



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
August 29, 2025 - September 4, 2025

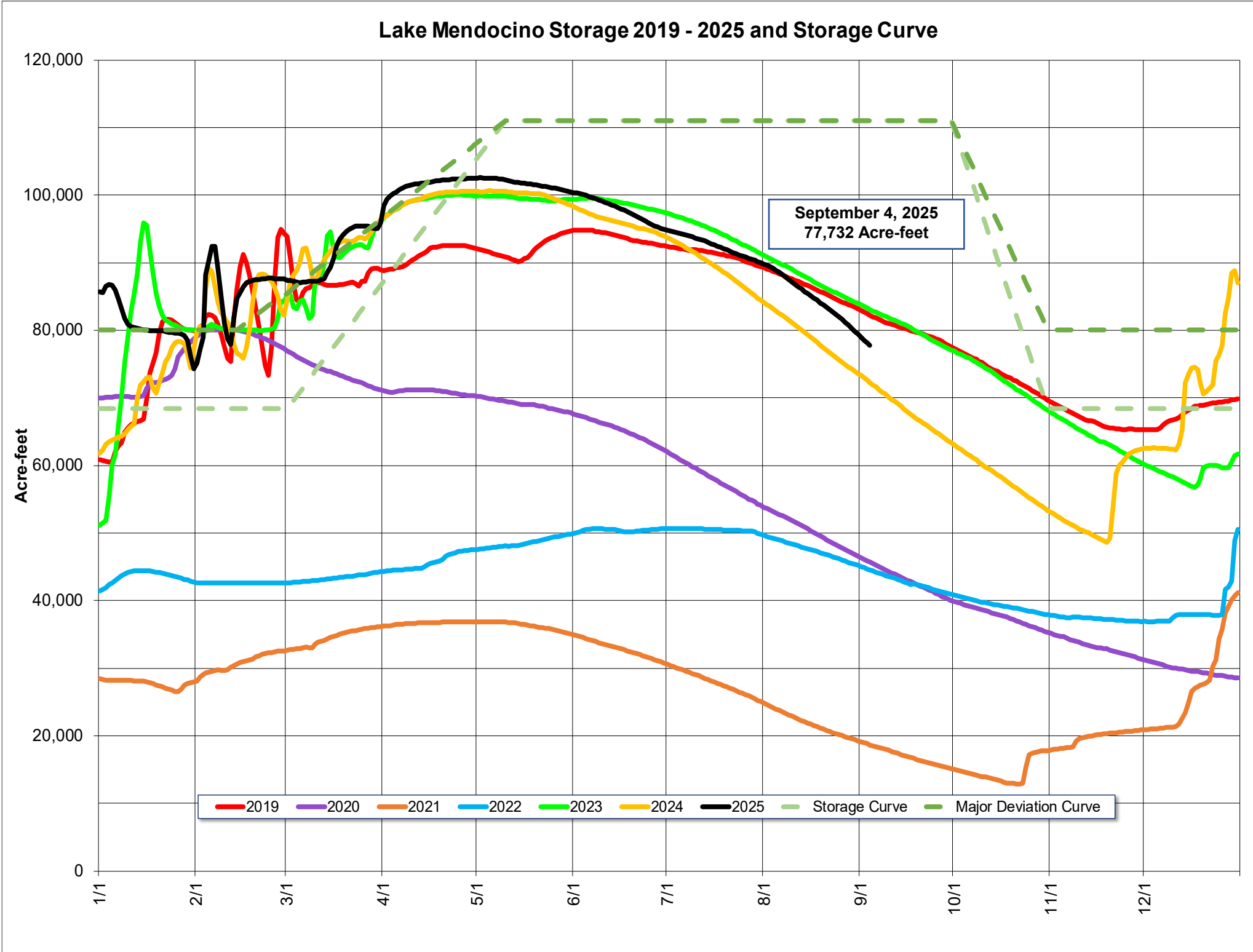
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of September 4, 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

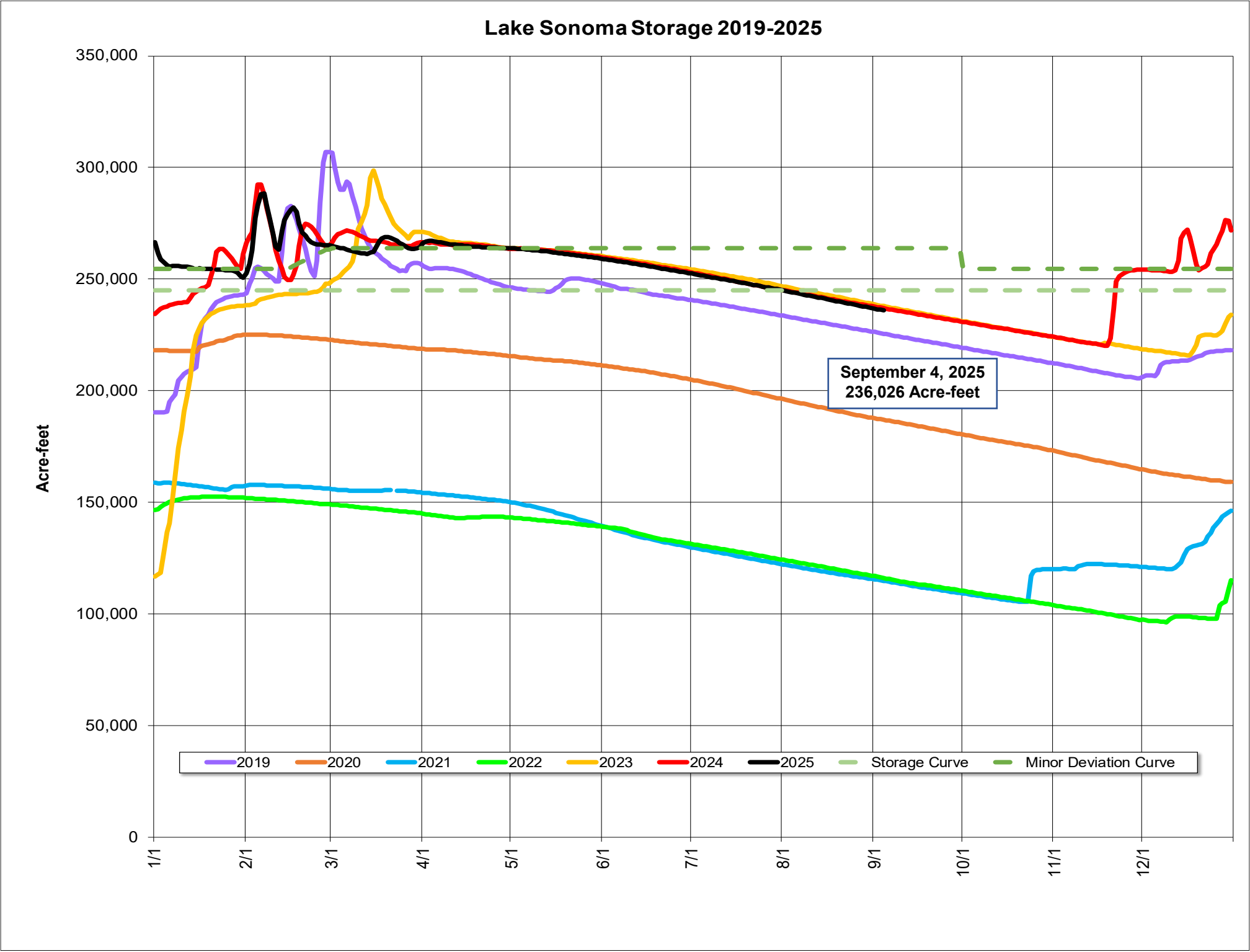
Lake Mendocino Storage 2019 - 2025 and Storage Curve



Storage (acre-feet)	September 4, 2025	77,732	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-11,124	-371
	Last 7 days	-2,545	-364
Daily Inflow (cfs)	Last 7 days	Min	44
		Max	77
		Mean	59
Release (cfs)	Last 7 days	Min	248
		Max	267
		Mean	259



Todd Schram, February 10 , 2024



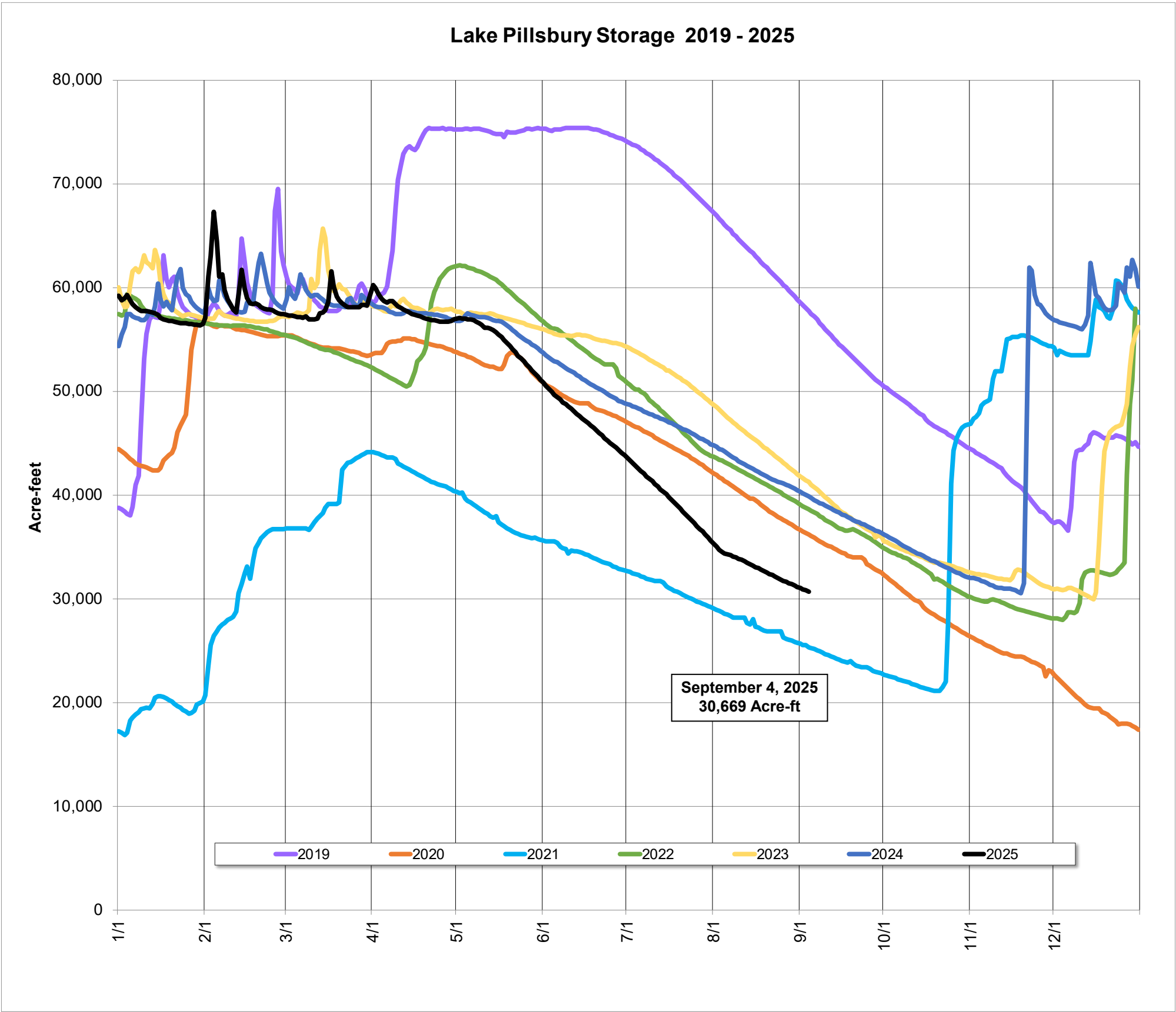
Storage (acre-feet)	September 4, 2025	236,026	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,830	-261
	Last 7 days	-1,573	-225
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	26
		Mean	9
Release (cfs)	Last 7 days	Min	117
		Max	121
		Mean	119

