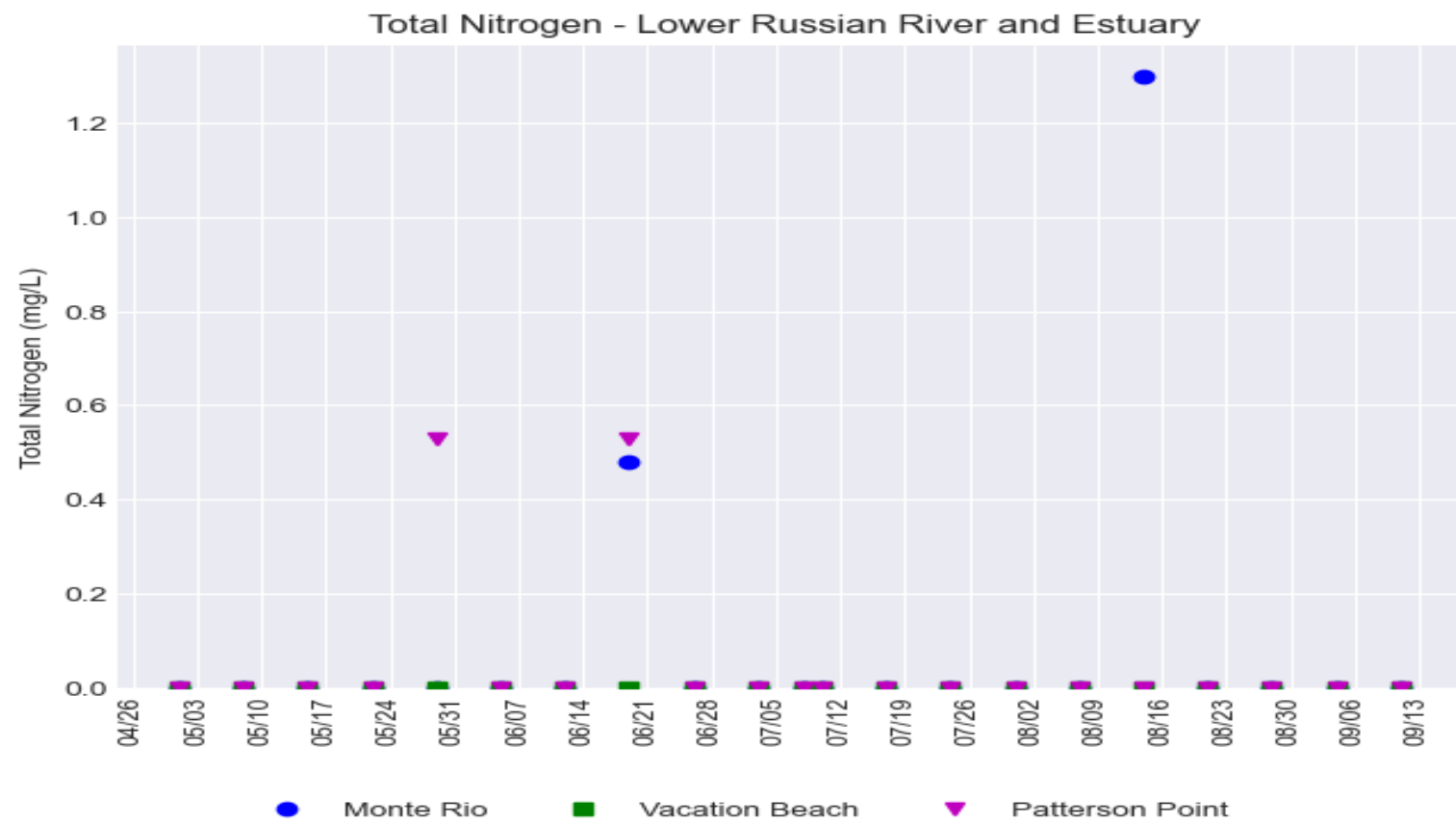
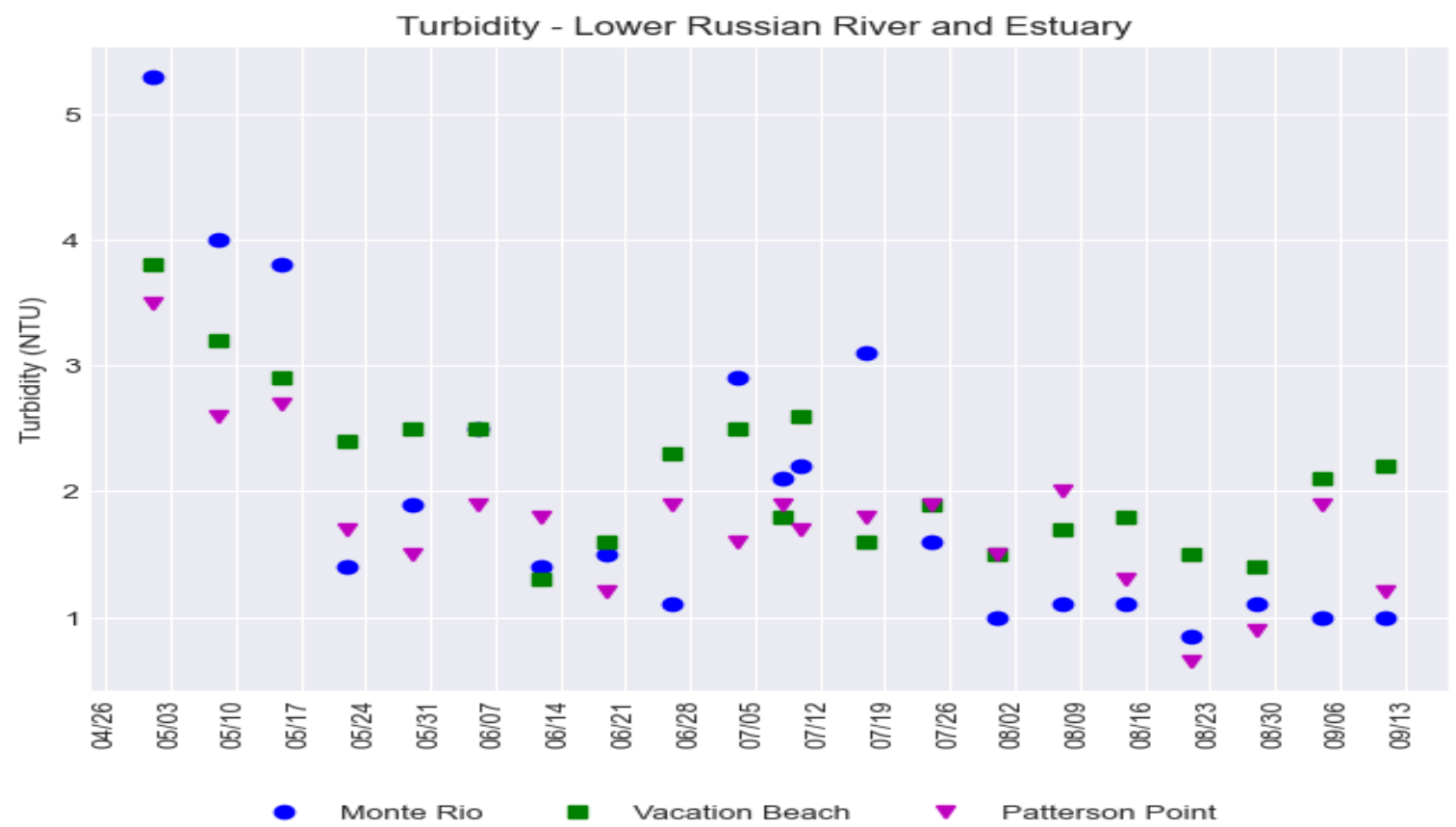
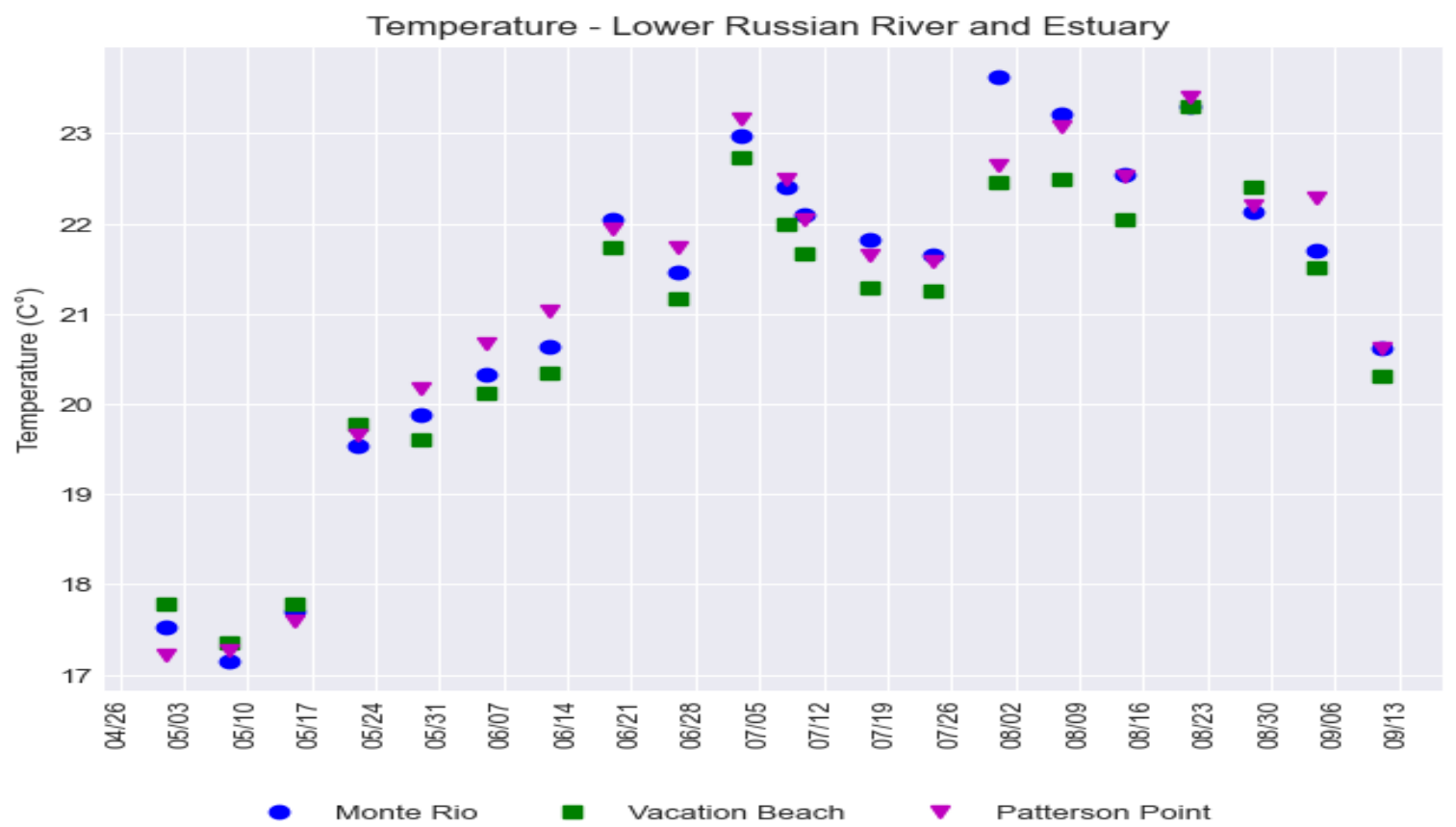
Provisional Data Subject to Revision



