



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
September 12, 2025 - September 18, 2025

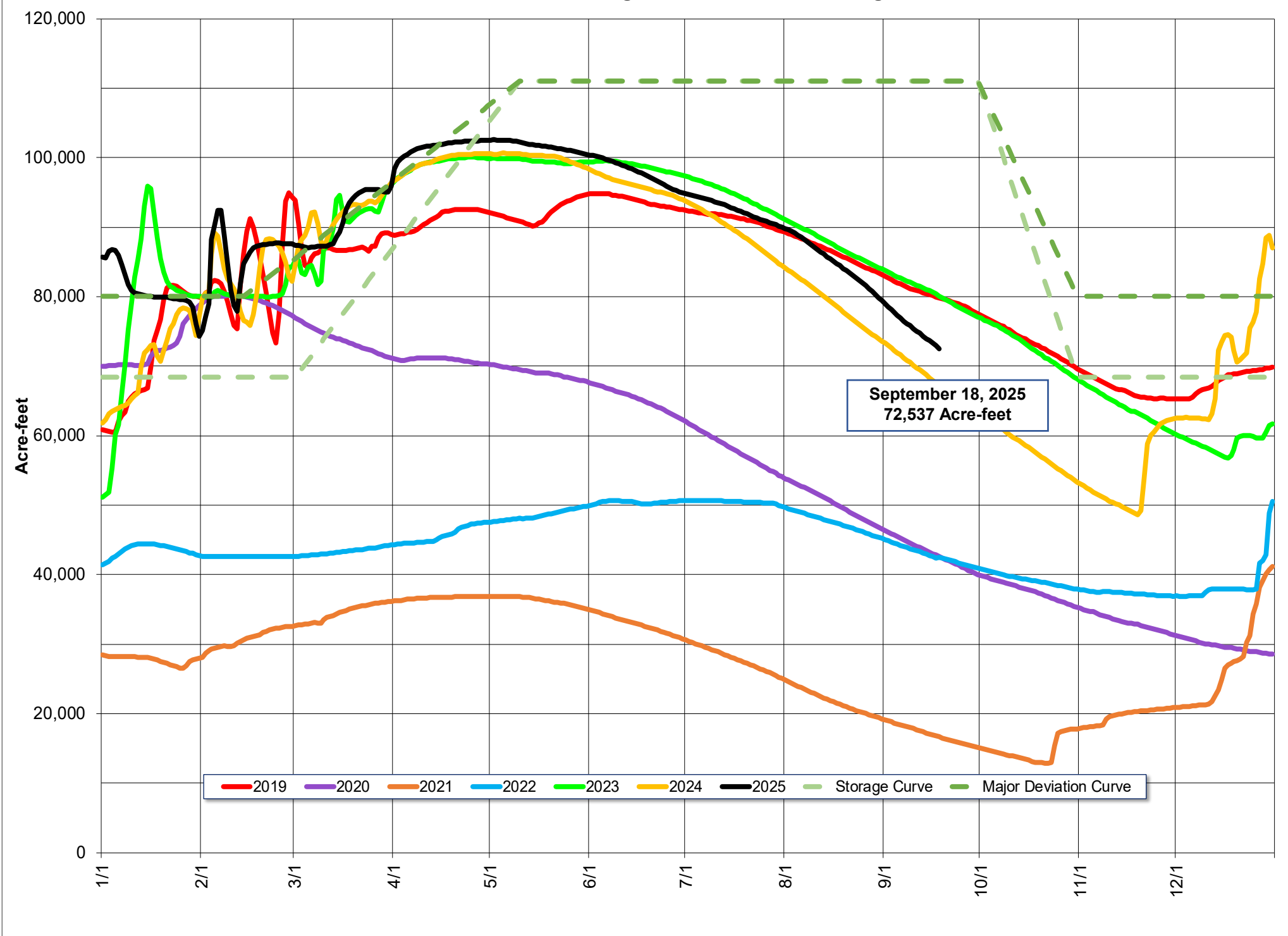
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of September 18, 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

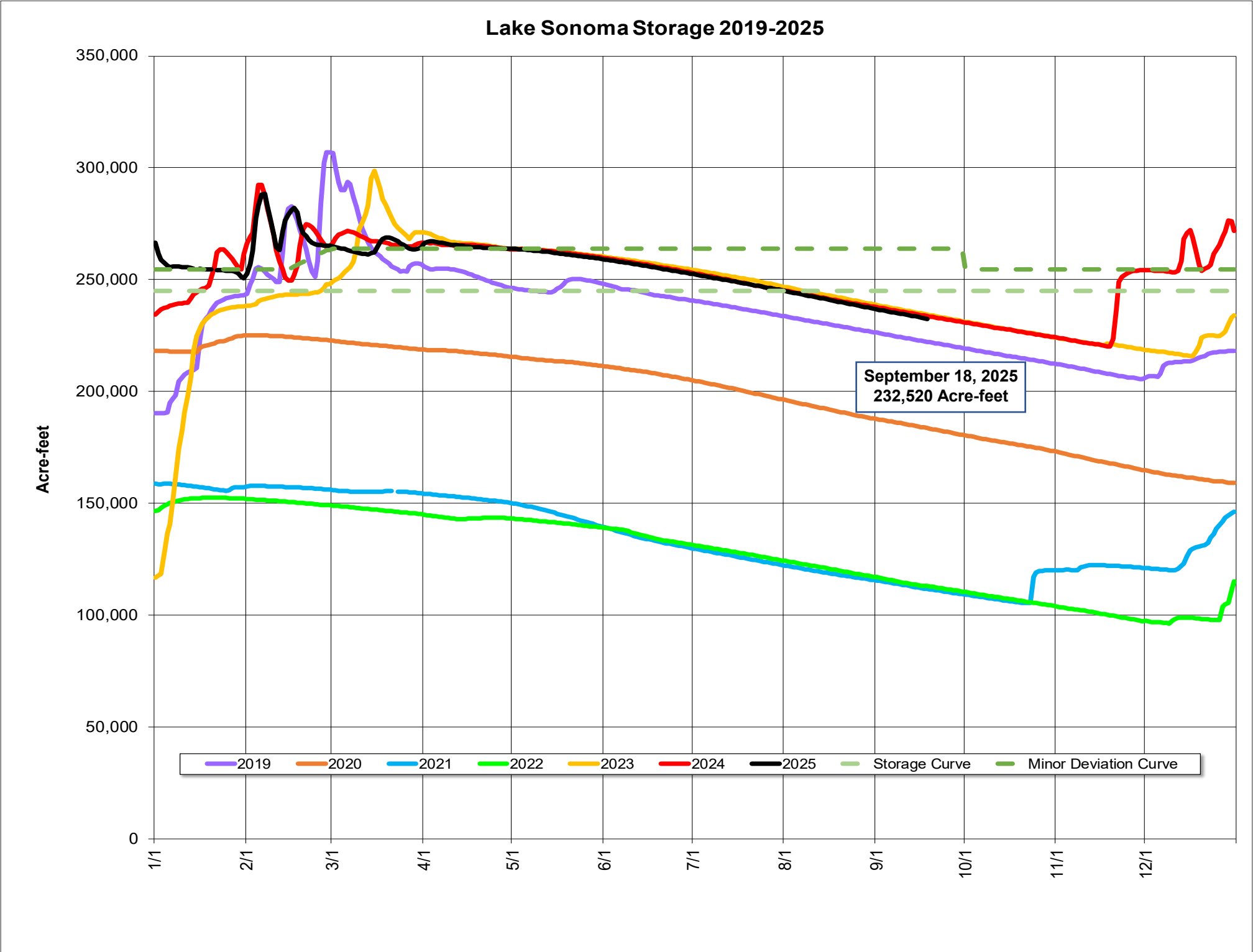
Lake Mendocino Storage 2019 - 2025 and Storage Curve



Storage (acre-feet)	September 18, 2025	72,537	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-11,516	-384
	Last 7 days	-2,189	-313
Daily Inflow (cfs)	Last 7 days	Min	2
		Max	42
		Mean	25
Release (cfs)	Last 7 days	Min	193
		Max	201
		Mean	197