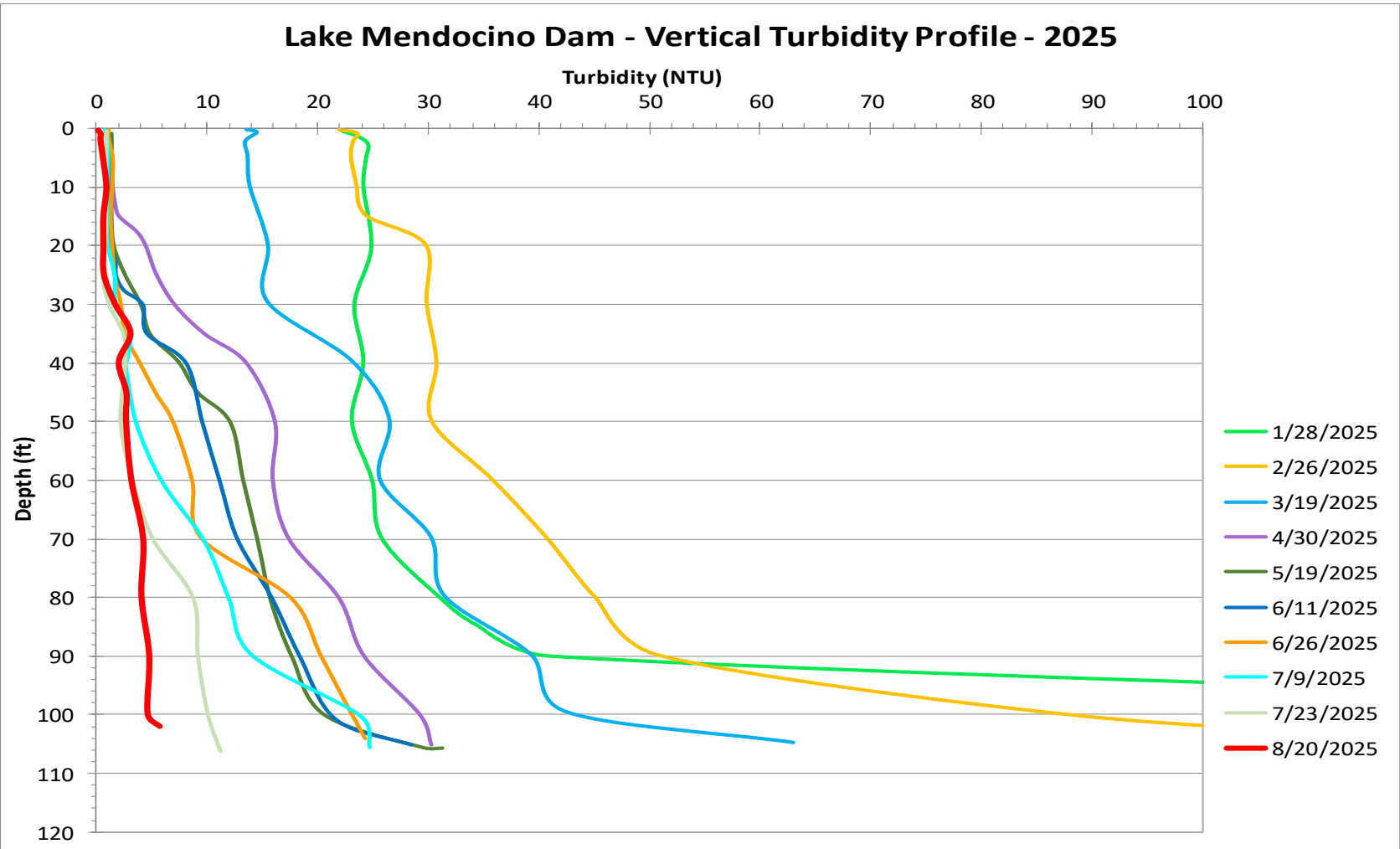
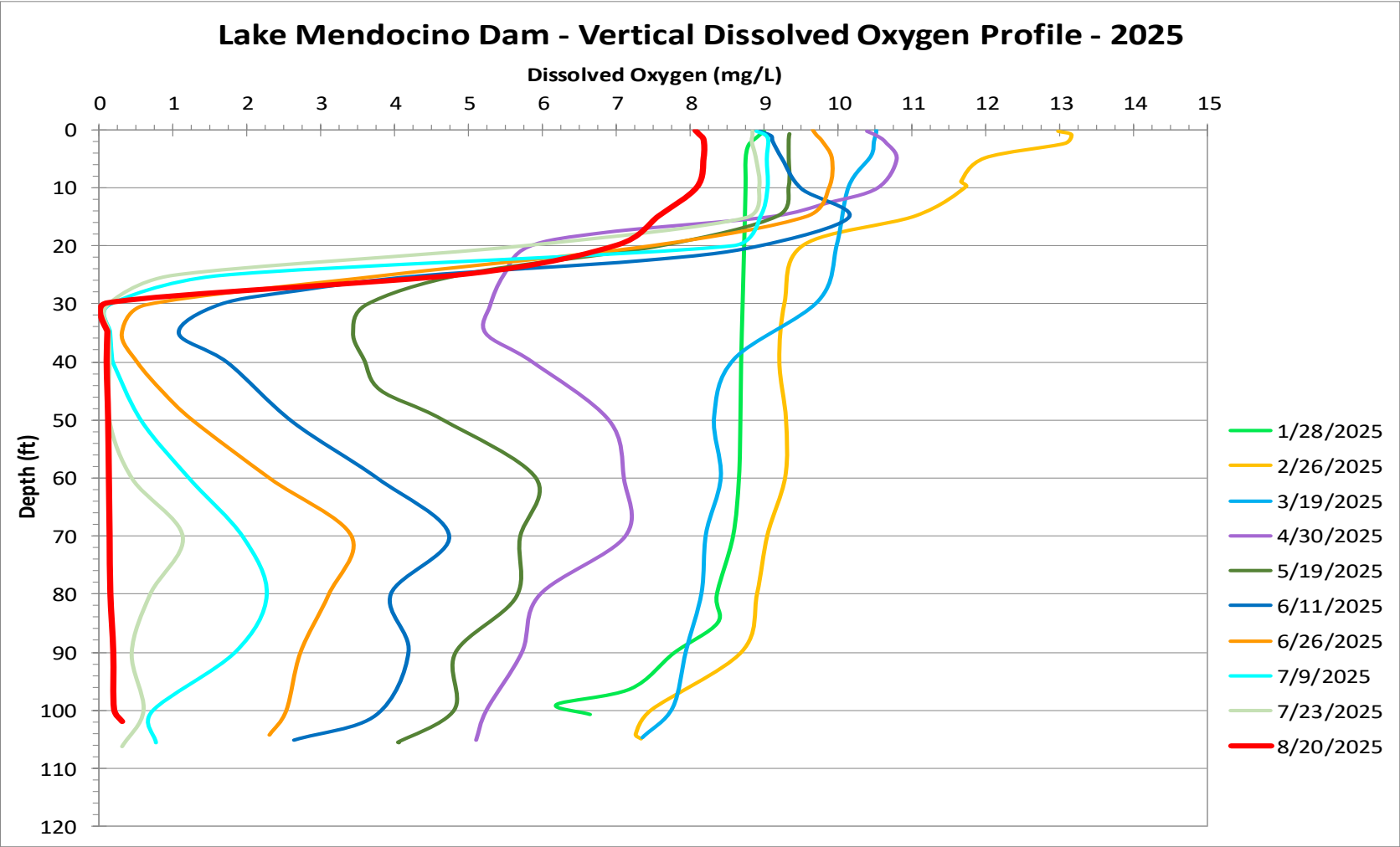
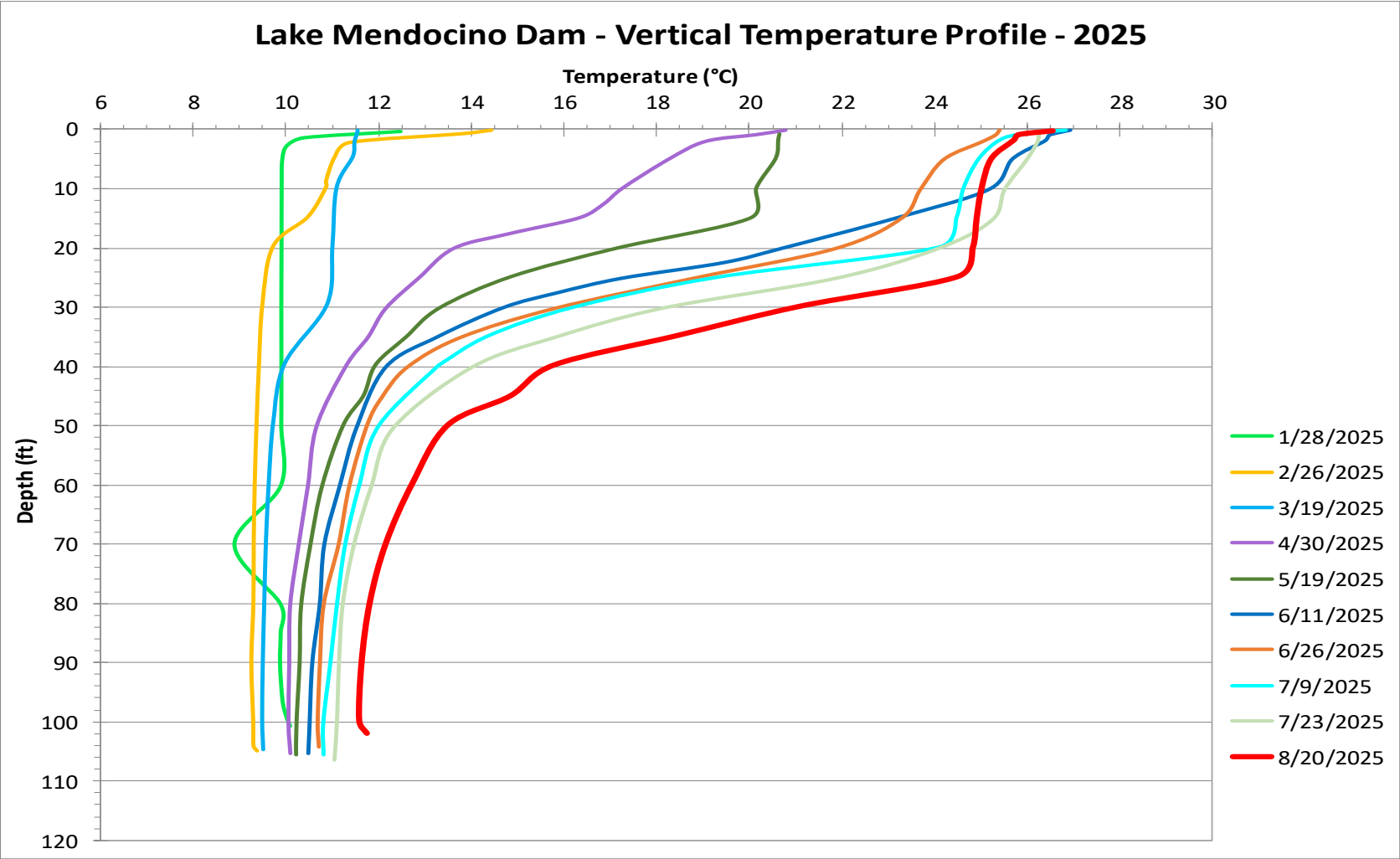
Potter Valley Project

PVP Diversion (cfs)	September 4, 2025	34
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2024 - September 4, 2025	612,222	1,806
	Last 7 days	147	21

*Inflow calculation based on criteria established in D1610

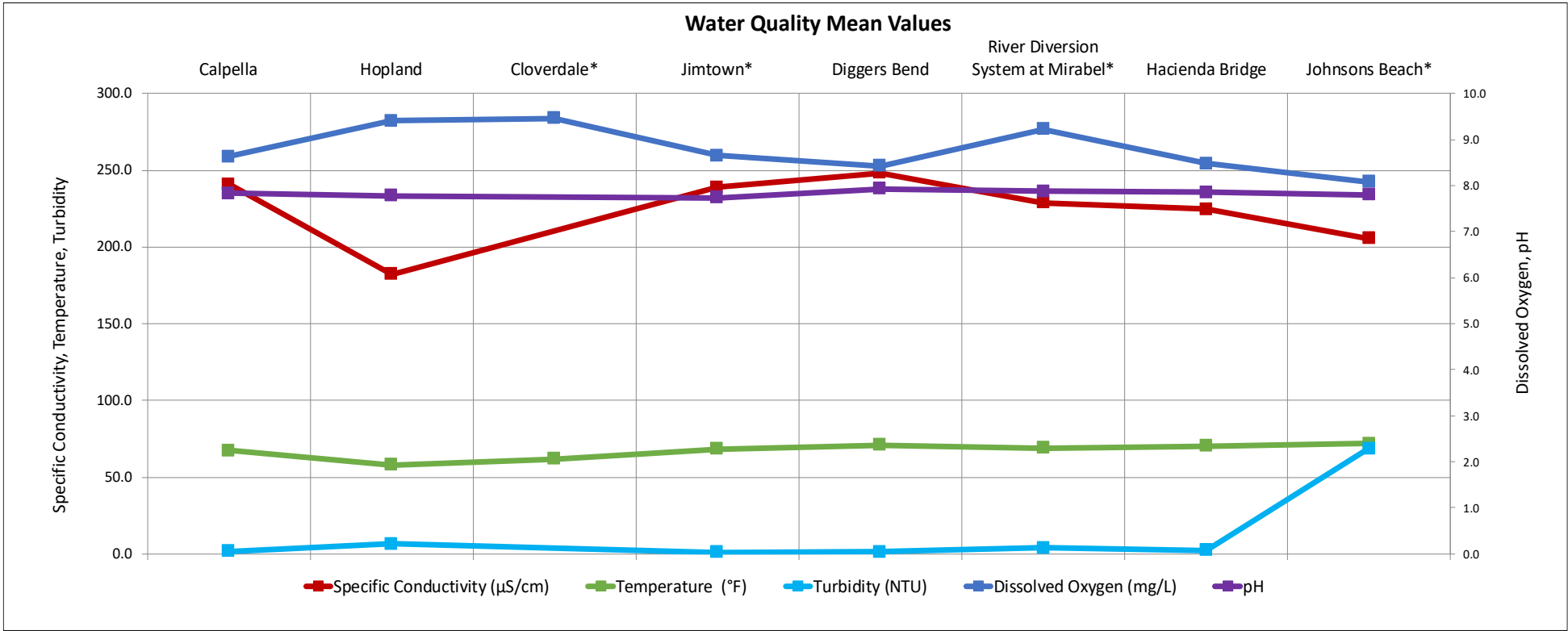




Russian River Flows (August 29, 2025 - September 4, 2025)

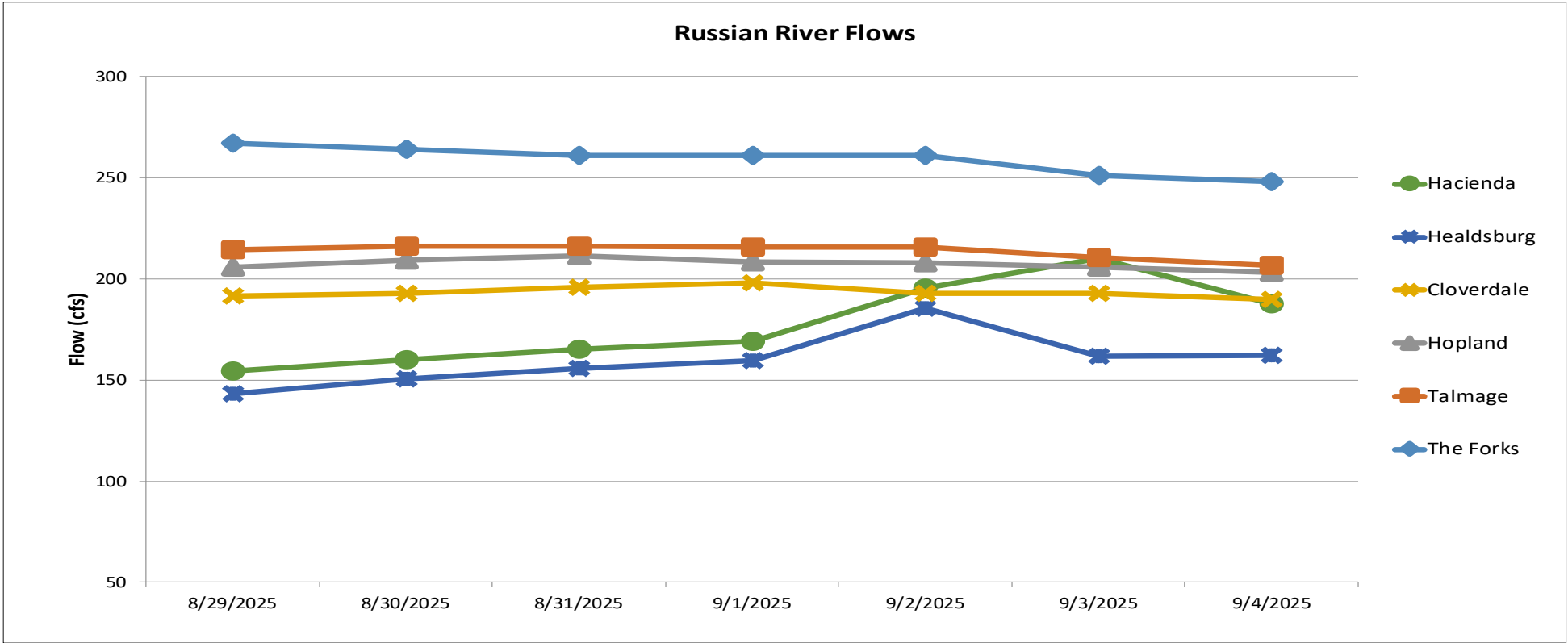
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	63.3	55.4	59.0	65.8	68.0	67.8	66.7	70.8
	Max	71.2	60.1	64.6	71.1	74.3	71.3	73.8	73.7
	Mean	67.5	58.0	61.7	68.4	71.0	69.1	70.2	72.0
Specific Conductivity (µS/cm)	Min	235.0	181.0		235.0	243.0	224.9	221.0	111.9
	Max	247.0	184.0		250.0	258.0	242.4	235.0	222.6
	Mean	240.9	182.3		238.9	248.4	228.8	224.8	205.7
Dissolved Oxygen (mg/L)	Min	8.1	8.8	8.8	7.0	7.3	8.1	6.9	6.6
	Max	9.4	10.1	10.5	11.2	10.2	9.8	9.6	9.0
	Mean	8.6	9.4	9.5	8.7	8.4	9.2	8.5	8.1
Dissolved Oxygen (% Saturation)	Min	88.0	86.7	88.0	75.4	80.8	89.3	75.7	75.8
	Max	105.2	100.0	110.4	126.8	119.1	108.4	110.2	104.7
	Mean	94.4	92.3	97.0	95.8	96.0	102.7	95.7	92.8
pH	Min	7.7	7.7		7.4	7.7	7.7	7.5	7.5
	Max	8.0	7.9		8.2	8.3	8.1	8.1	8.0
	Mean	7.8	7.8		7.7	7.9	7.9	7.9	7.8
Turbidity (NTU)	Min	1.0	4.8		0.2	0.6	0.7	1.2	1.49
	Max	2.3	8.4		1.8	2.4	113.5	3.5	1350.4
	Mean	1.5	6.4		0.9	1.4	3.8	2.3	68.8