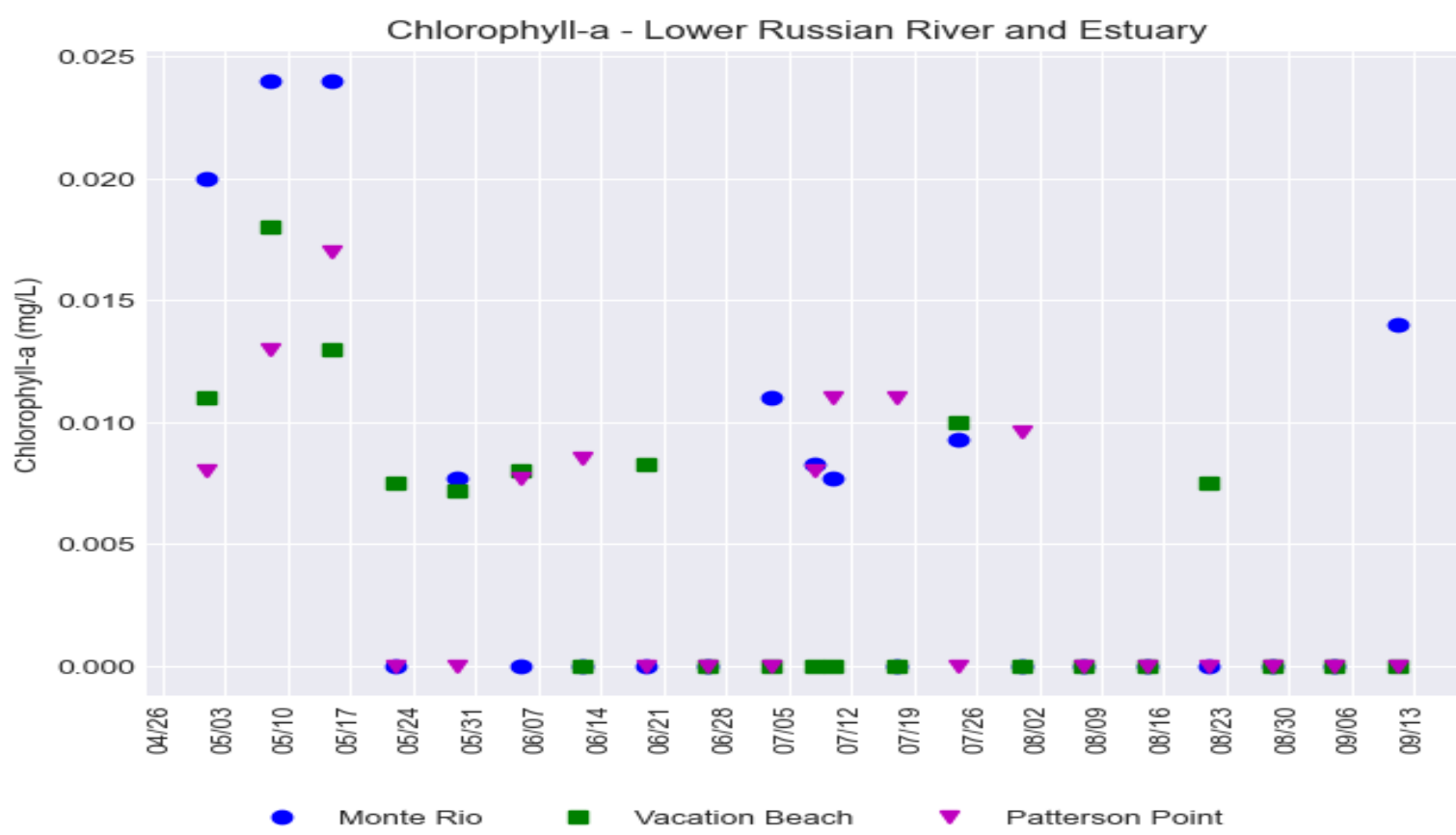
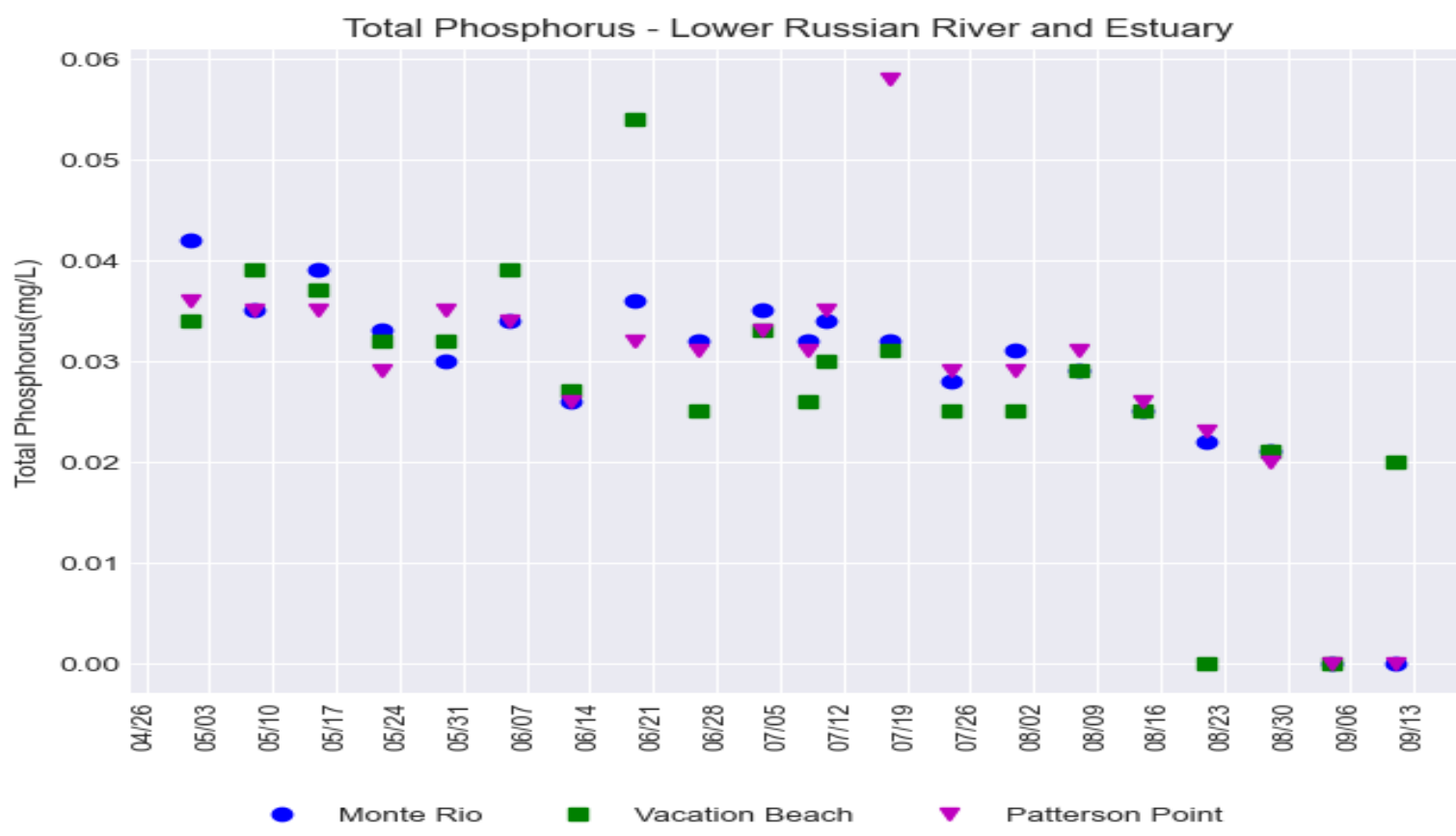
Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