Todd Schram, February 10 , 2024



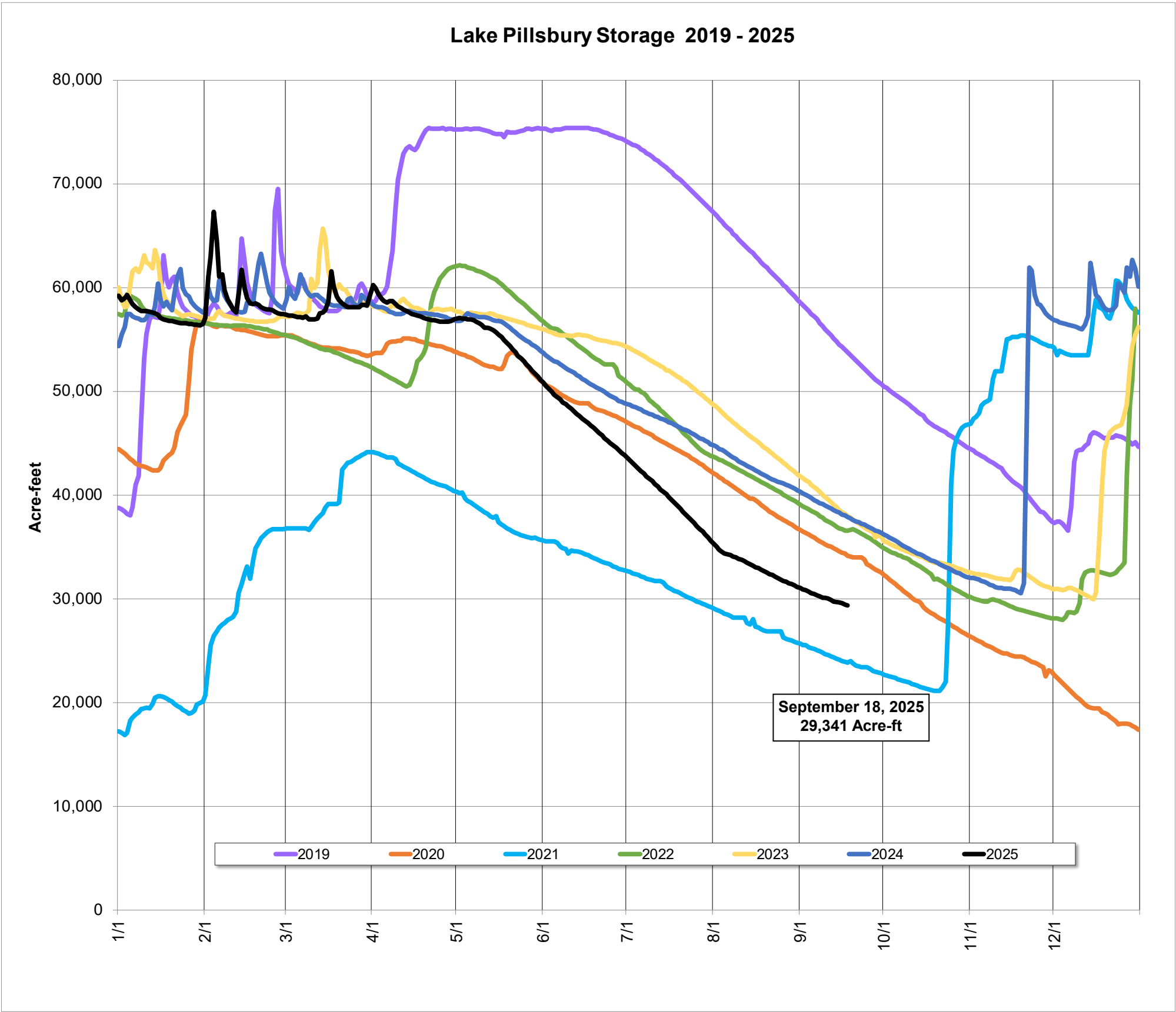
Storage (acre-feet)	September 18, 2025	232,520	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,621	-254
	Last 7 days	-1,531	-219
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	15
		Mean	5
Release (cfs)	Last 7 days	Min	117
		Max	118
		Mean	118

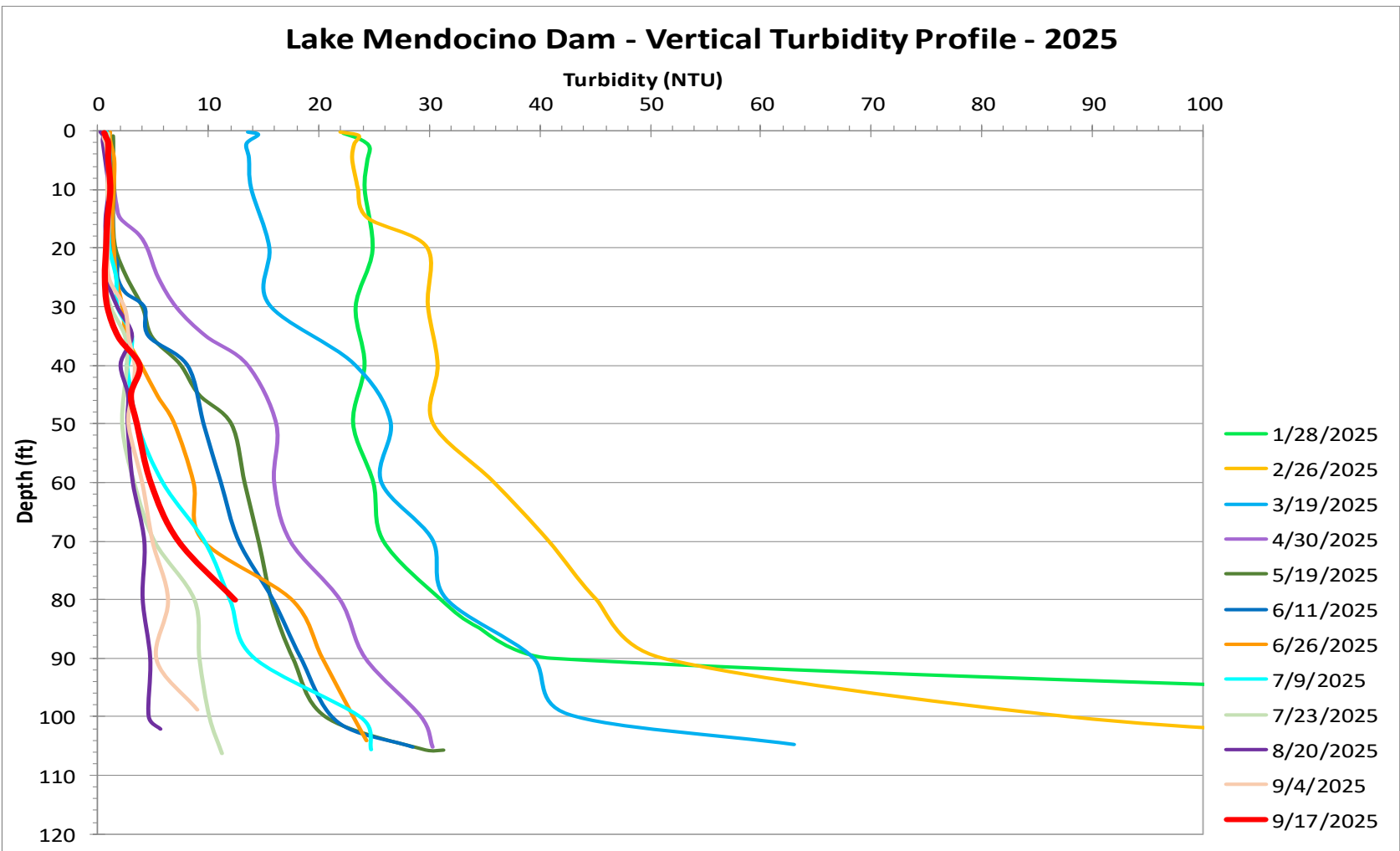
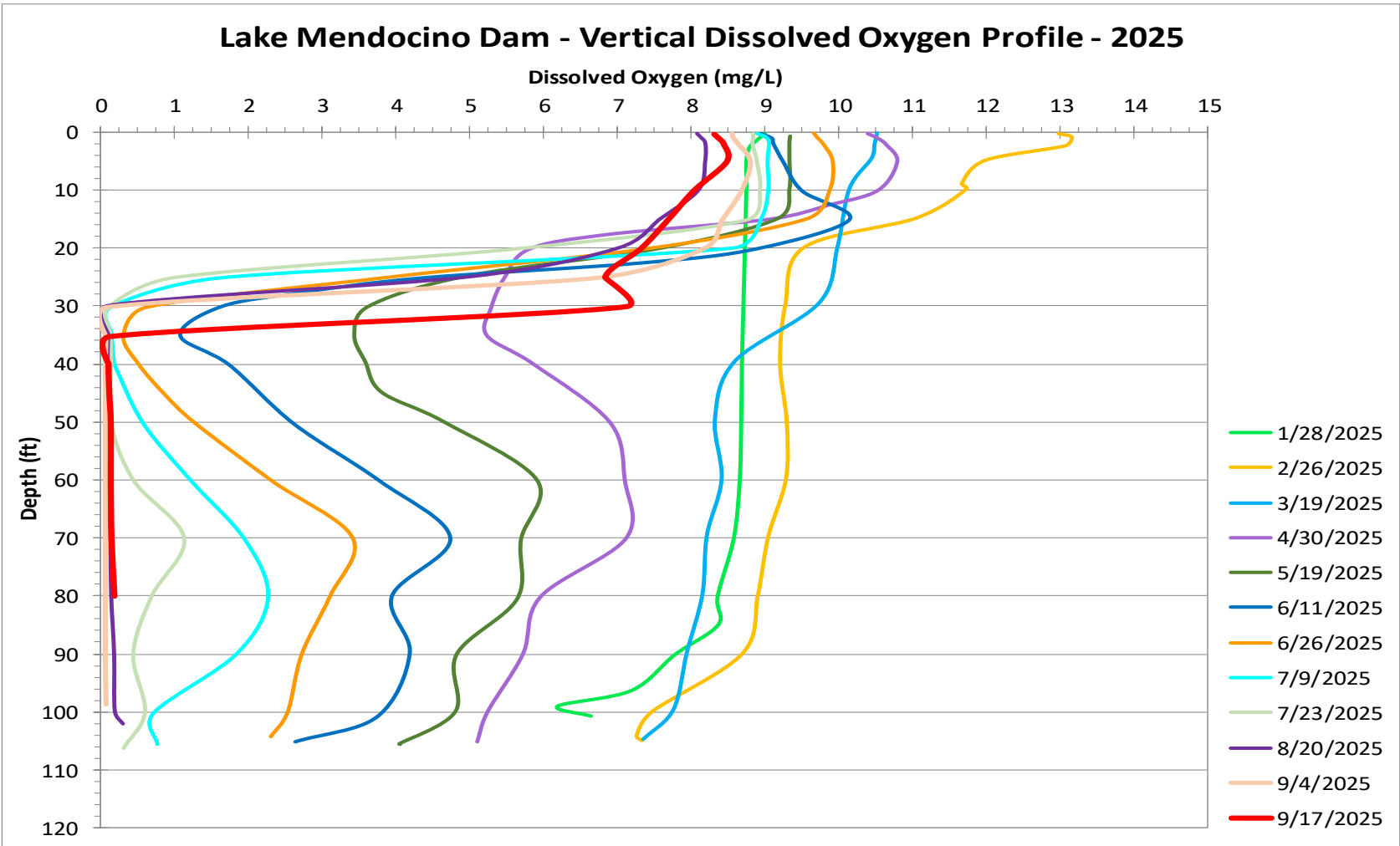
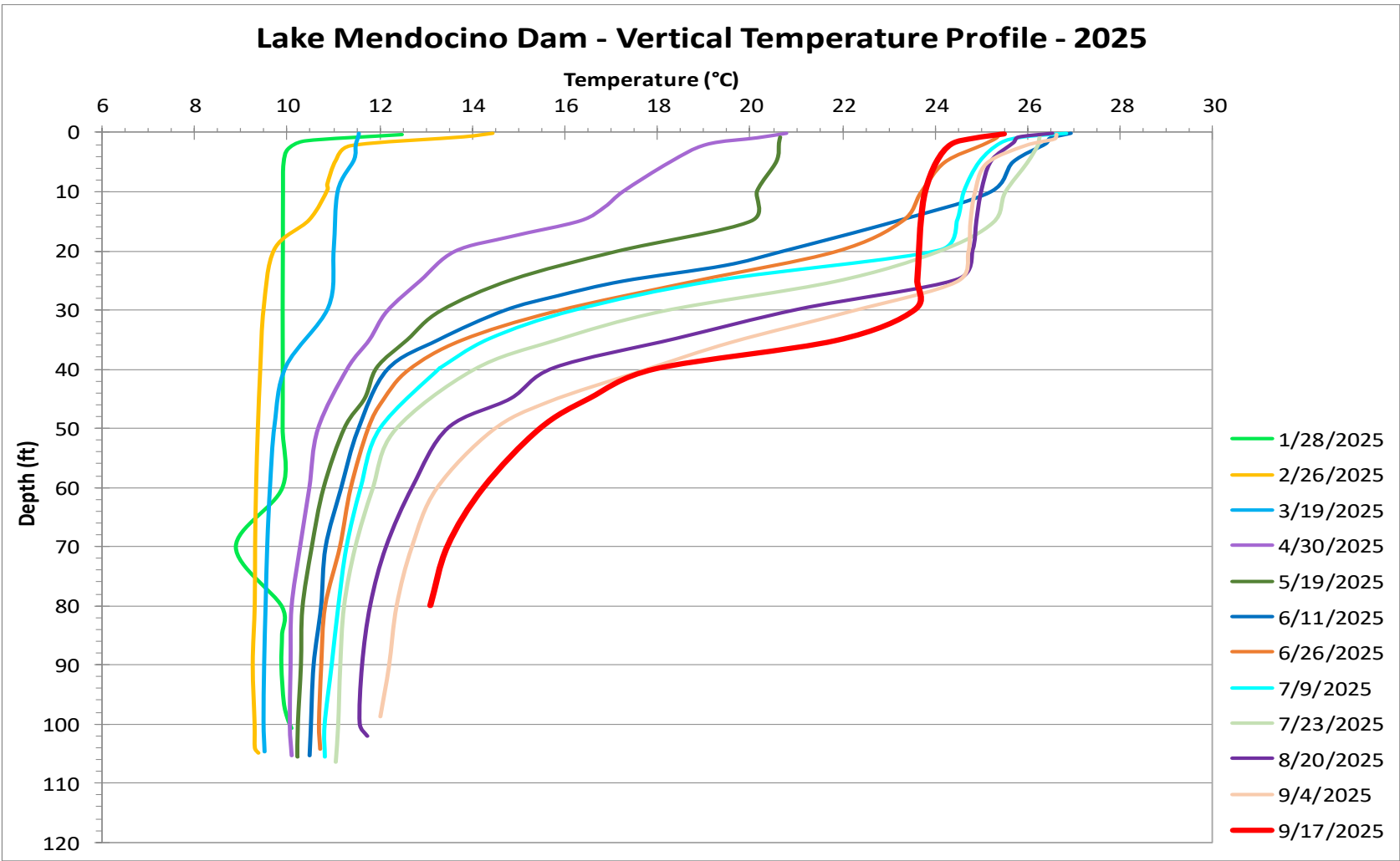
Potter Valley Project