*Station operated seasonally



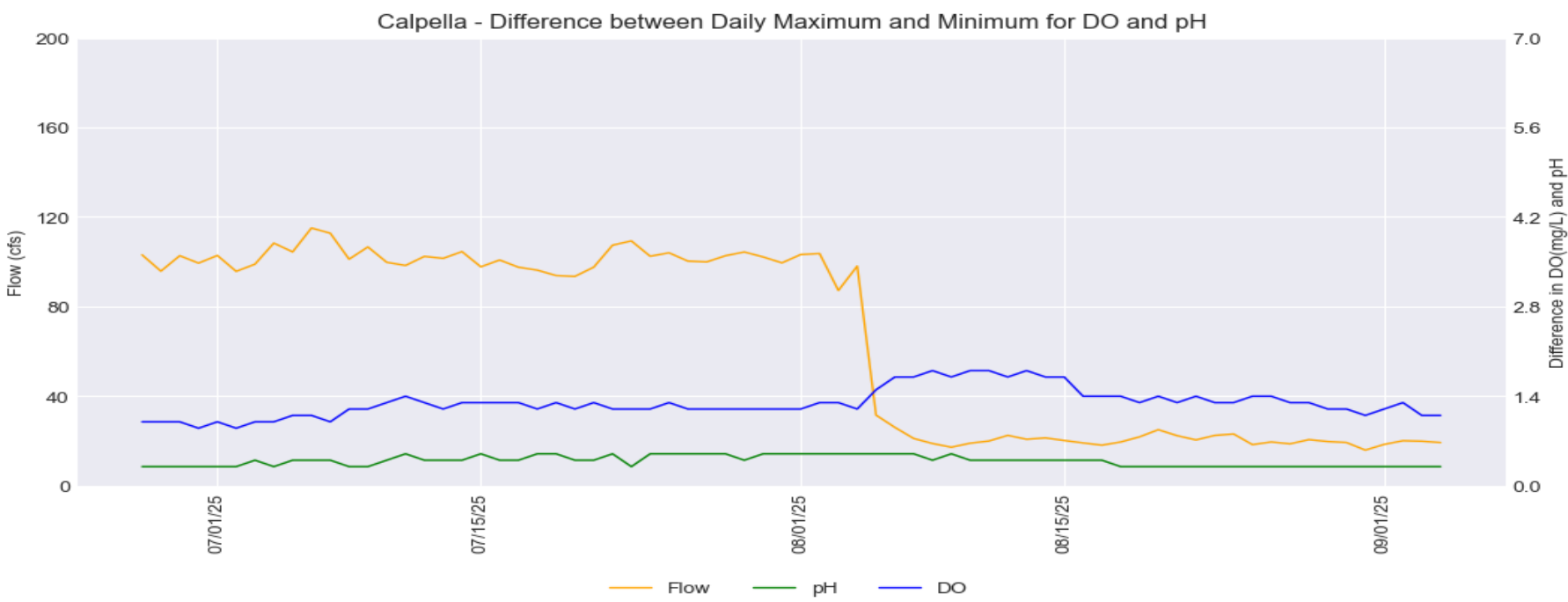
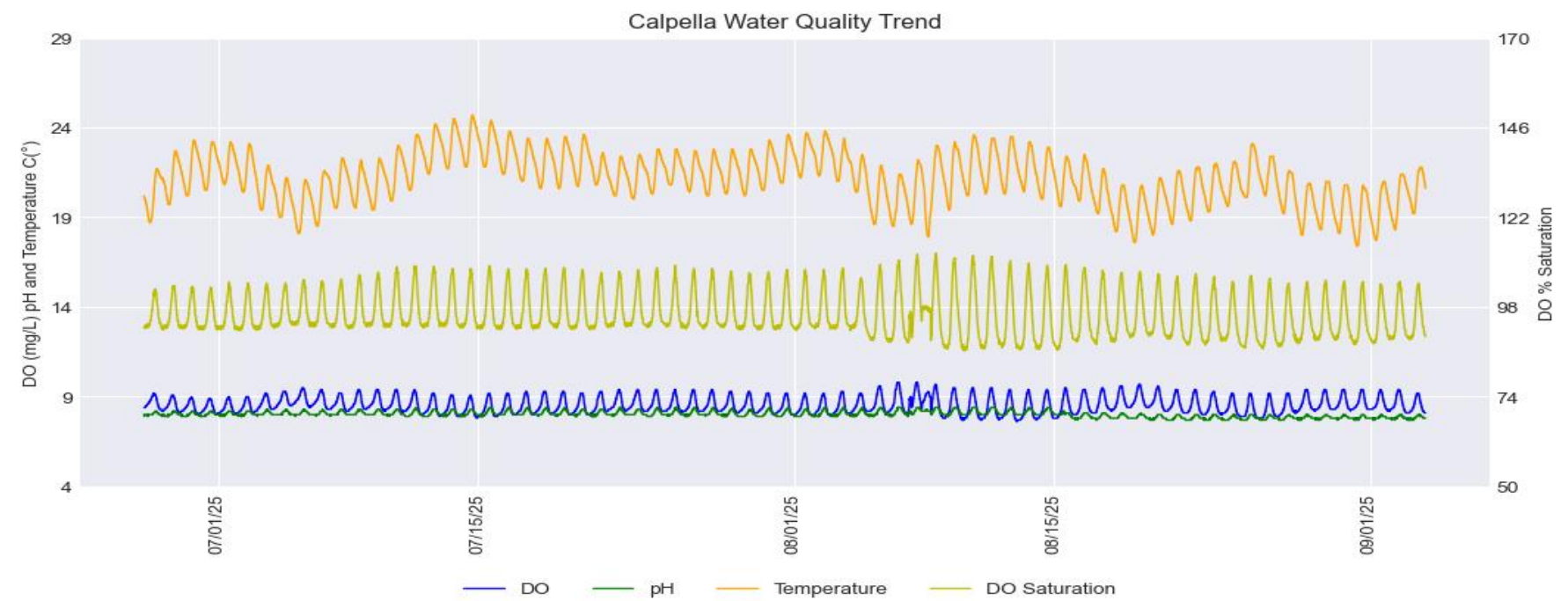
Gage	24-hr Average Flow (cfs)						
	Aug 29, 2025	Aug 30, 2025	Aug 31, 2025	Sep 1, 2025	Sep 2, 2025	Sep 3, 2025	Sep 4, 2025
The Forks*	267	264	261	261	261	251	248
Talmage USGS 11462080	215	216	216	216	216	210	207
Hopland USGS 11462500	206	209	211	208	208	206	203
Cloverdale USGS 11463000	191	193	196	198	193	193	190
Healdsburg USGS 11464000	143	151	156	160	186	162	162
Hacienda USGS 11467000	155	160	165	169	196	210	188

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

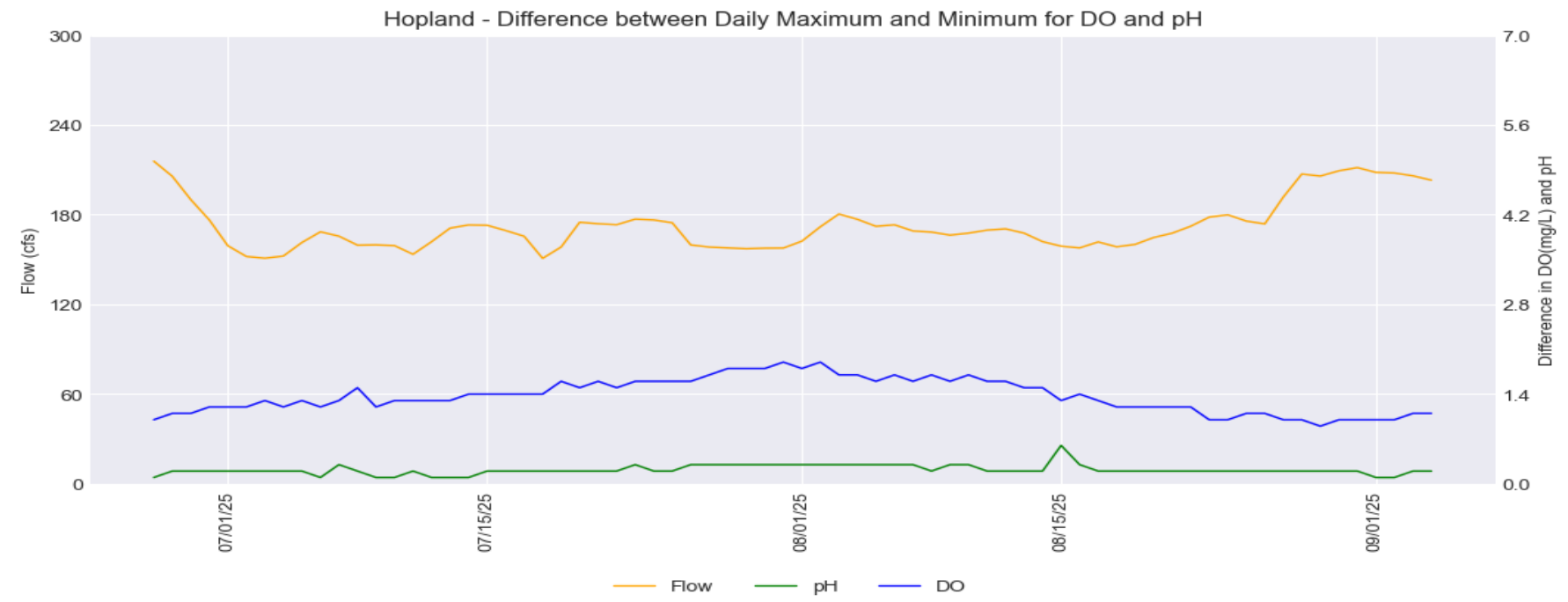
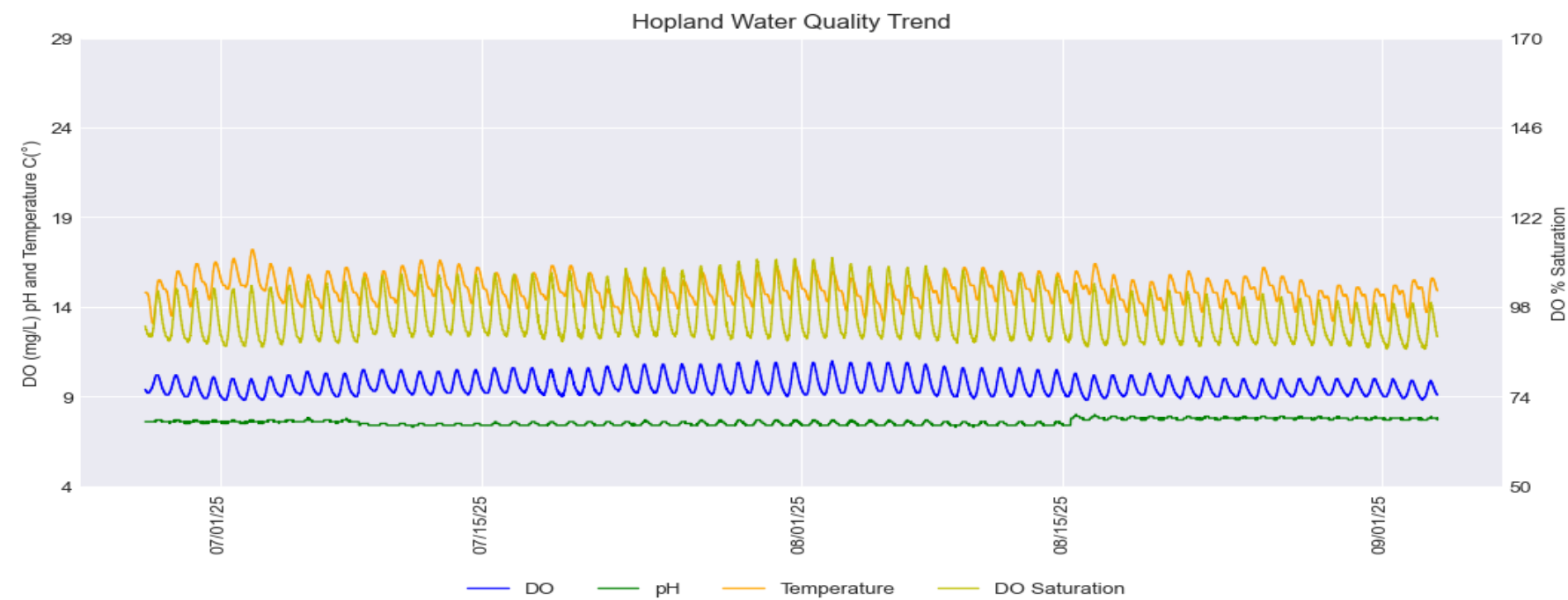


Russian River Water Quality June 27, 2025 – September 4, 2025
Provisional Data Subject to Revision

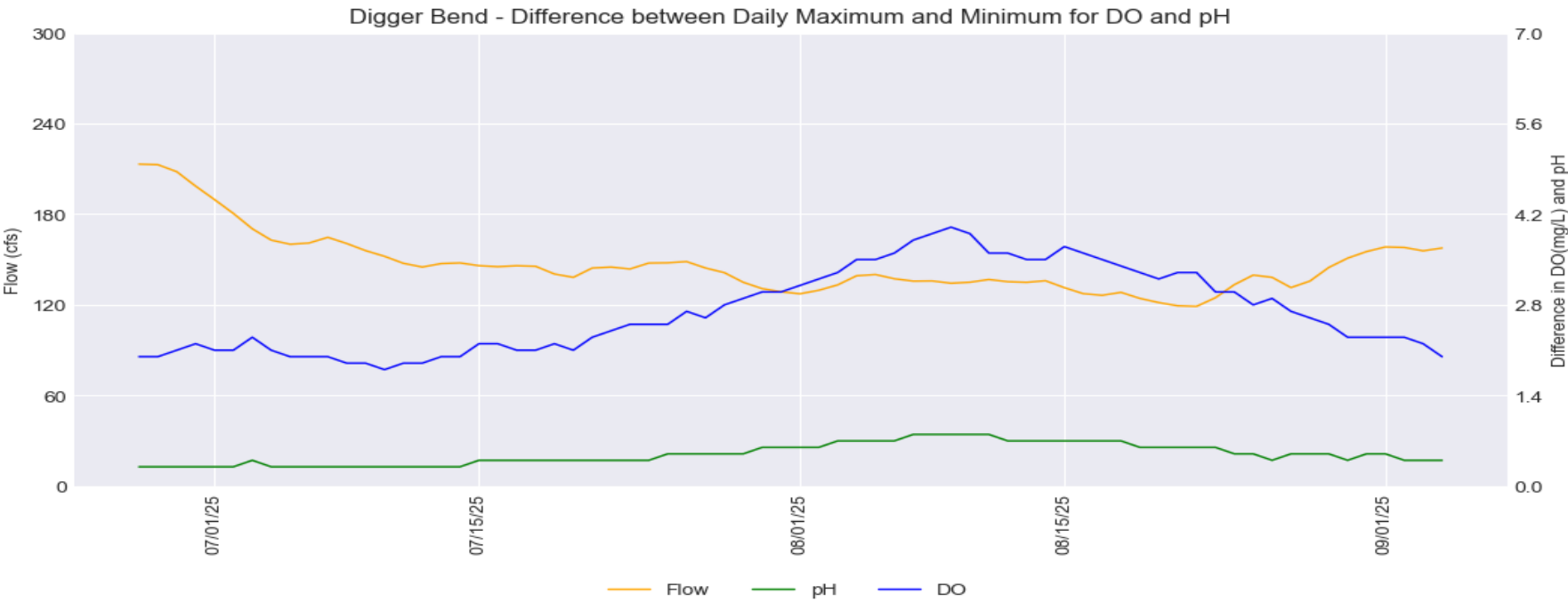
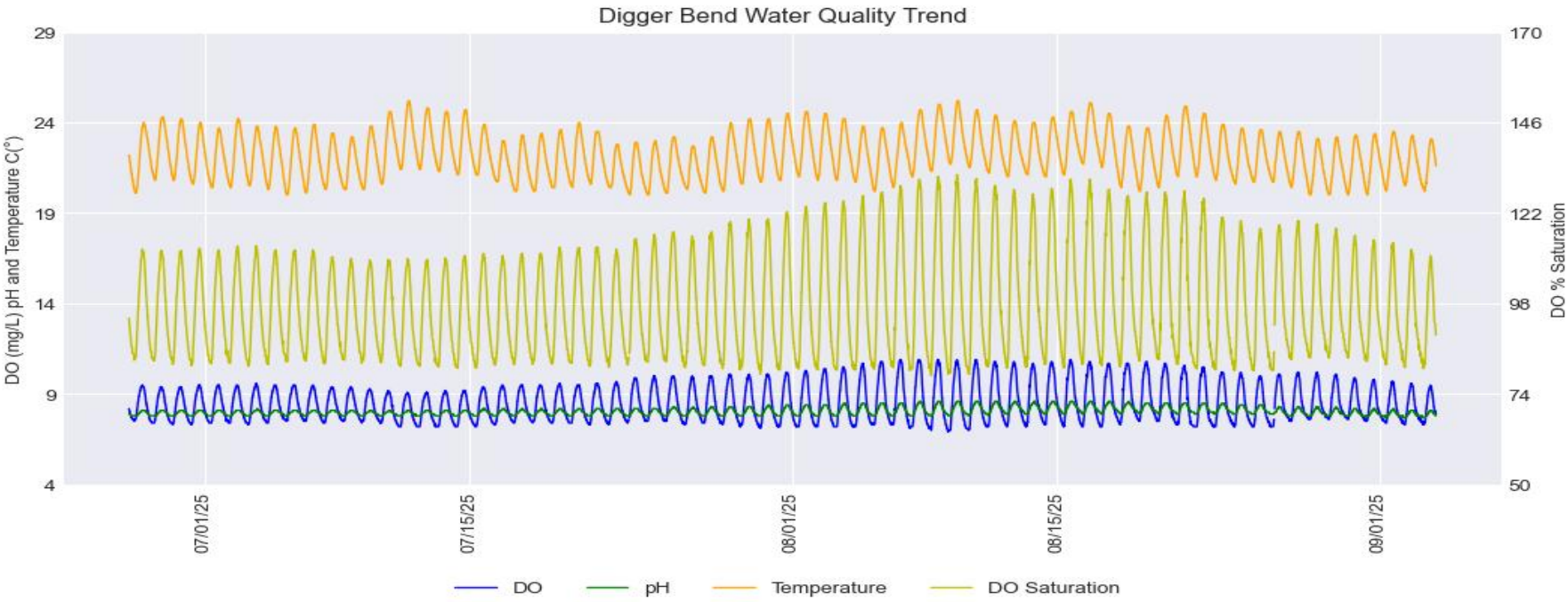
Calpella