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

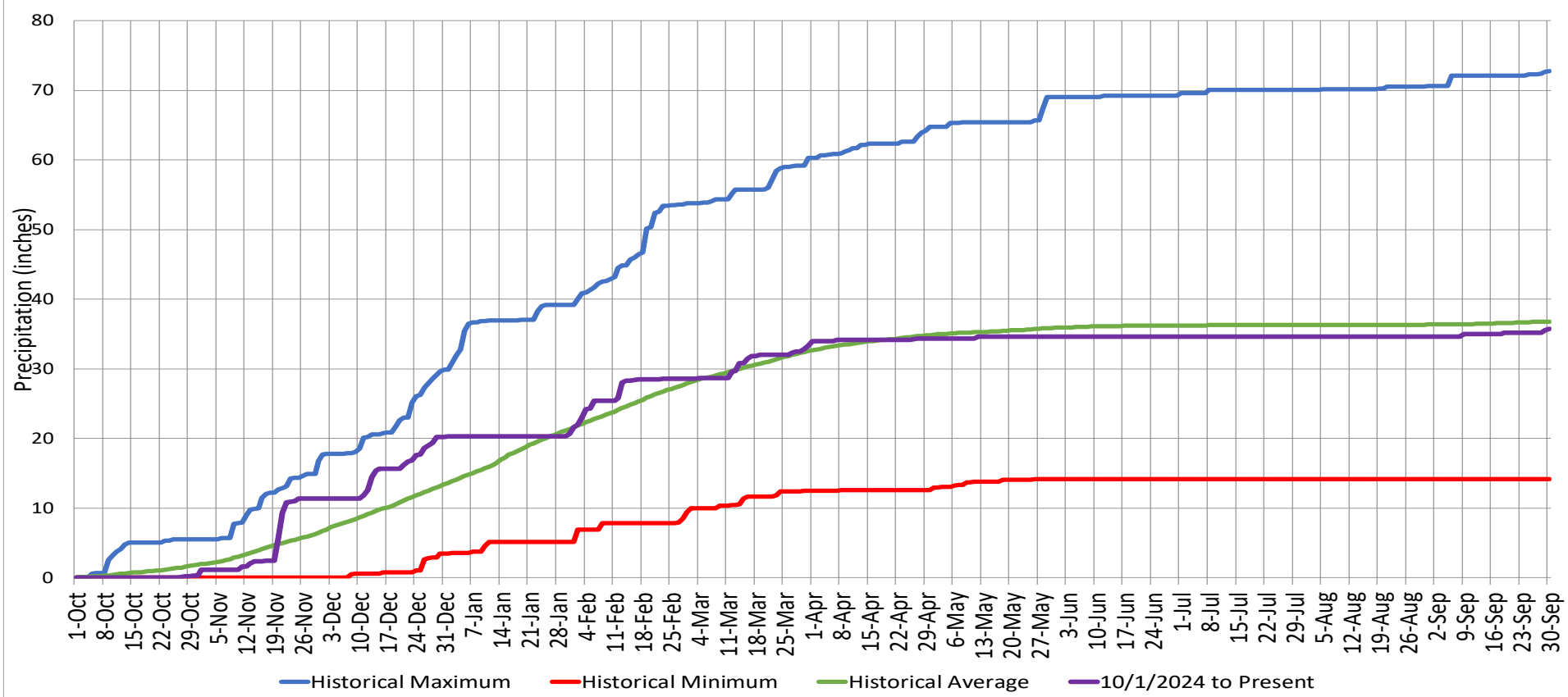
Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	8/7/2025	1722**	1515**	1396**
		8/14/2025	1732.9	1413.6	1986.3
		8/21/2025	1732.9	1413.6	1553.1
		8/28/2025	1413.6	2419.6	1299.7
		9/4/2025	1299.7	1119.9	1986.3
		9/11/2025	1046.2	866.4	1046.2
		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 environments and

Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2025 - Oct 2, 2025	35.95
Last 7 Days*	0.76

Cumulative Precipitation Comparison of Current Year versus Historic Record



Global Forecast System Model 16-day Cumulative Precipitation Forecast