PVP Diversion (cfs)	September 18, 2025	35
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2024 - September 18, 2025	612,761	1,736
	Last 7 days	253	36

*Inflow calculation based on criteria established in D1610

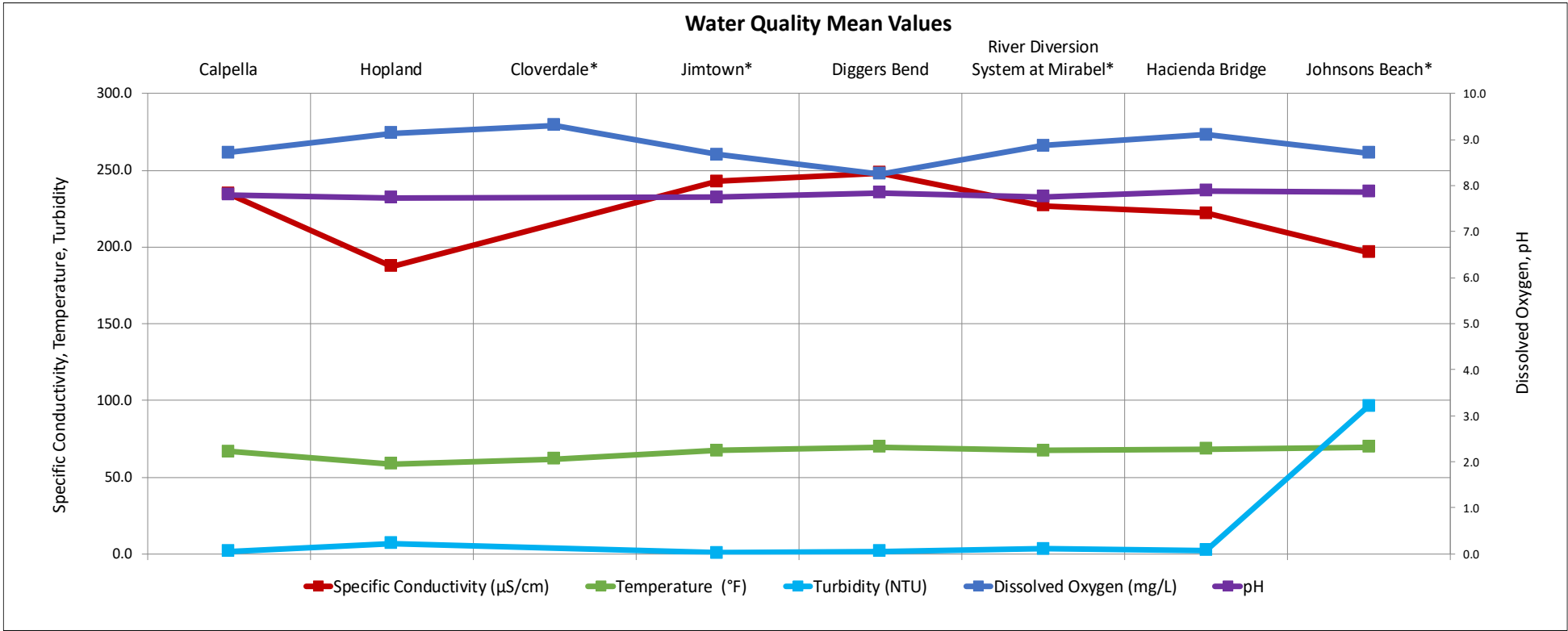




Russian River Flows (September 12, 2025 - September 18, 2025)