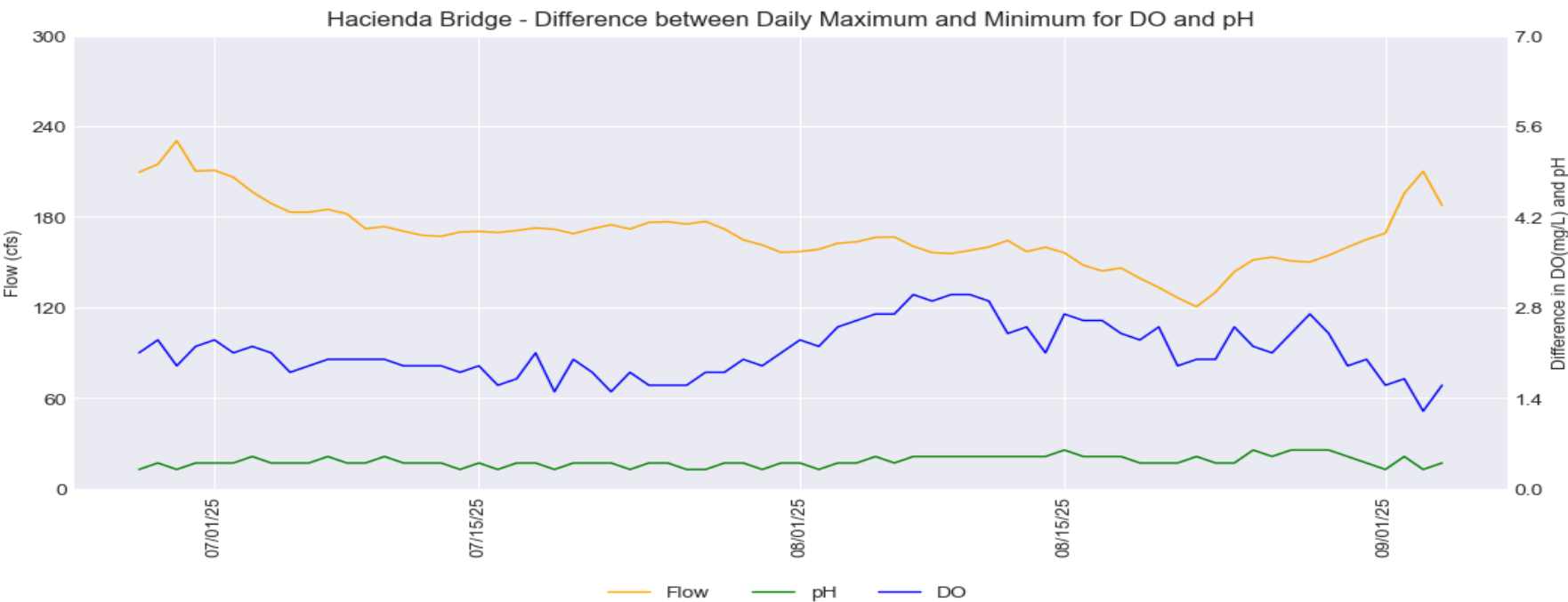
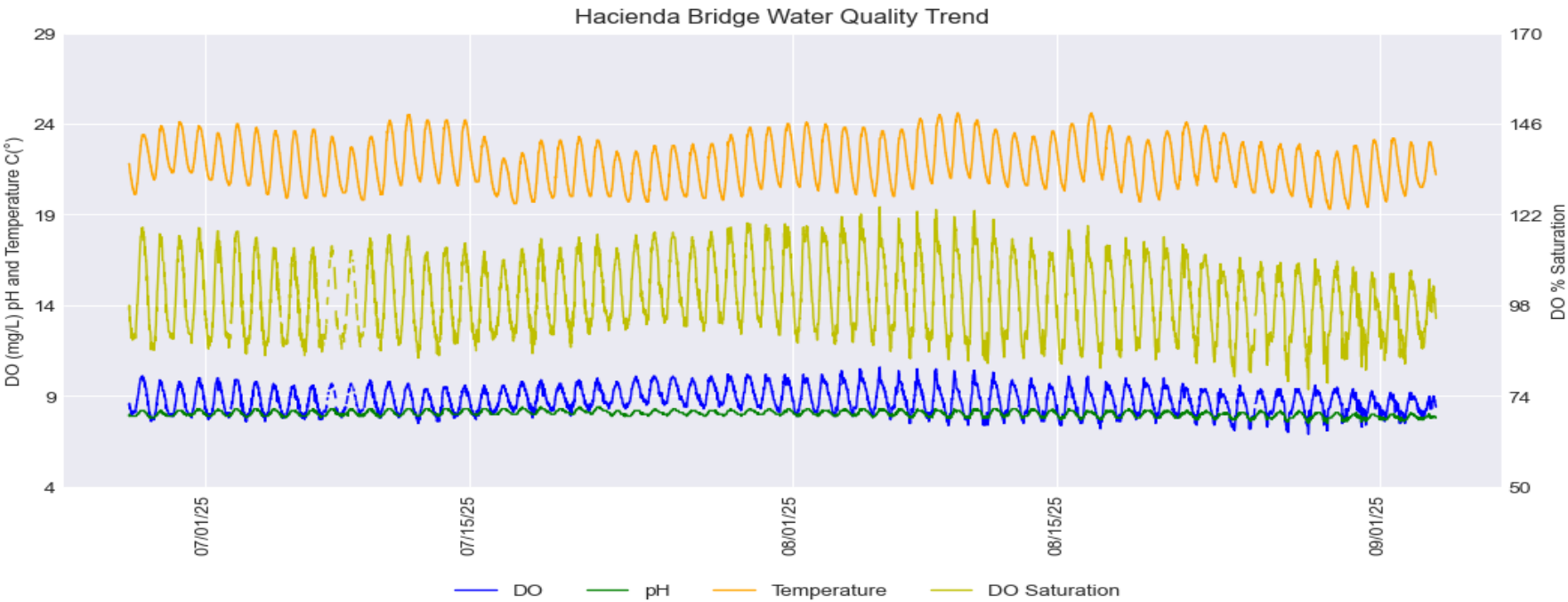
Hopland



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Digger Bend

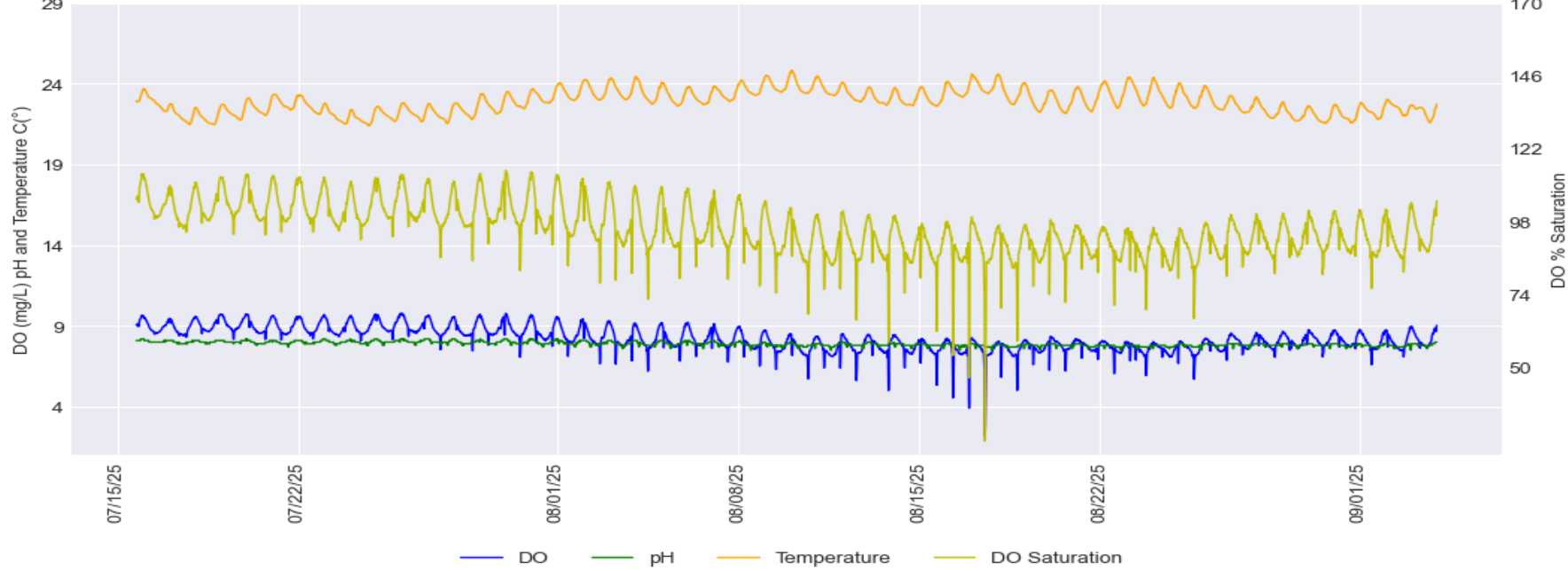


Hacienda Bridge

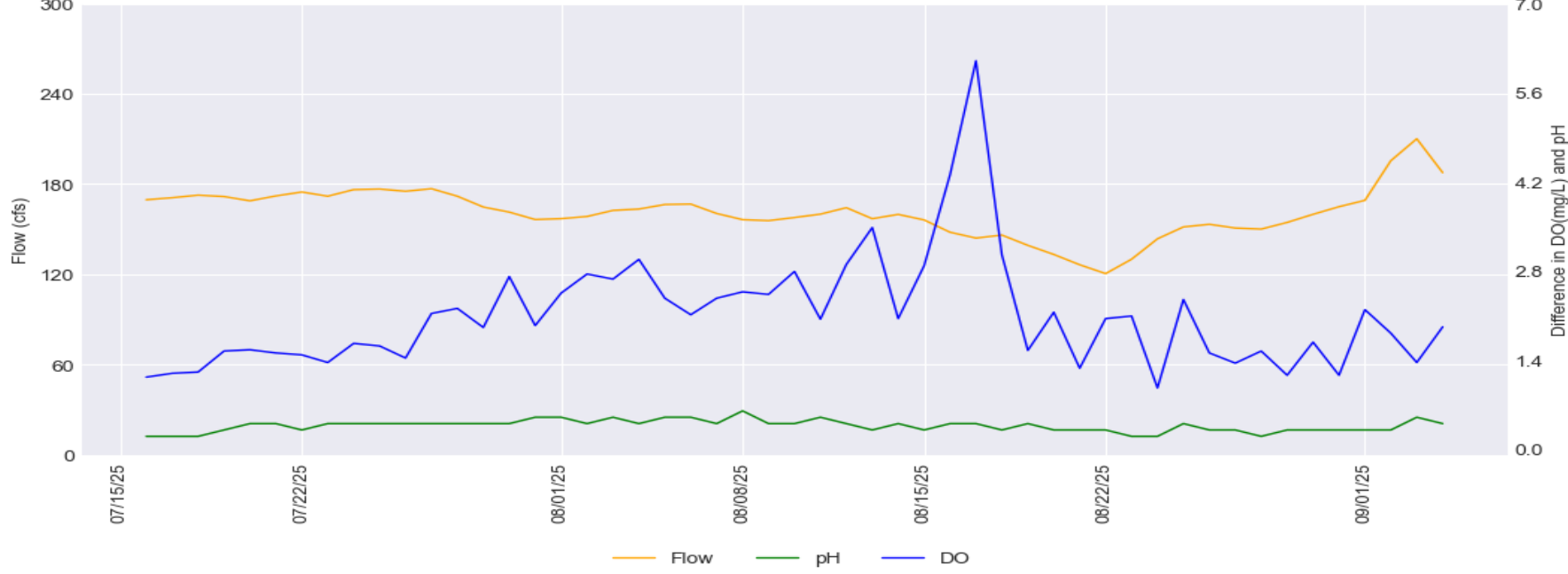


Russian River Water Quality June 27, 2025 – September 4, 2025
Provisional Data Subject to Revision
Johnsons Beach

Johnsons Beach Water Quality Trend

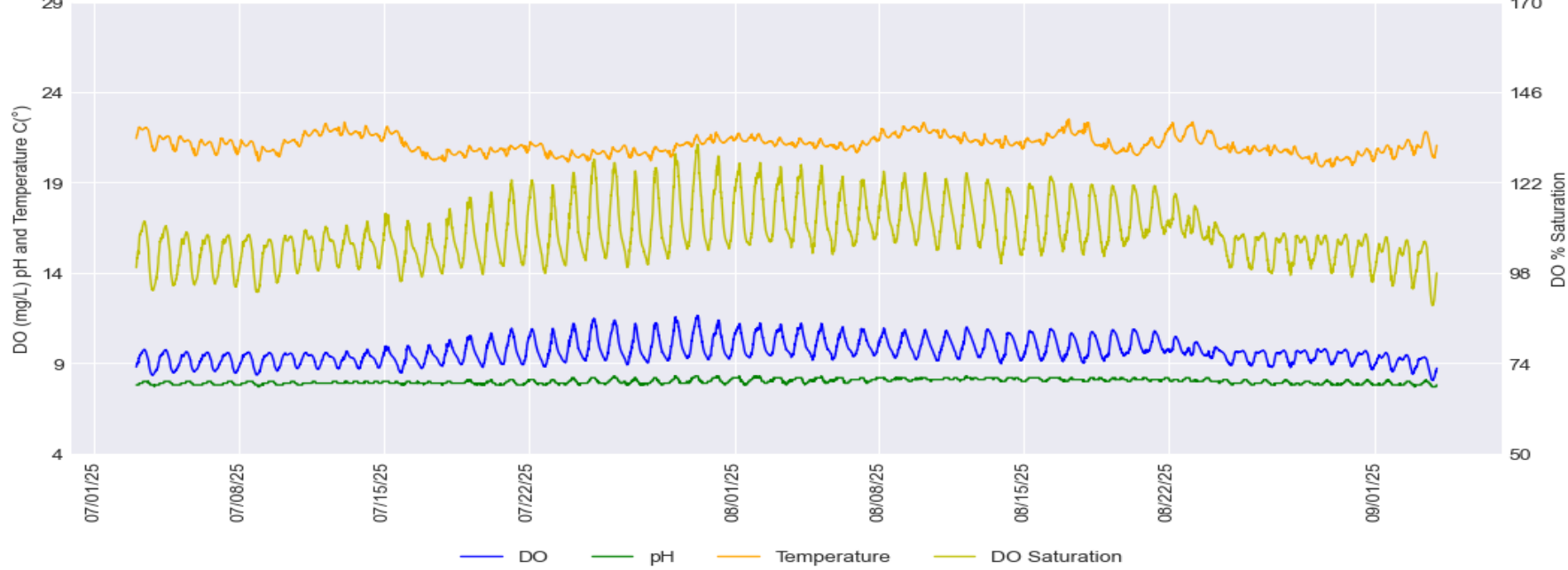


Johnsons Beach - Difference between Daily Maximum and Minimum for DO and pH

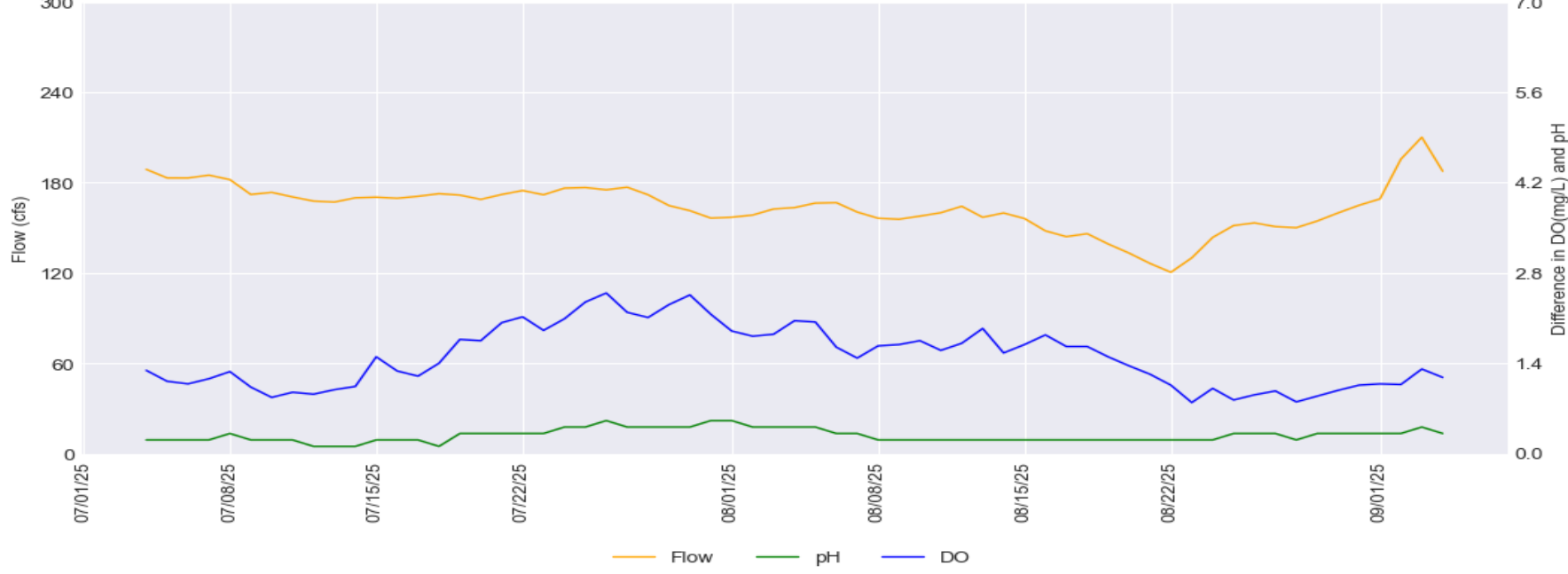


River Diversion System at Mirabel

River Diversion System Water Quality Trend

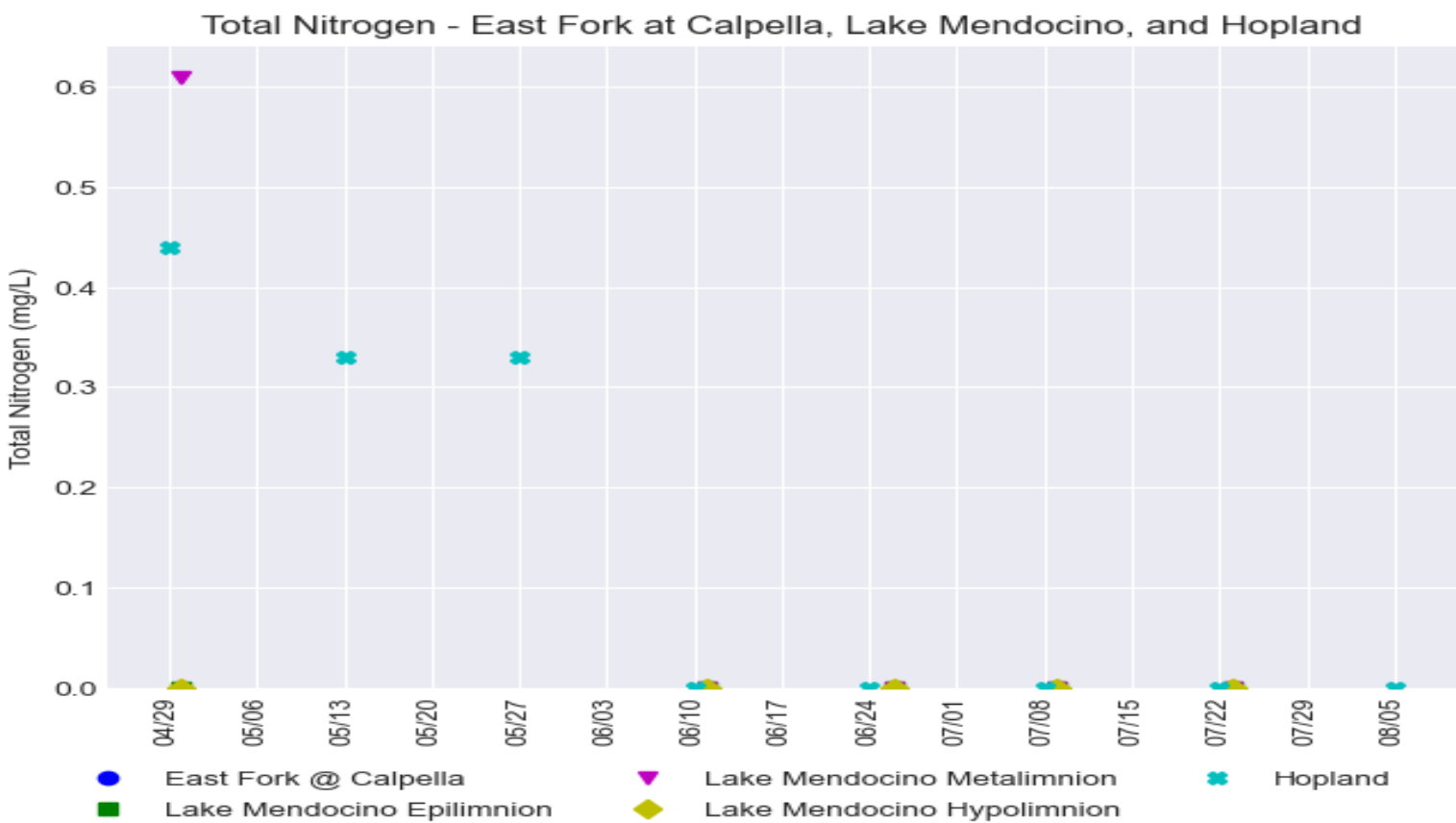
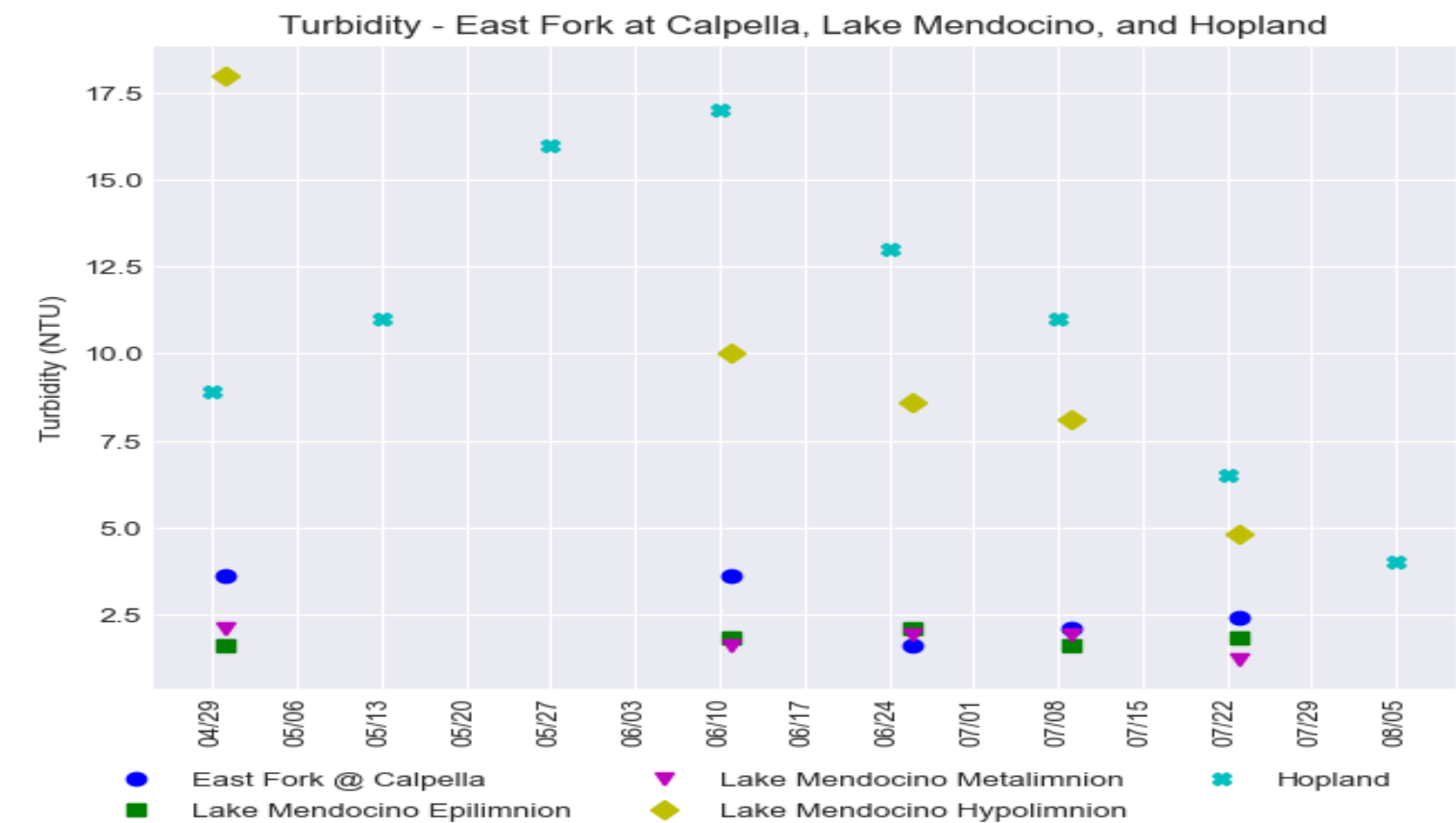
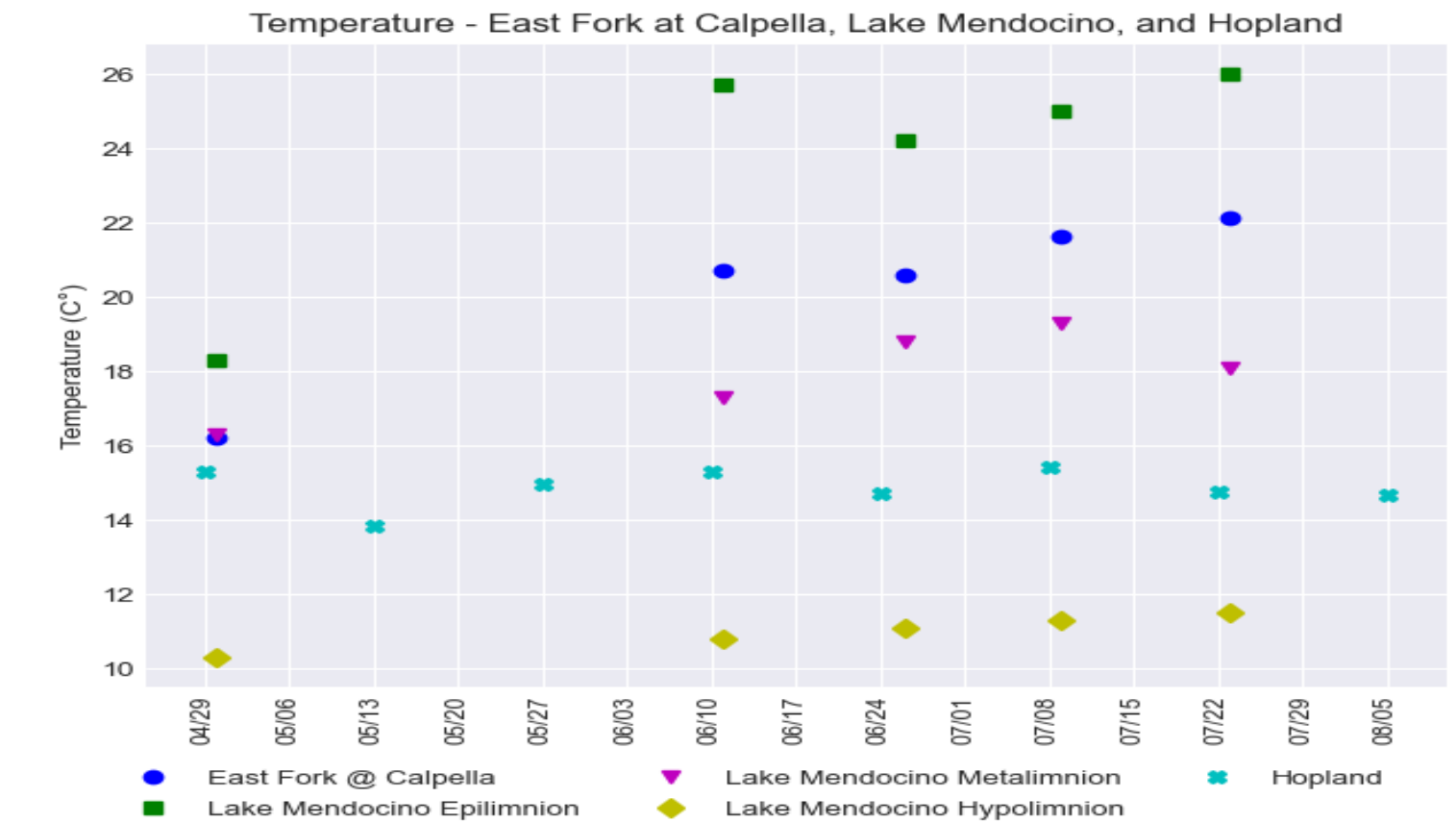


River Diversion System - Difference between Daily Maximum and Minimum for DO and pH