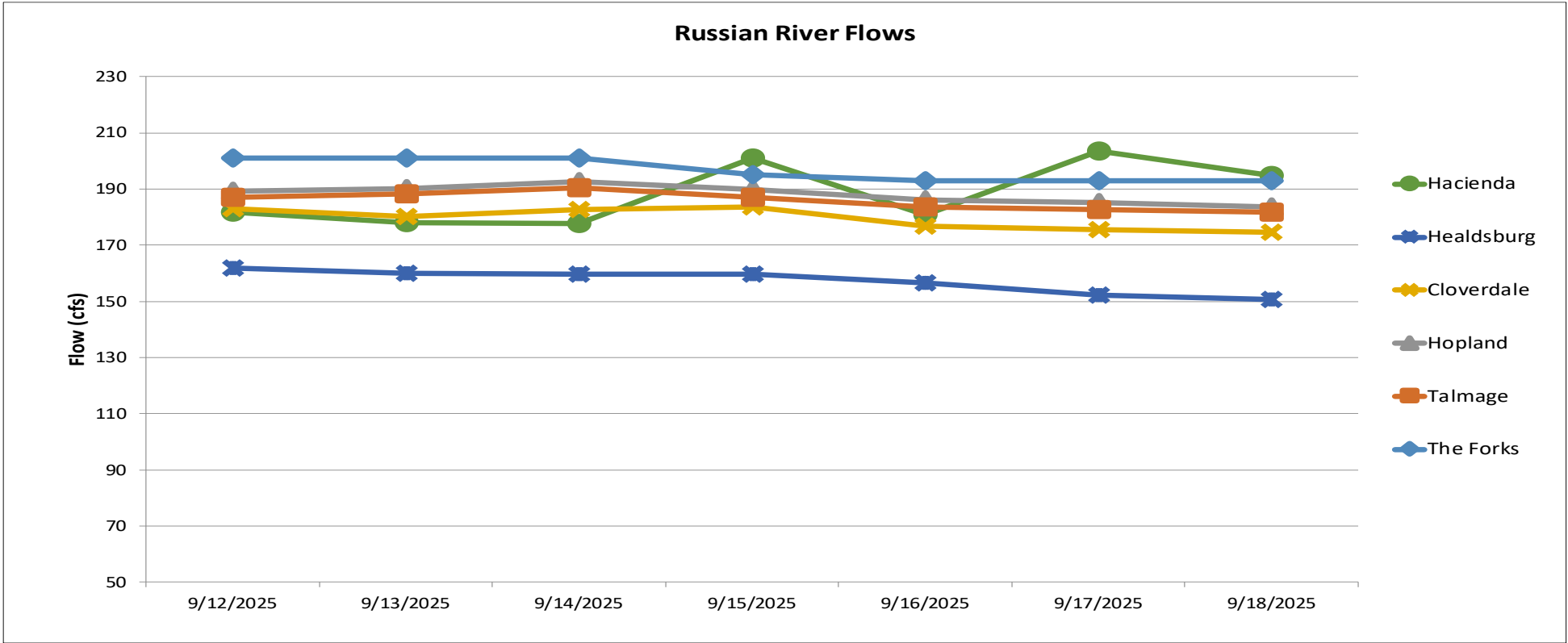
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	63.7	56.8	59.9	64.8	66.2	65.9	65.3	68.3
	Max	69.3	60.3	64.6	70.0	72.7	69.1	71.1	71.1
	Mean	66.8	58.7	61.8	67.4	69.5	67.2	68.2	69.5
Specific Conductivity (µS/cm)	Min	230.0	185.0		238.0	245.0	225.0	220.0	108.1
	Max	240.0	189.0		246.0	251.0	235.7	225.0	209.5
	Mean	234.6	187.5		242.7	248.4	226.8	222.1	196.4
Dissolved Oxygen (mg/L)	Min	8.2	8.6	8.6	7.1	7.4	8.2	7.9	7.1
	Max	9.4	9.8	10.6	11.2	9.3	9.4	10.6	9.7
	Mean	8.7	9.1	9.3	8.7	8.3	8.9	9.1	8.7
Dissolved Oxygen (% Saturation)	Min	89.4	85.1	86.9	76.2	80.2	88.8	84.6	79.0
	Max	104.2	98.0	111.7	124.1	107.4	102.2	119.8	110.0
	Mean	94.7	90.3	95.5	94.9	92.4	96.8	100.4	97.4
pH	Min	7.7	7.7		7.5	7.7	7.6	7.6	7.6
	Max	8.0	7.8		8.1	8.0	7.9	8.3	8.1
	Mean	7.8	7.7		7.7	7.8	7.8	7.9	7.9
Turbidity (NTU)	Min	0.8	5.4		0.2	1.0	0.7	1.6	2.24
	Max	2.8	9.0		1.4	2.7	1127.3	3.3	1393.2
	Mean	1.7	6.9		0.7	1.7	3.3	2.3	96.4

*Station operated seasonally



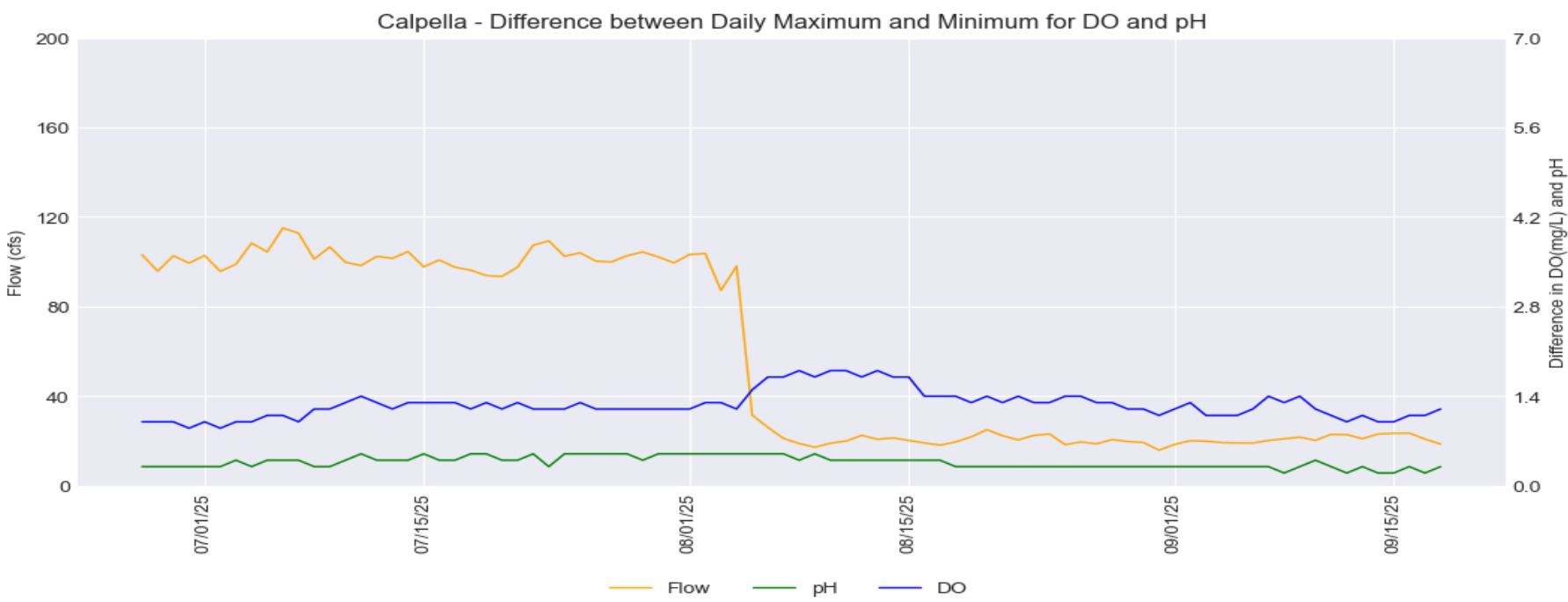
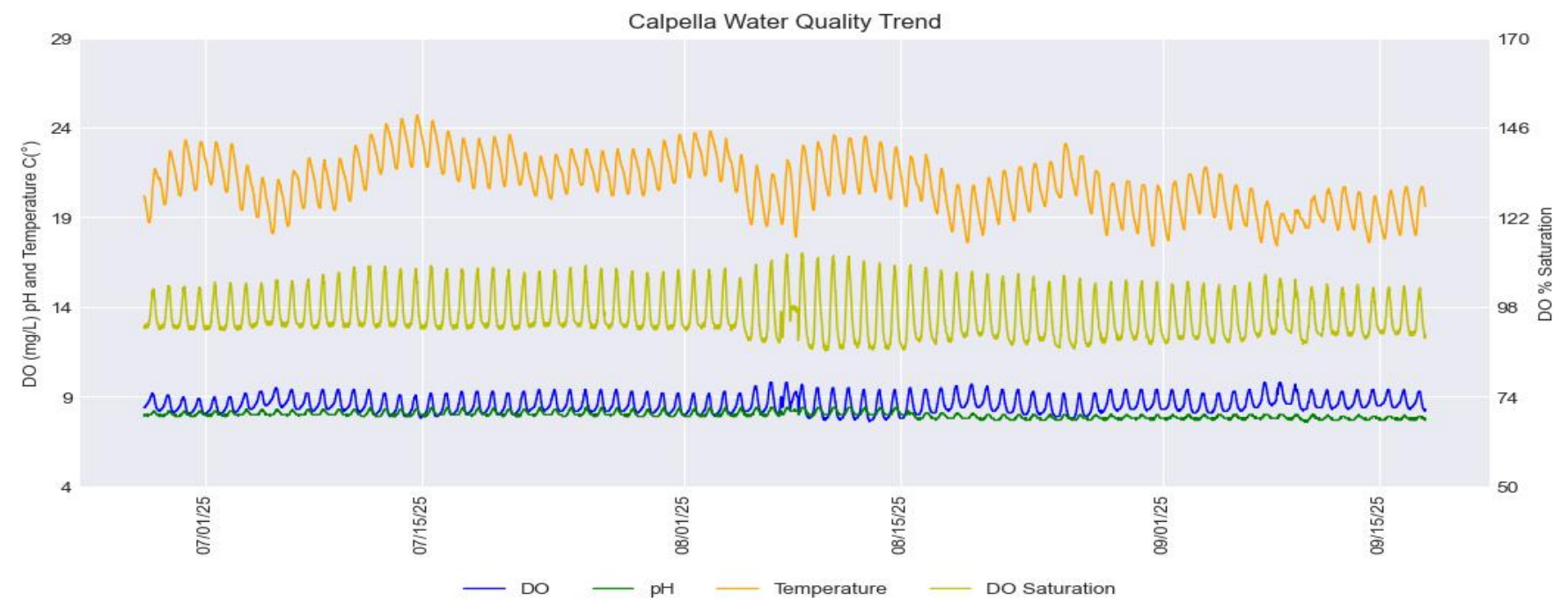
Gage	24-hr Average Flow (cfs)						
	Sep 12, 2025	Sep 13, 2025	Sep 14, 2025	Sep 15, 2025	Sep 16, 2025	Sep 17, 2025	Sep 18, 2025
The Forks*	201	201	201	195	193	193	193
Talmage USGS 11462080	187	188	190	187	184	183	182
Hopland USGS 11462500	189	190	193	190	186	185	184
Cloverdale USGS 11463000	183	180	183	184	177	176	175
Healdsburg USGS 11464000	162	160	160	160	157	152	151
Hacienda USGS 11467000	182	178	178	201	181	204	195

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

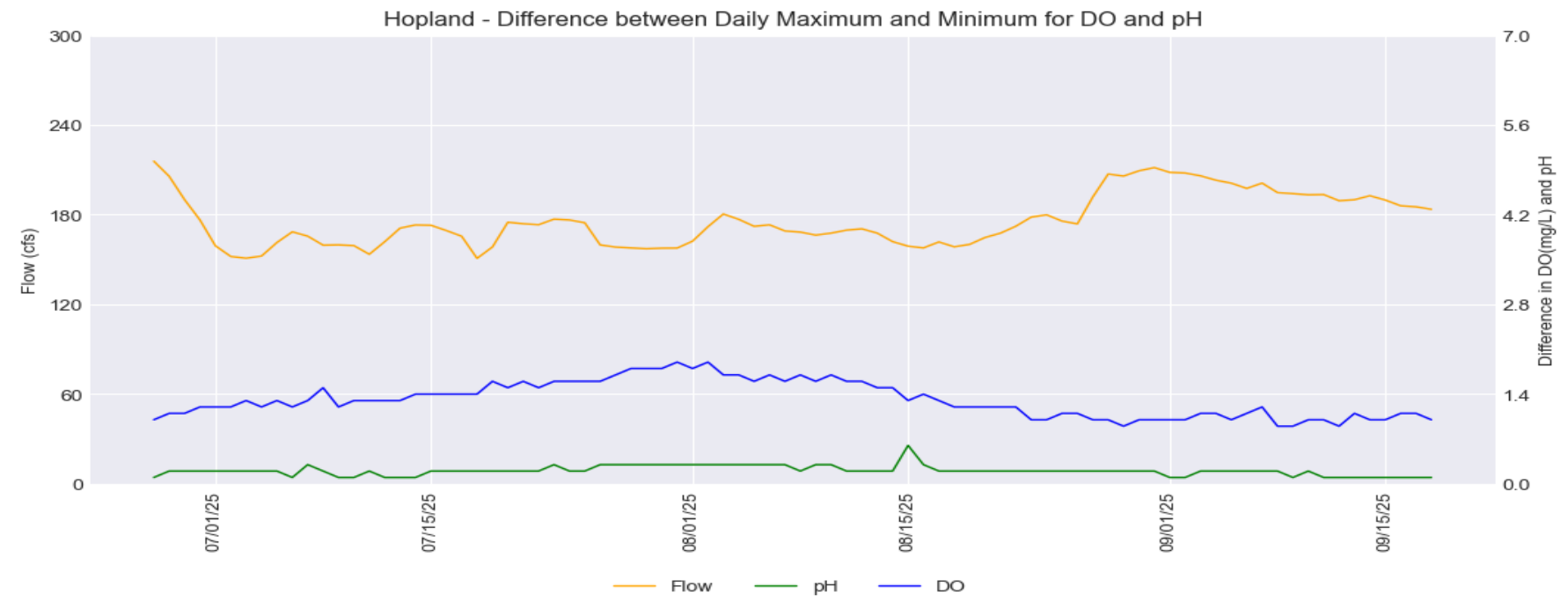
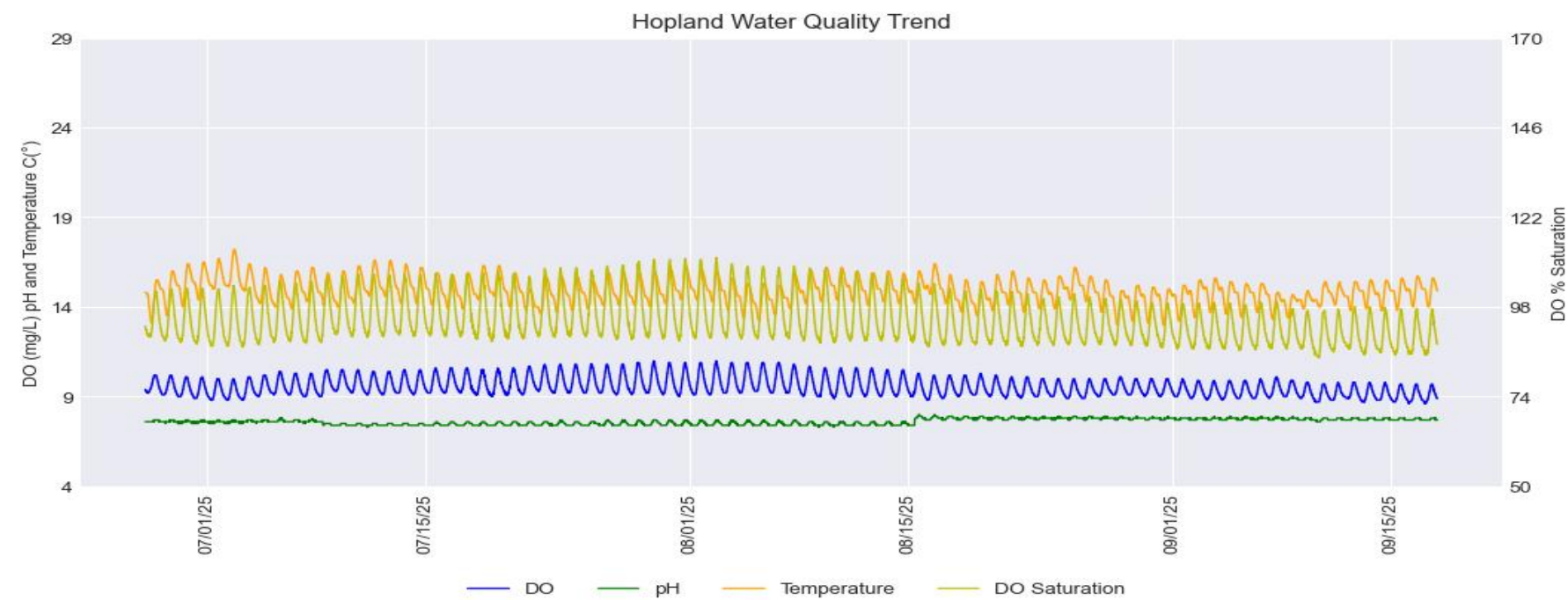


Russian River Water Quality June 27, 2025 – September 18, 2025
Provisional Data Subject to Revision

Calpella



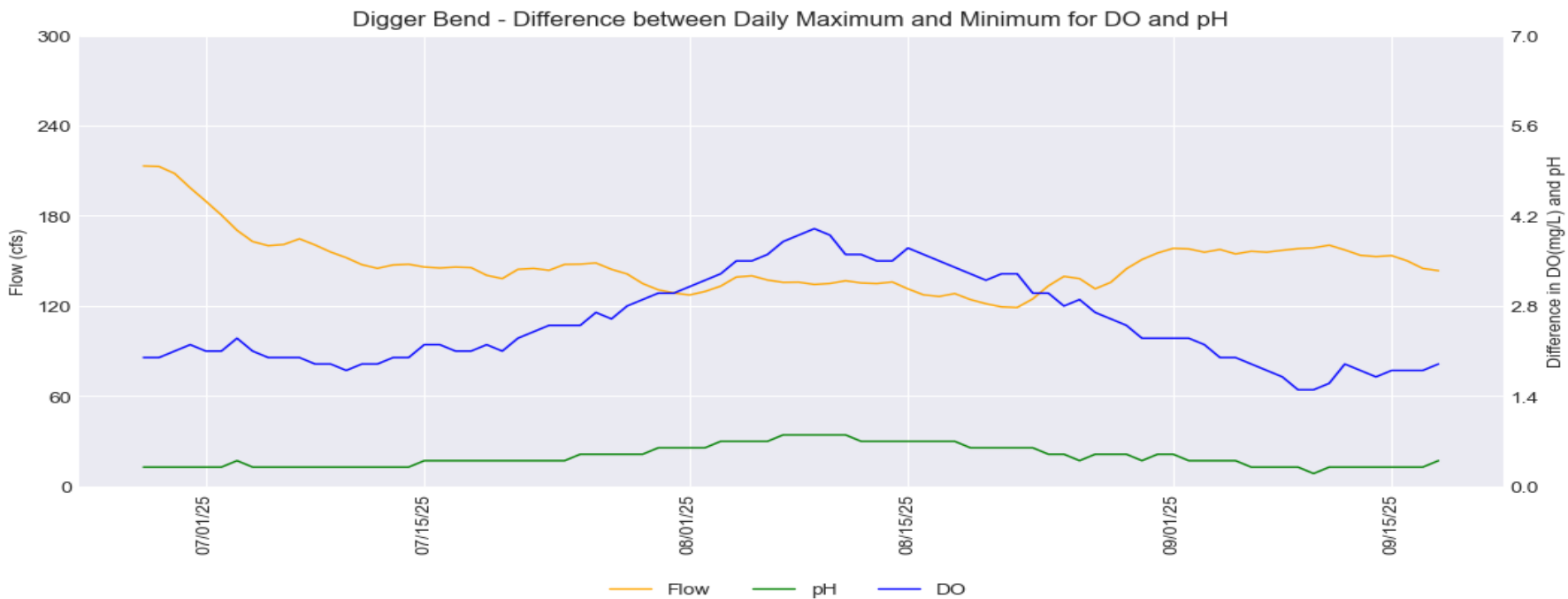
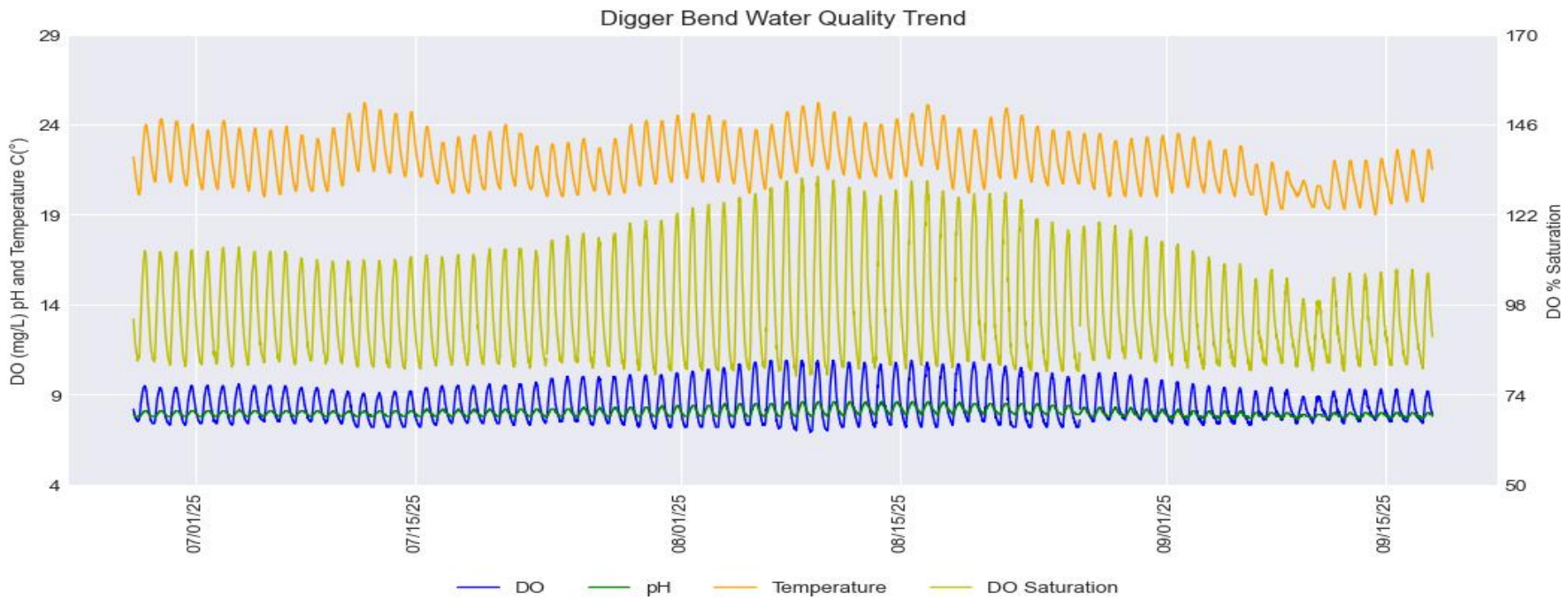
Hopland