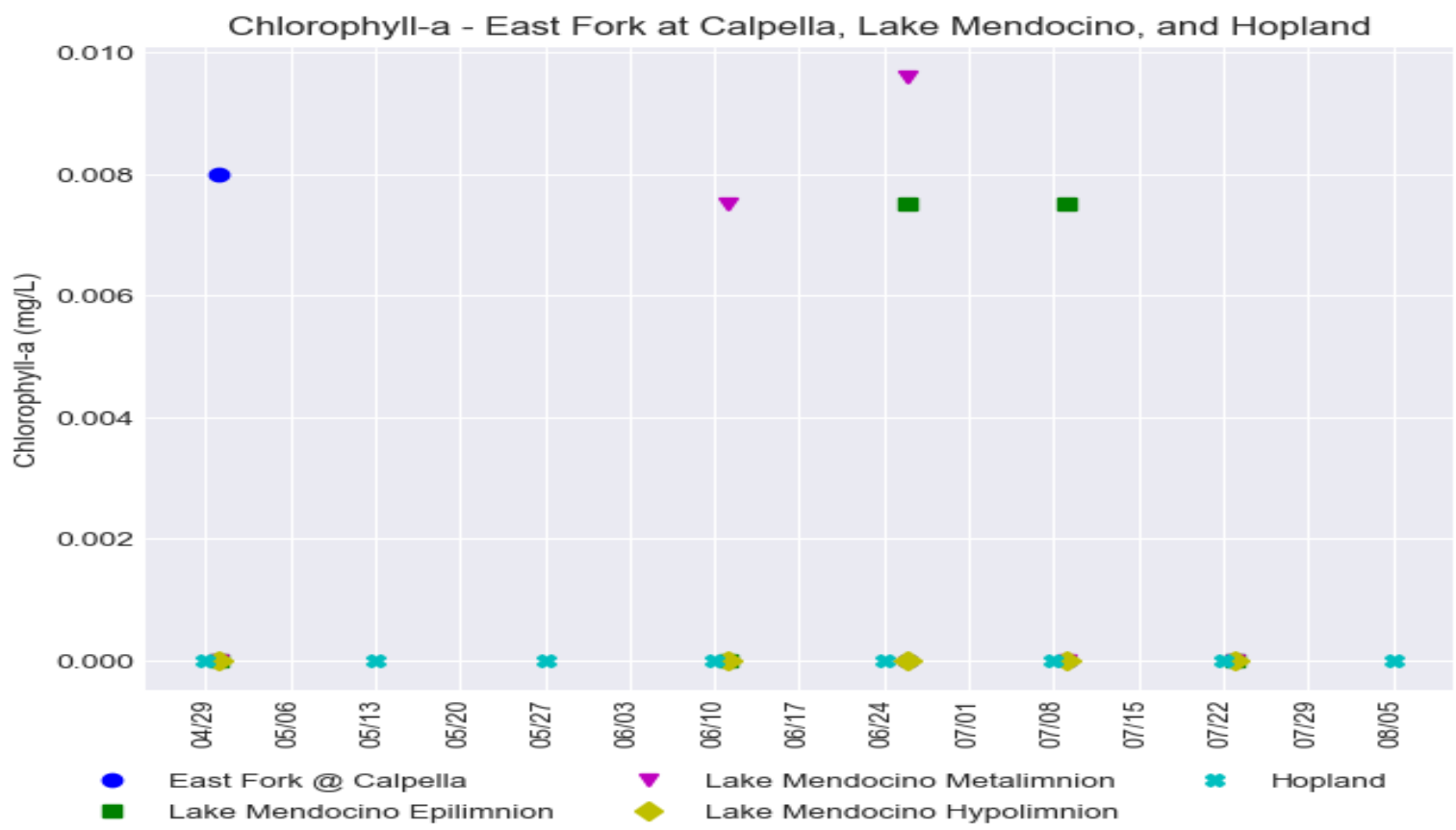
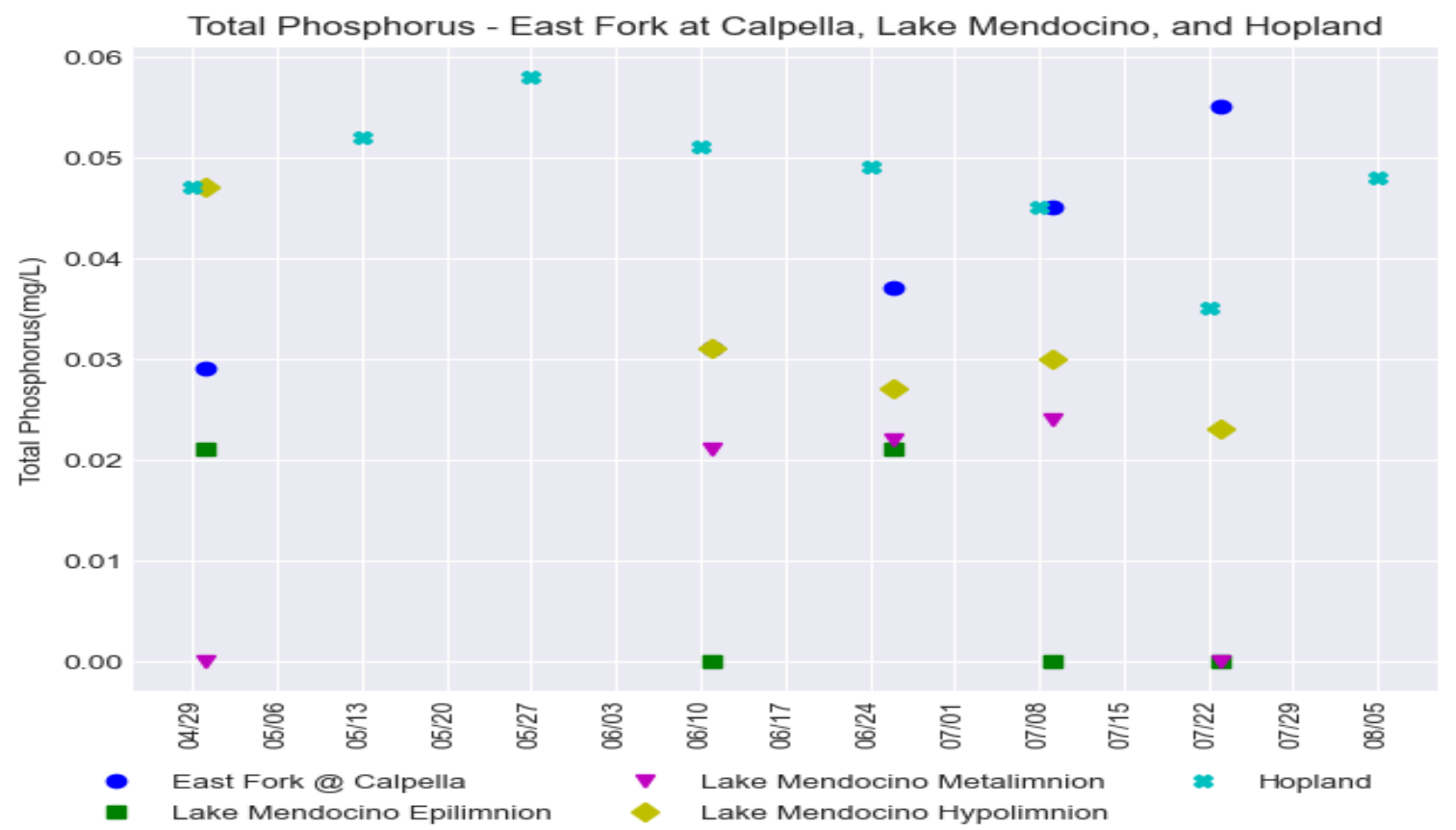
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



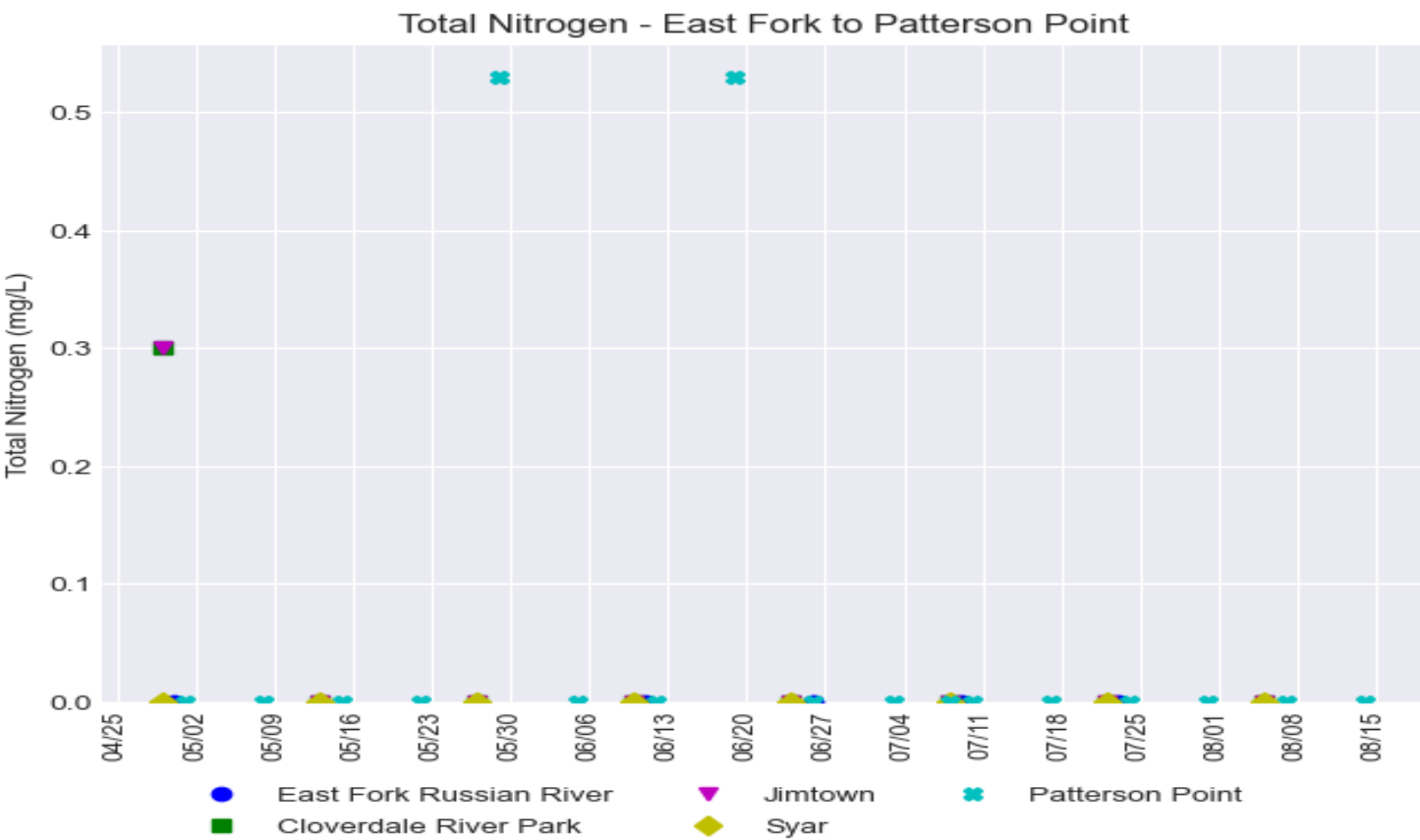
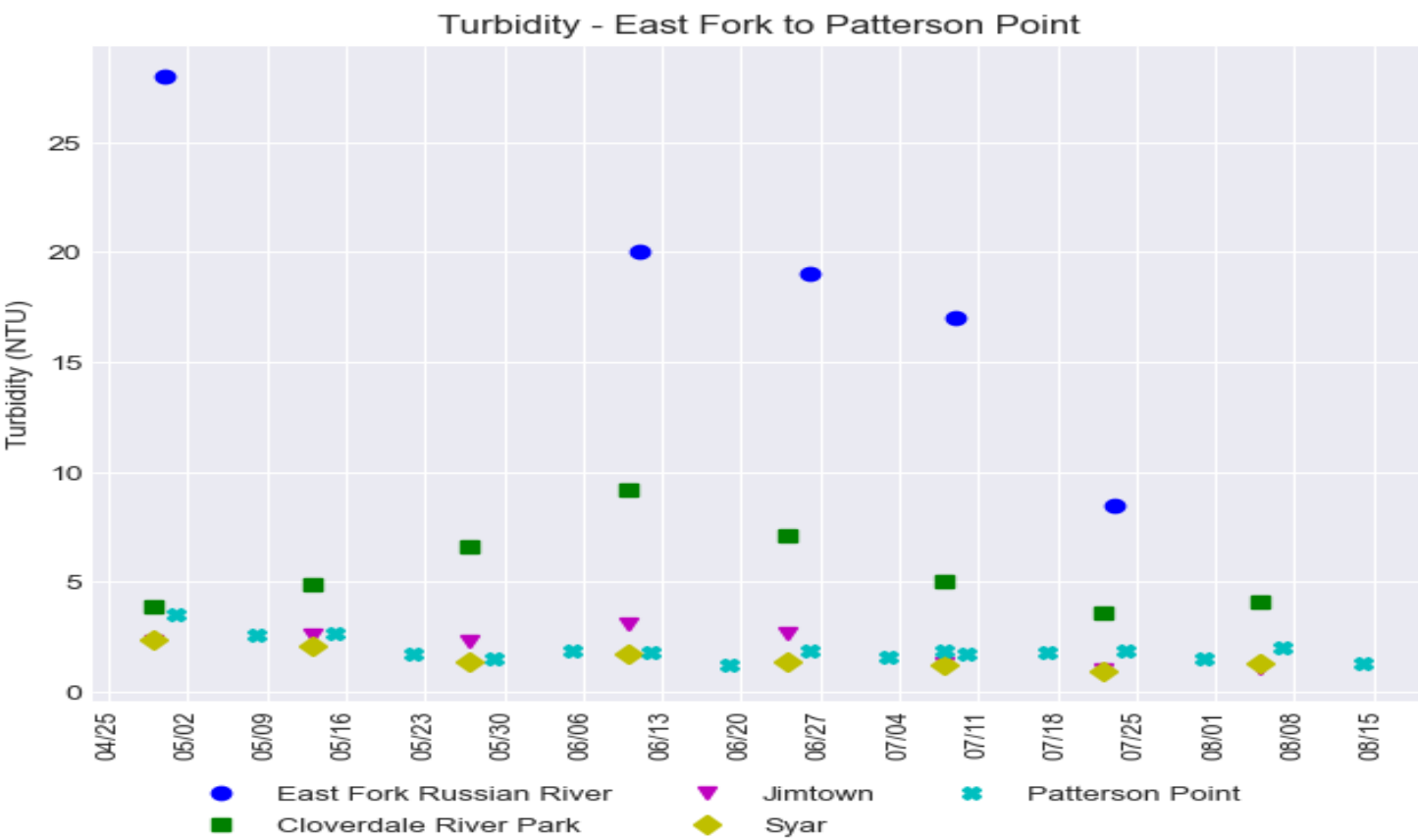
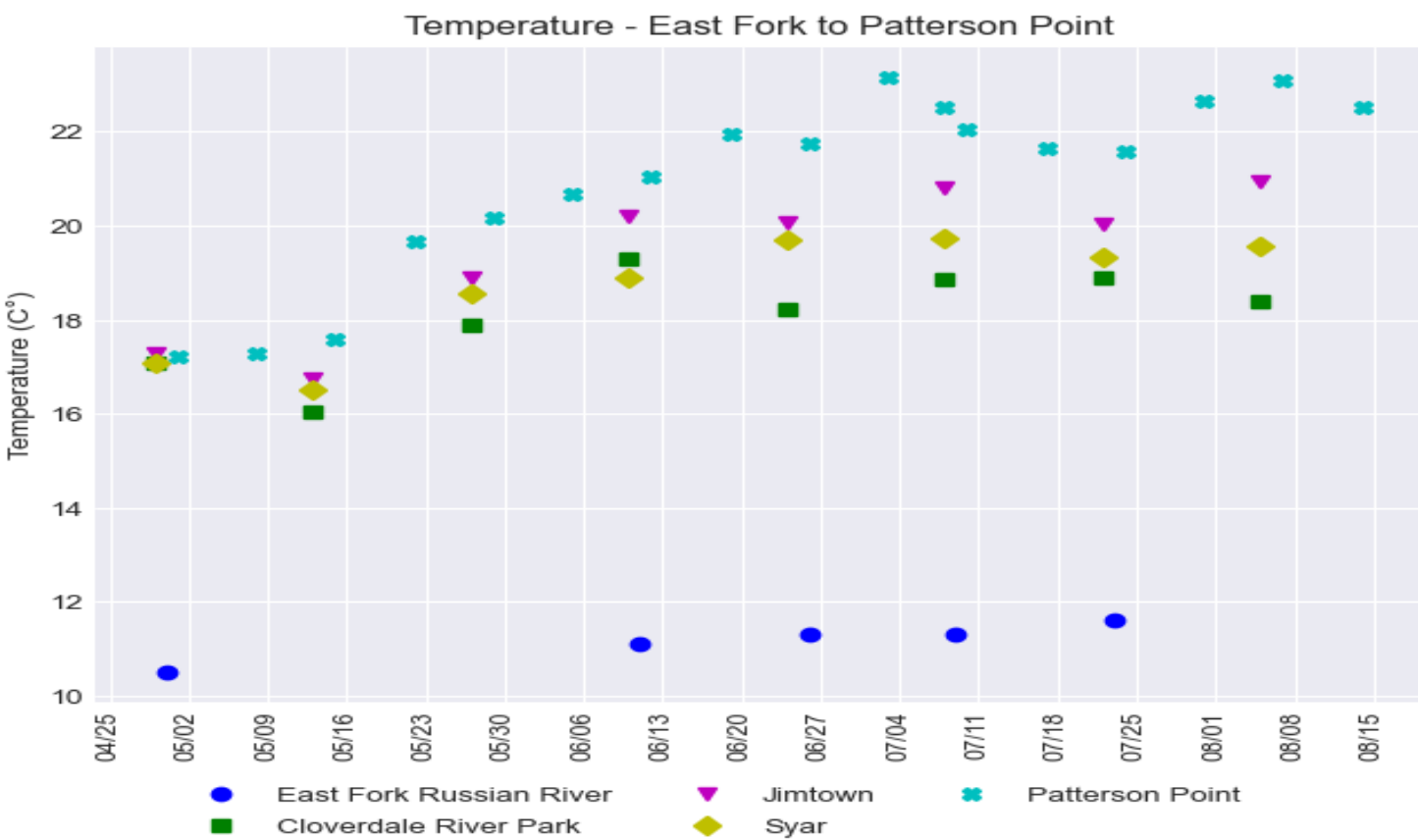
Russian River Water Quality Grab Samples