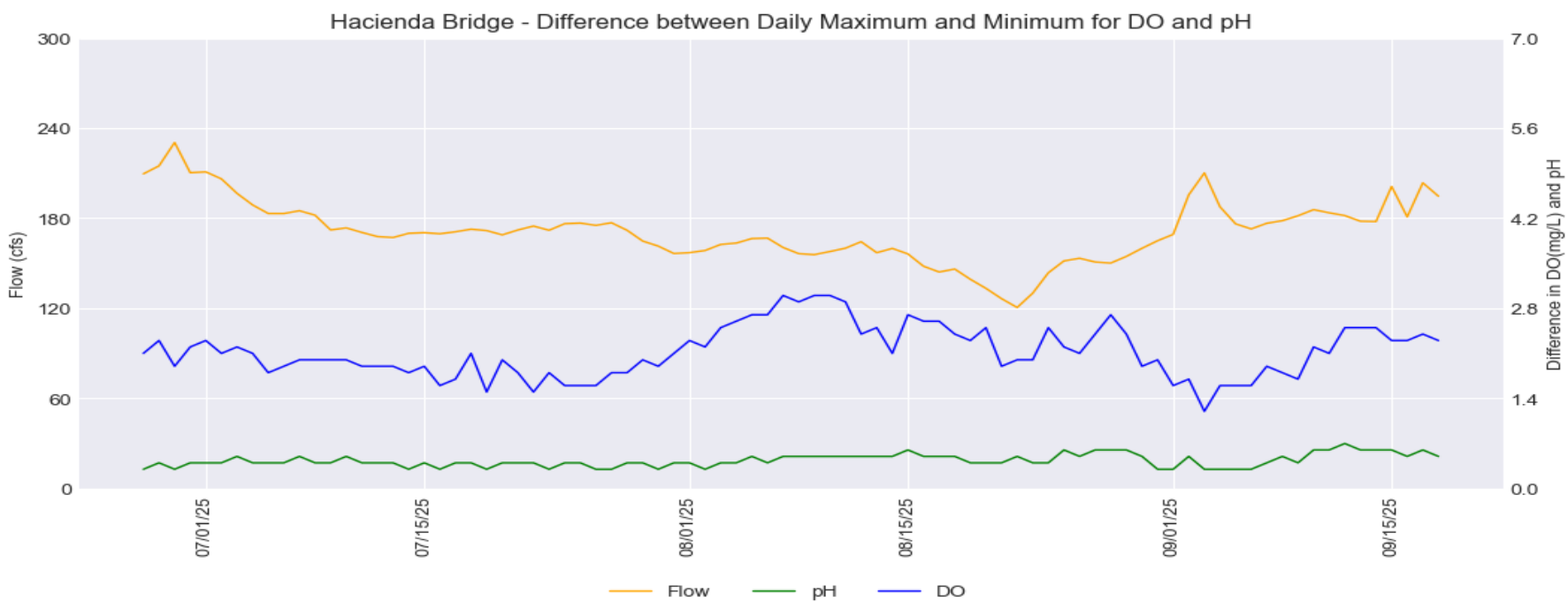
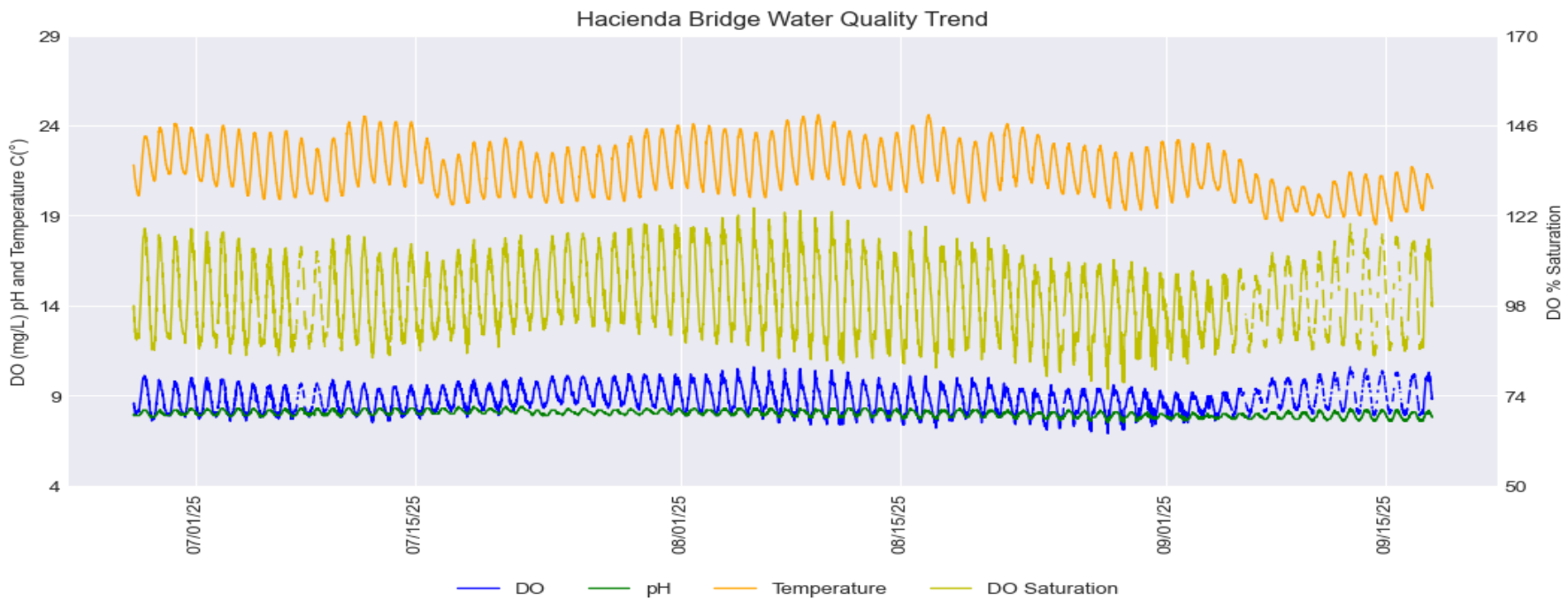
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Digger Bend

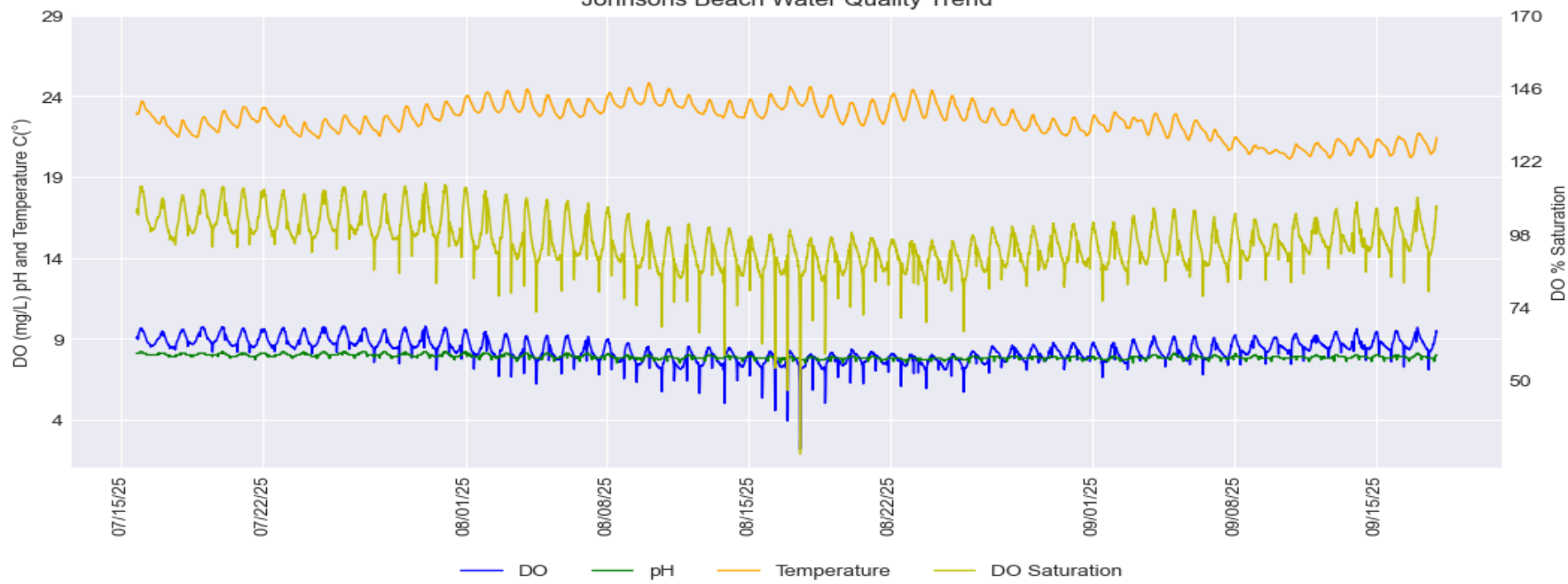


Hacienda Bridge

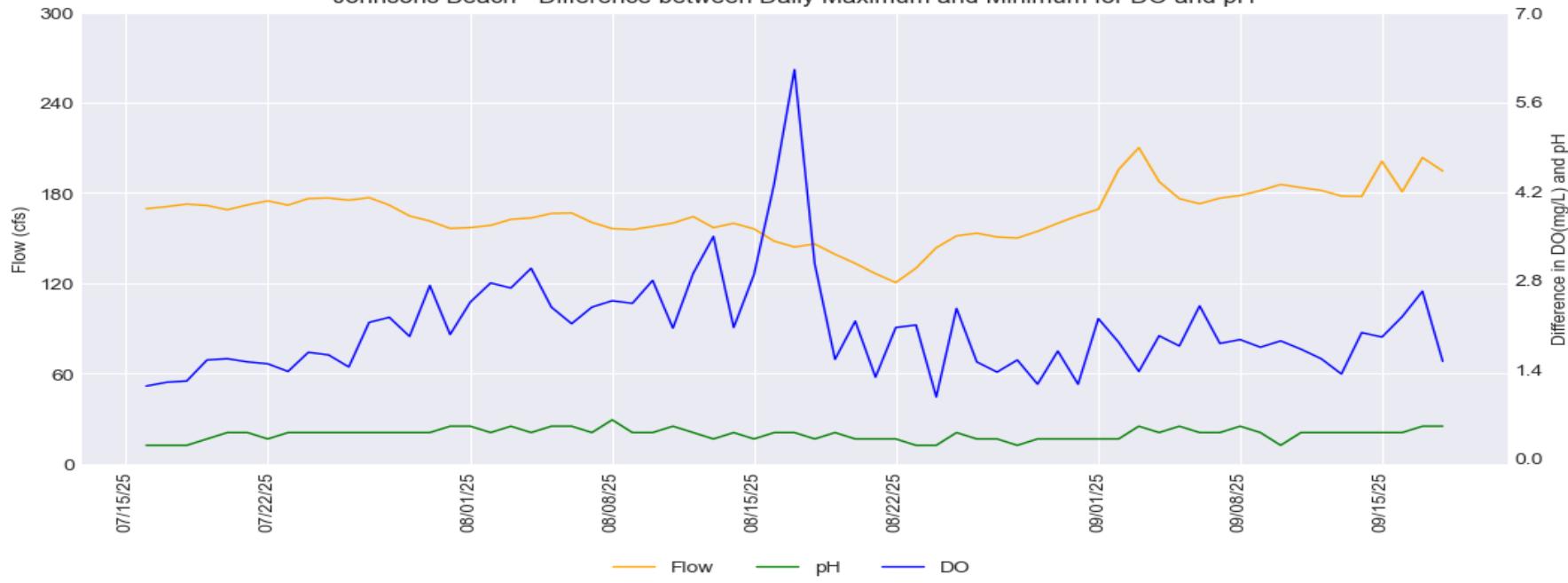


Russian River Water Quality June 27, 2025 – September 18, 2025
Provisional Data Subject to Revision
Johnsons Beach