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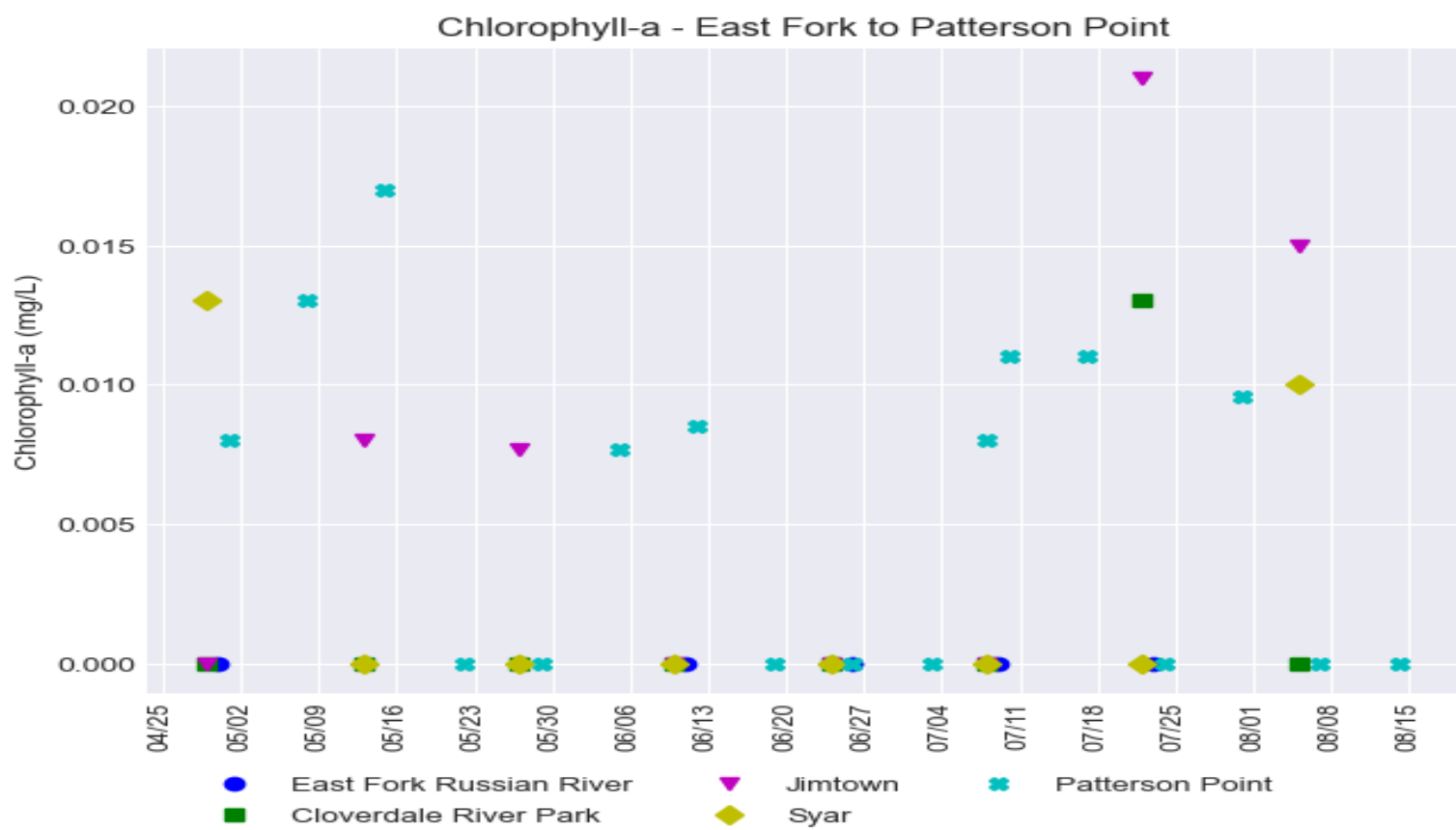
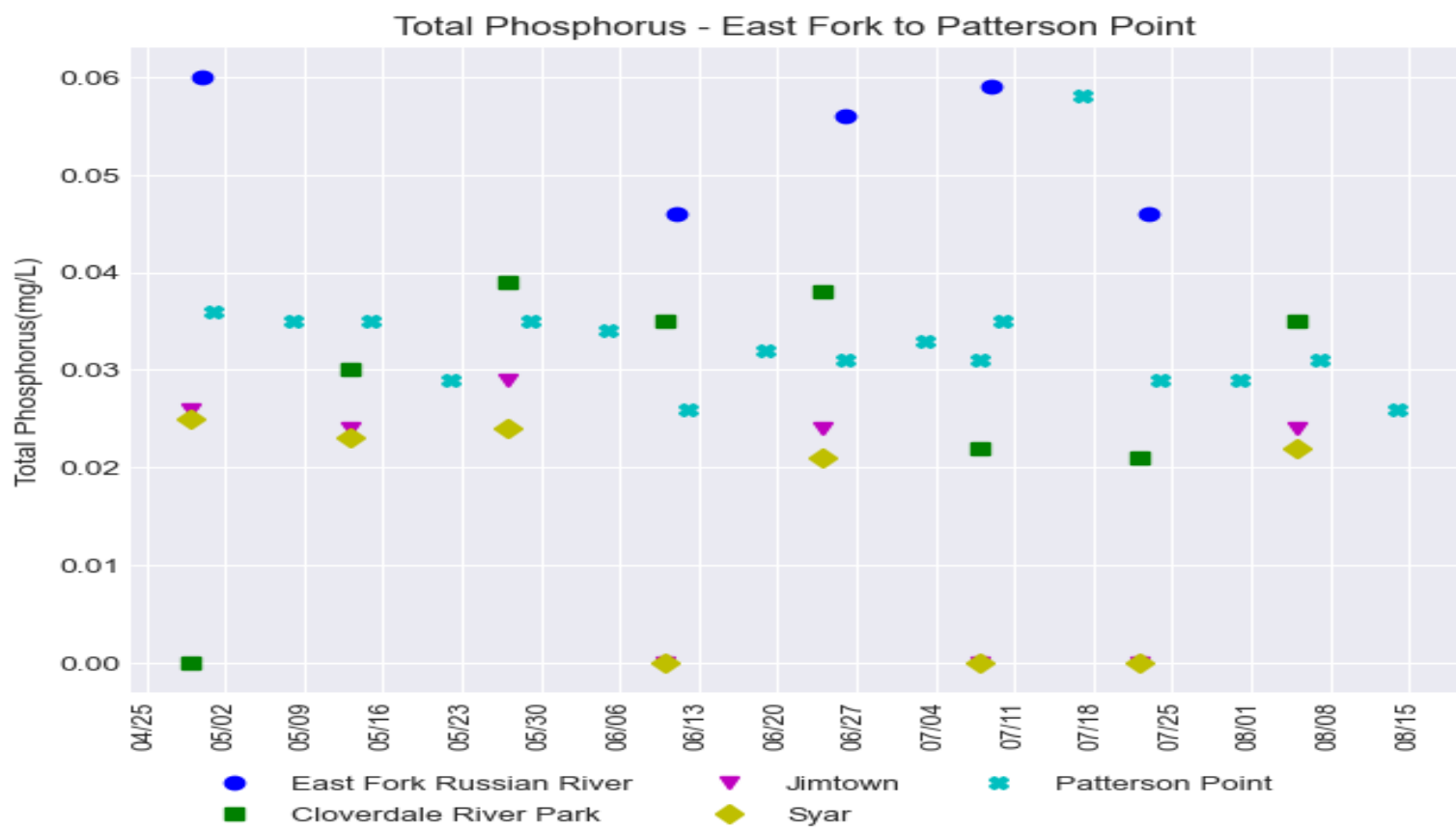
Russian River Water Quality Grab Samples

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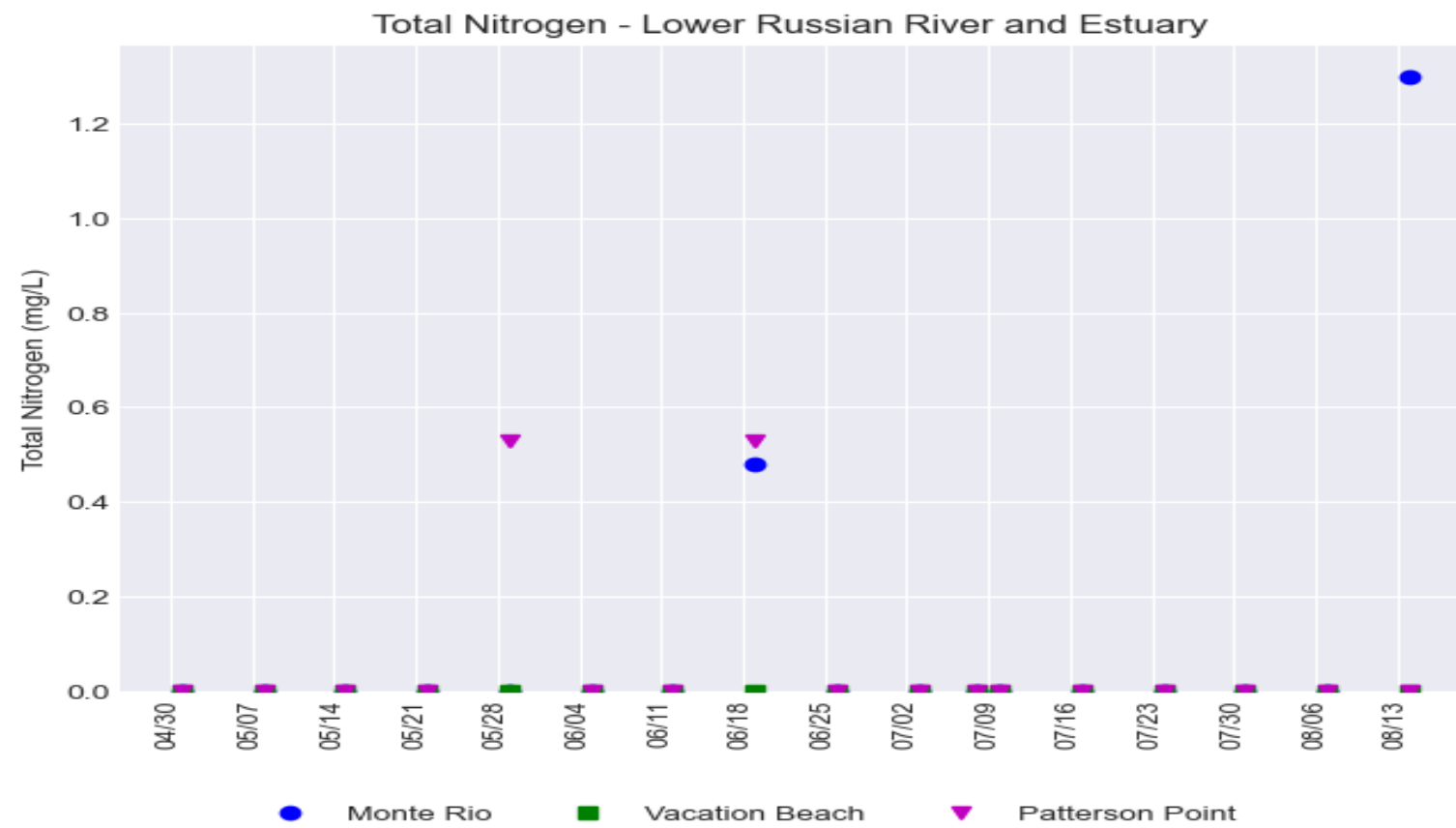
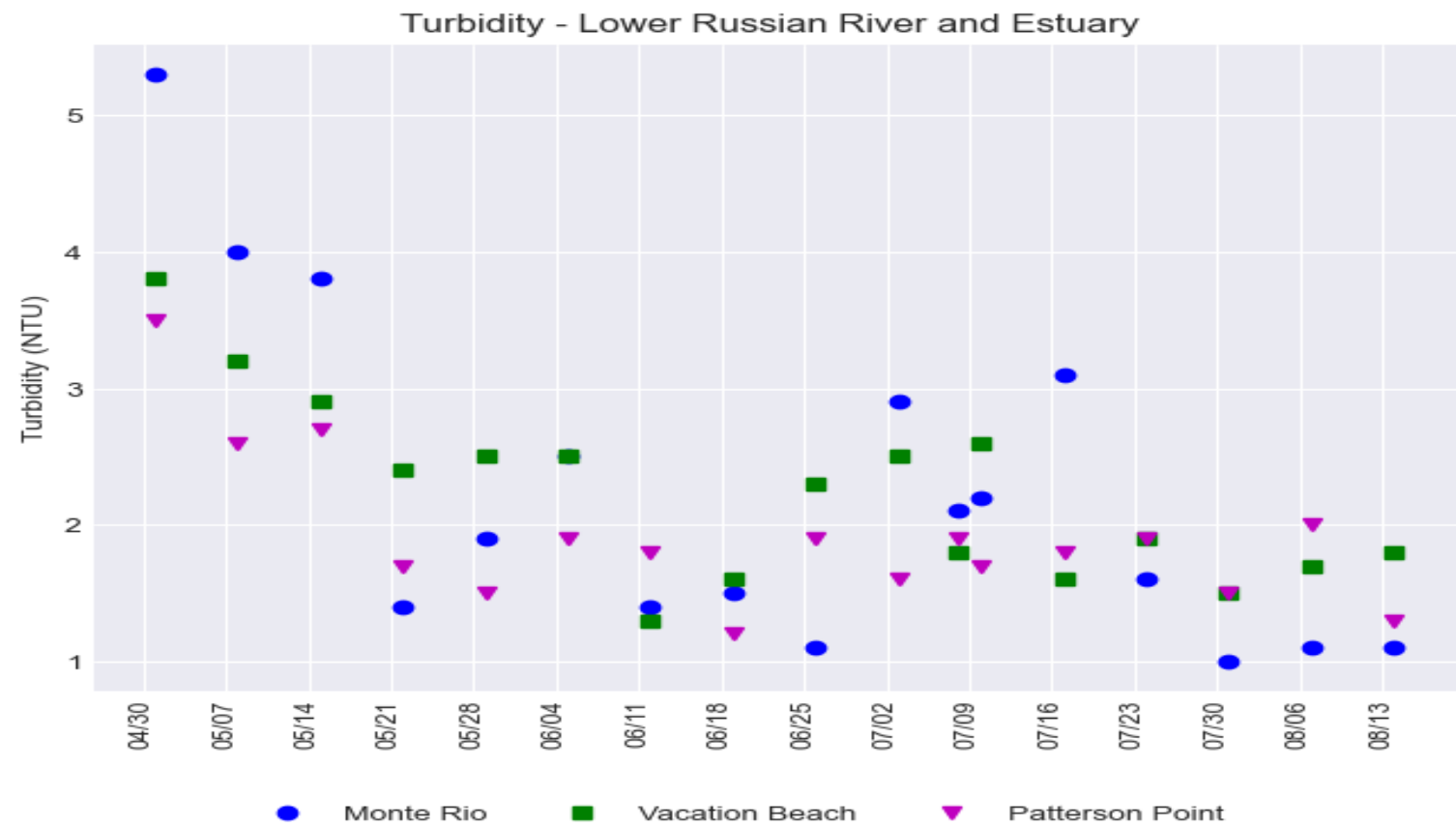
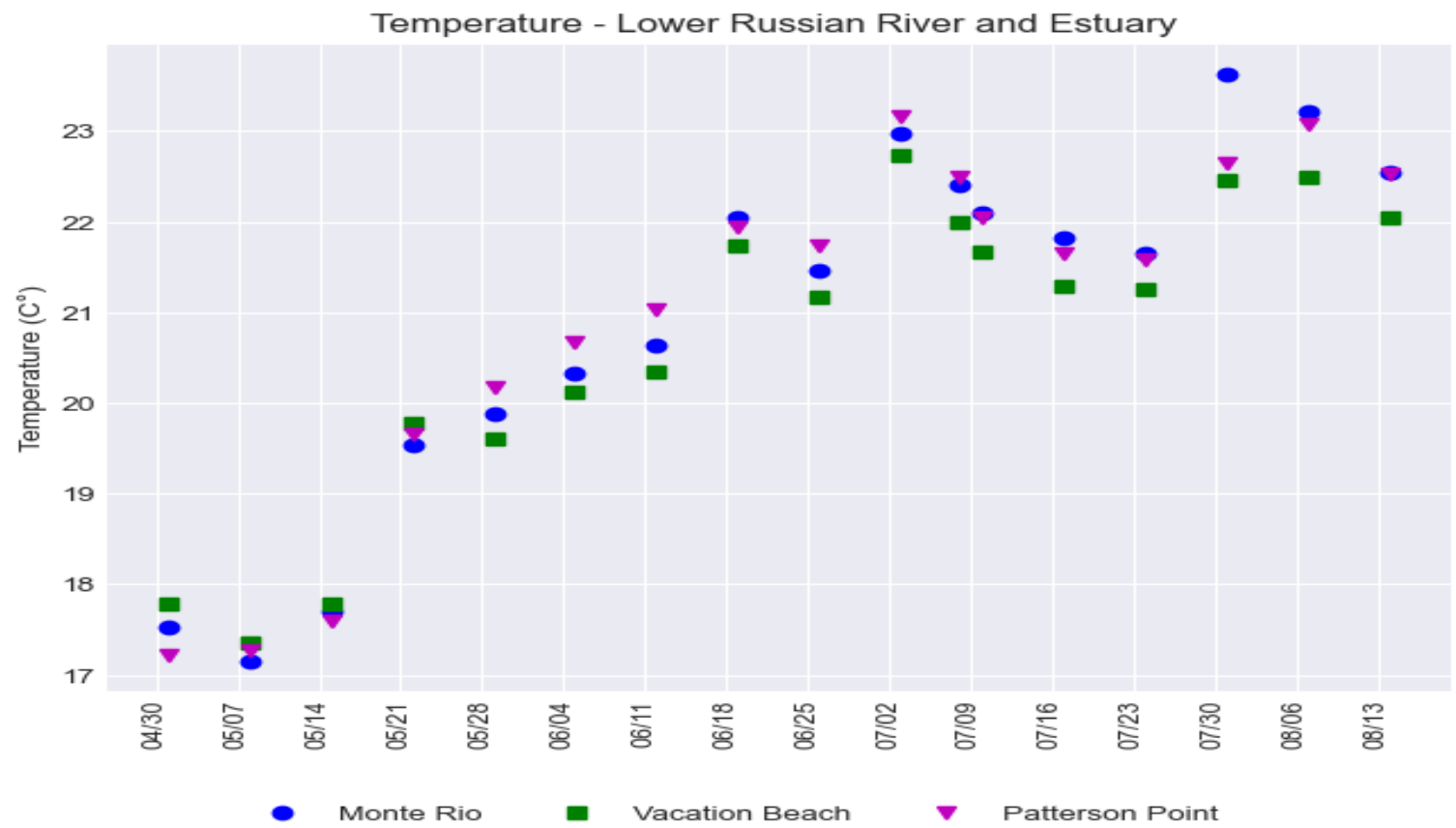


Russian River Water Quality Grab Samples

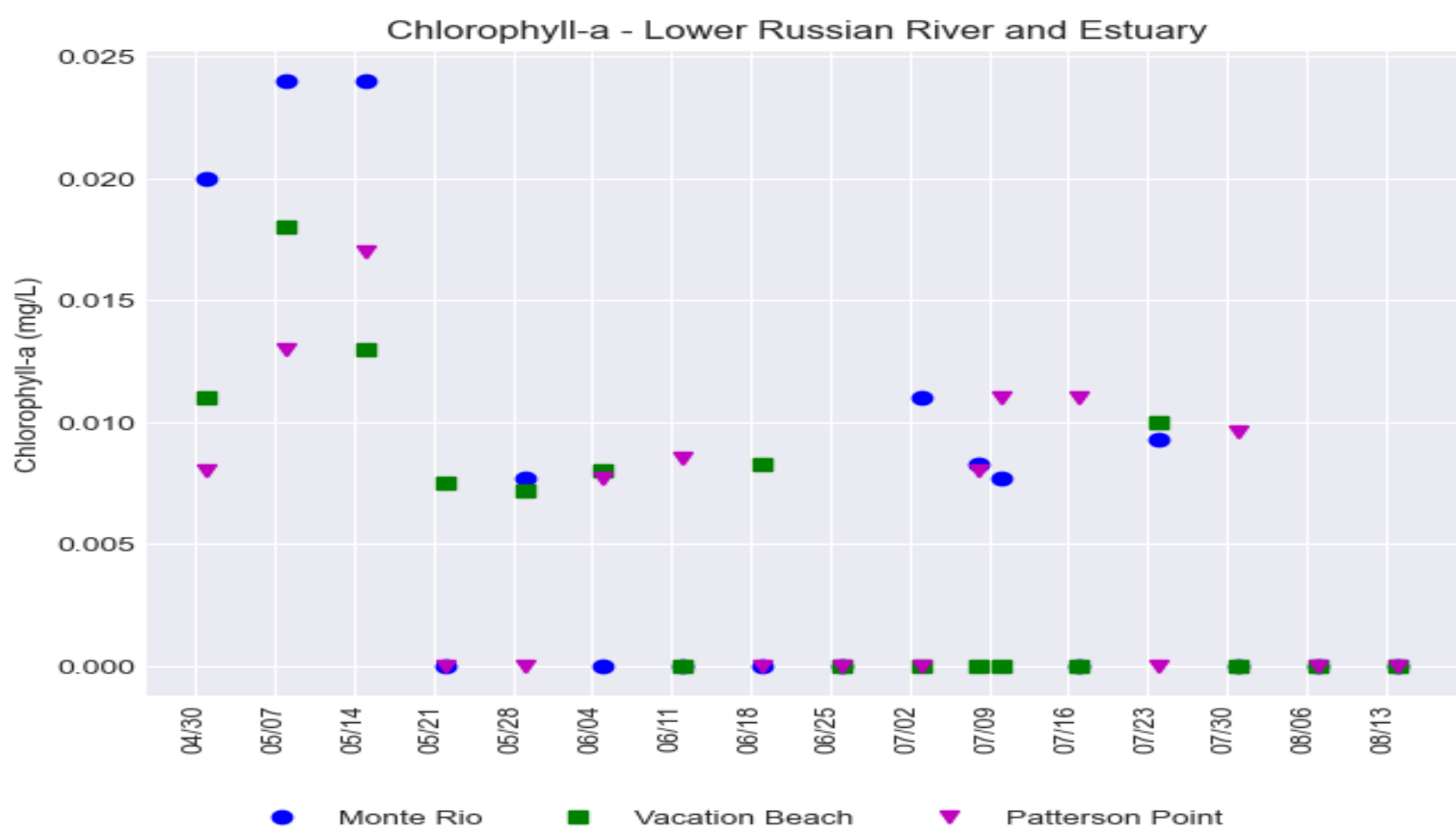
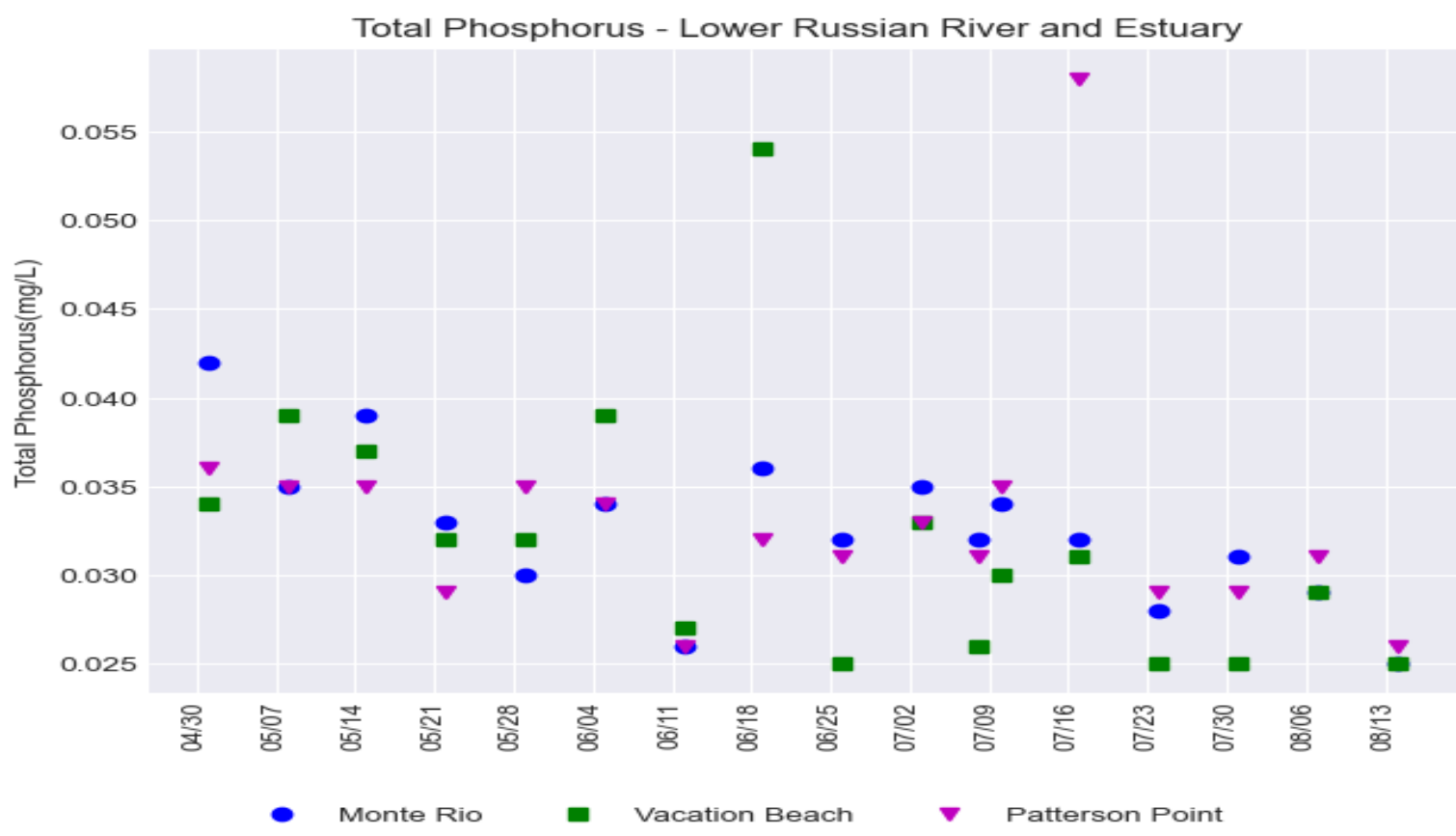
Provisional Data Subject to Revision



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 (July 8 - August 21, 2025)
Provisional Data Subject to Revision

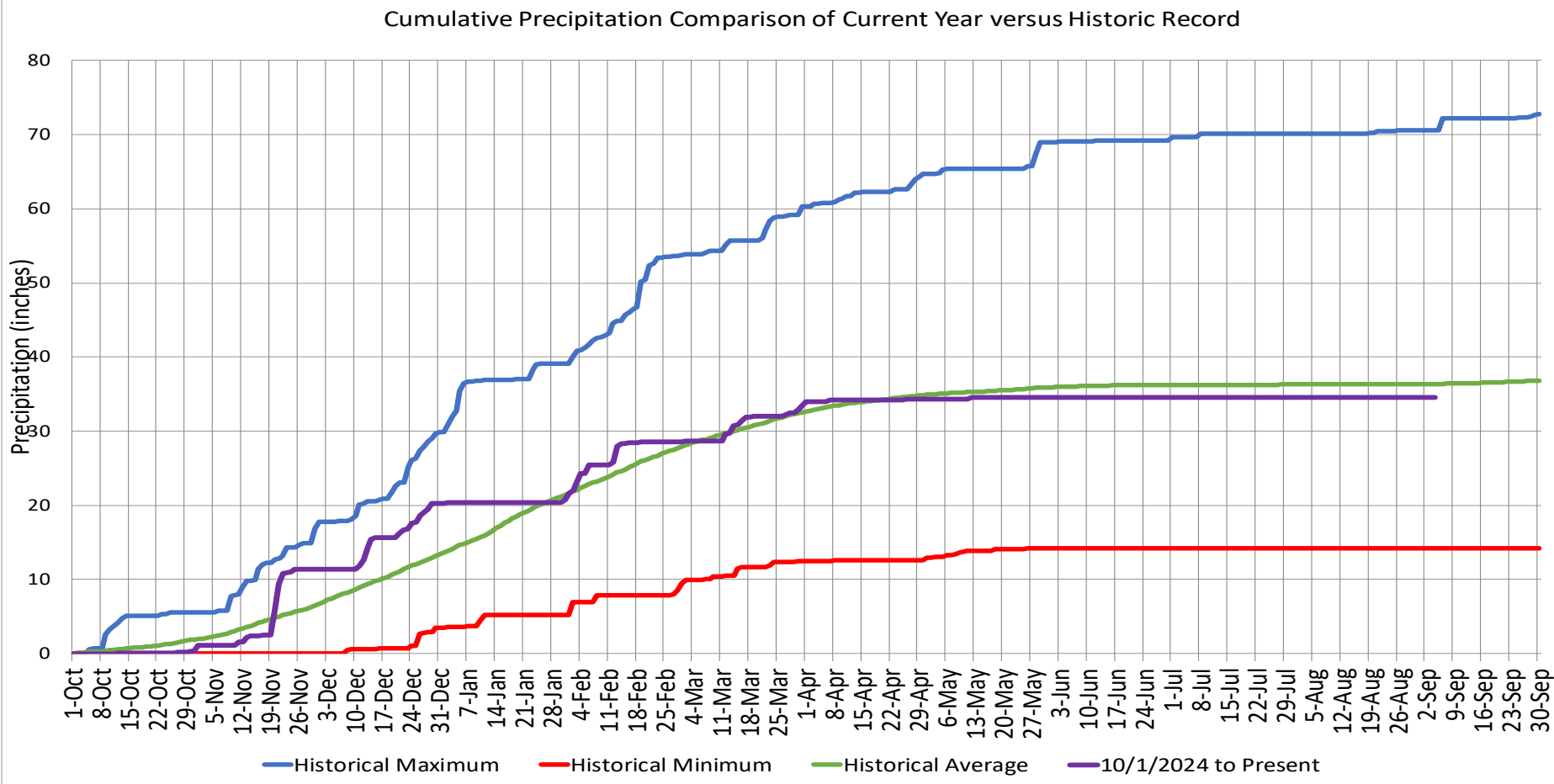
Russian River Estuary Standard Bacterial Indicators

Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	7/8/2025	2851**	3076**	2247**
		7/10/2025	2359**	3873**	3255**
		7/17/2025	2755**	2613**	2187**
		7/24/2025	2382**	1850**	1211**
		7/31/2025	1732.9	1732.9	1413.6
		8/7/2025	1722**	1515**	1396**
		8/14/2025	1732.9	1413.6	1986.3
		8/21/2025	1732.9	1413.6	1553.1
E. Coli MPN/100 mL	235	7/8/2025	15.8	6.3	1
		7/10/2025	21.3	4.1	2
		7/17/2025	5.2	7.5	7.5
		7/24/2025	27.5	4.1	4.1
		7/31/2025	28.8	7.3	8.5
		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
Enterococcus MPN/100 mL****	61	7/8/2025	20.1	6.3	4.1
		7/10/2025	63.7	5.2	19.5
		7/17/2025	21.6	21.3	20.9
		7/24/2025	145	21.6	14.5
		7/31/2025	22.8	26.5	7.5
		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

*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, 2024 - Sep 4, 2025	34.61
Last 7 Days*	0.00



Global Forecast System Model 16-day Cumulative Precipitation Forecast