Johnsons Beach Water Quality Trend

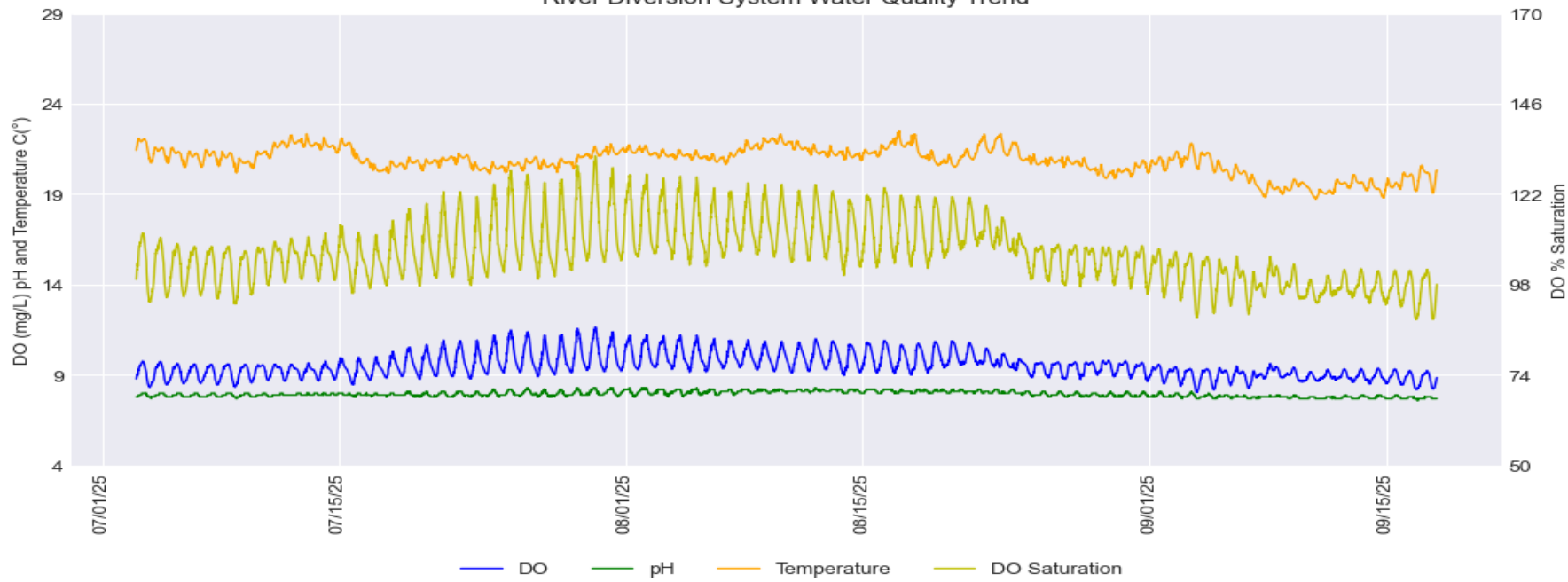


Johnsons Beach - Difference between Daily Maximum and Minimum for DO and pH

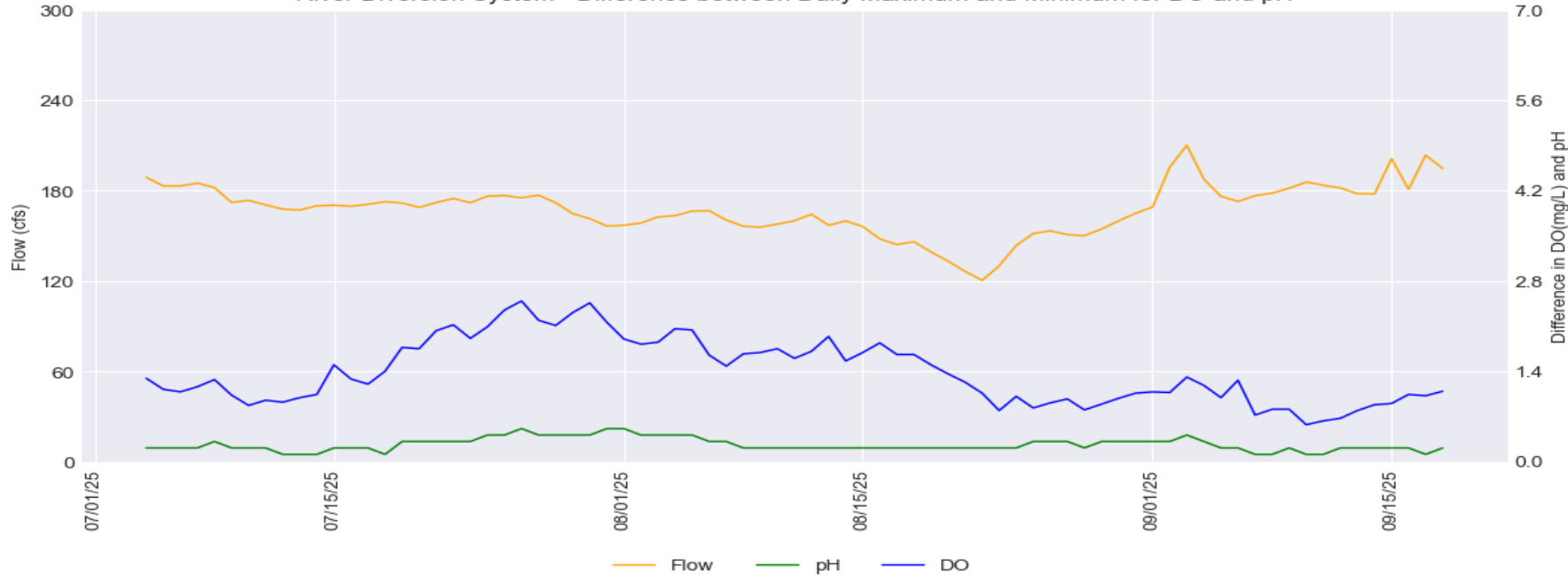


River Diversion System at Mirabel

River Diversion System Water Quality Trend

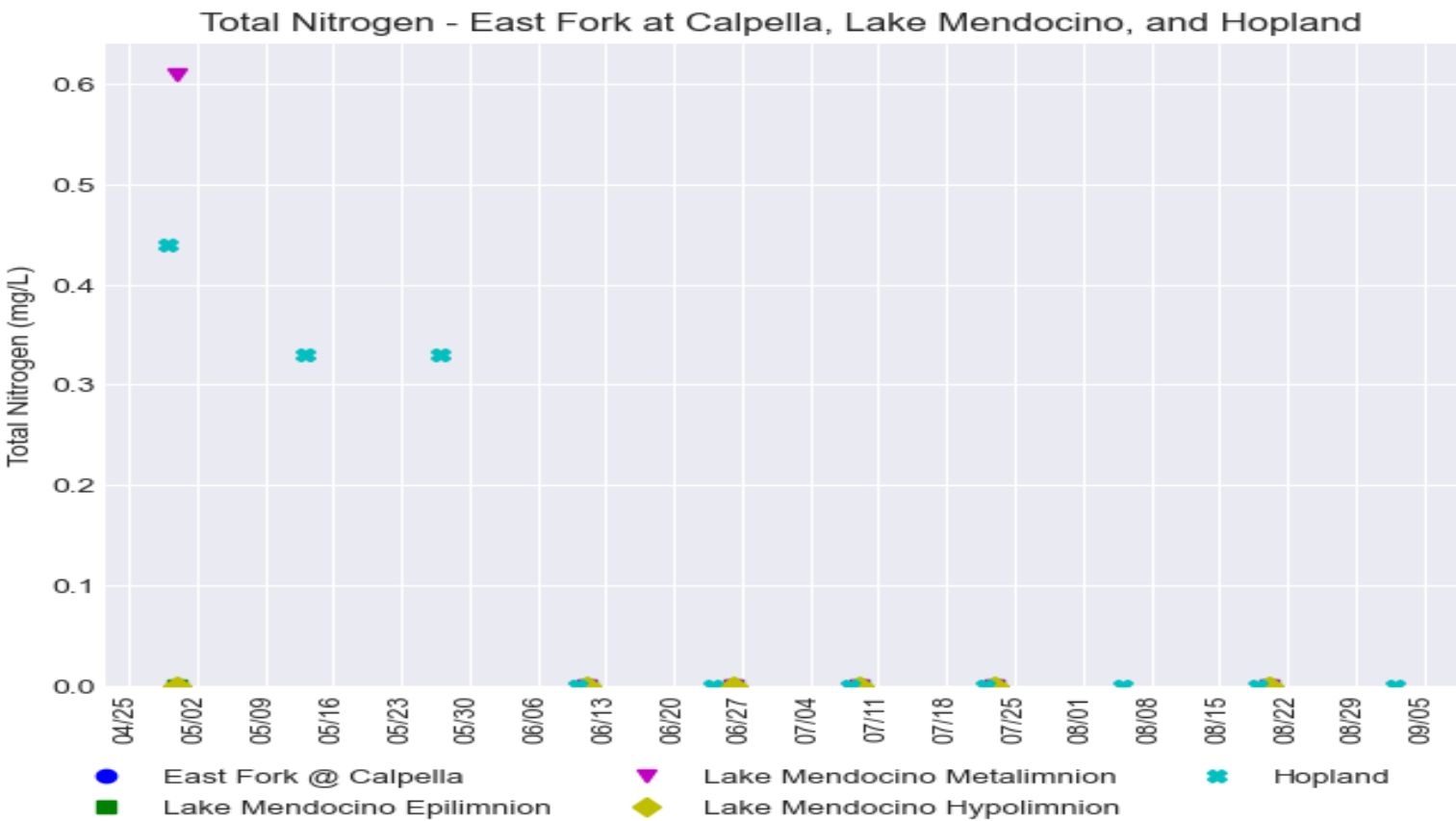
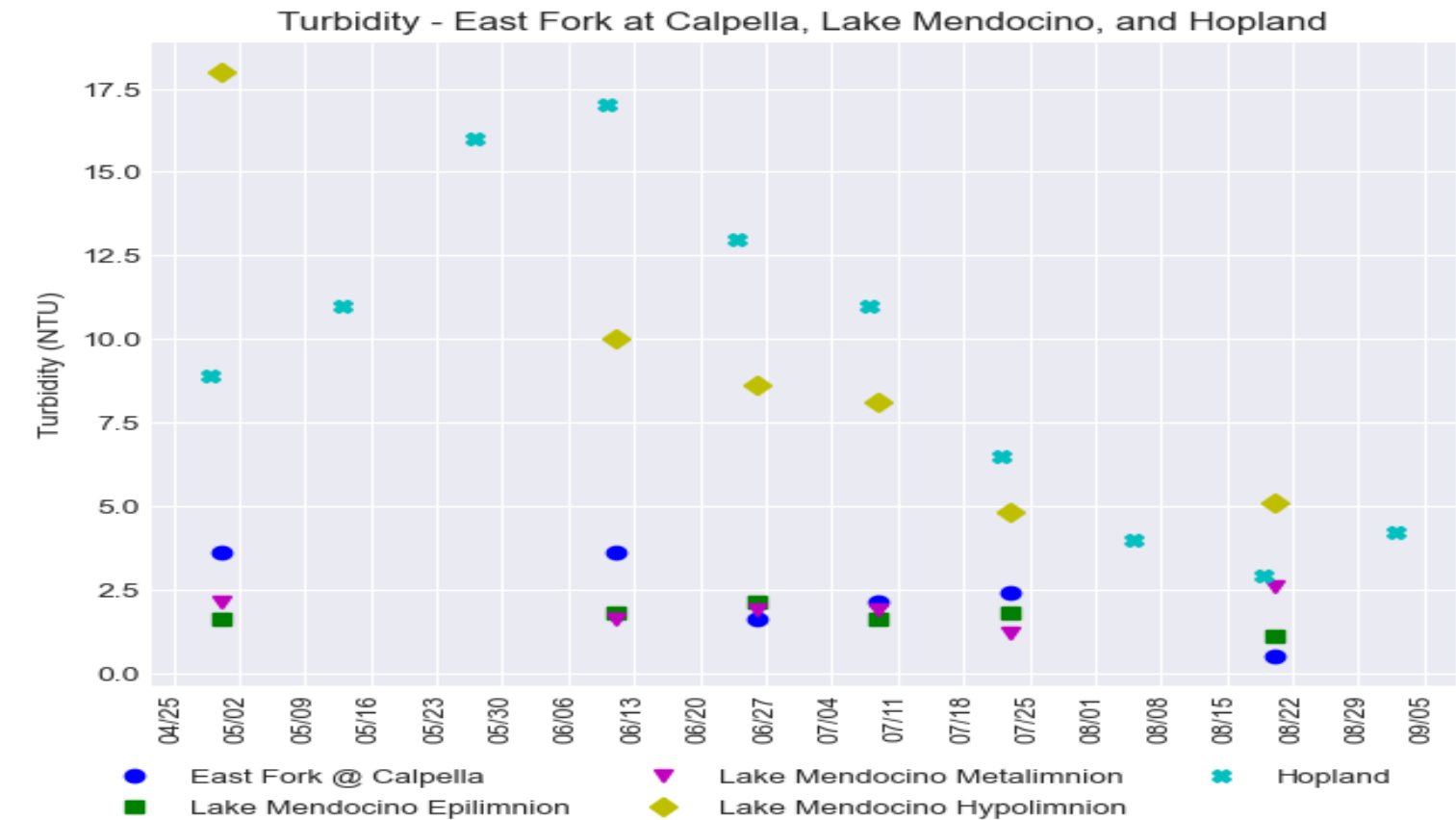
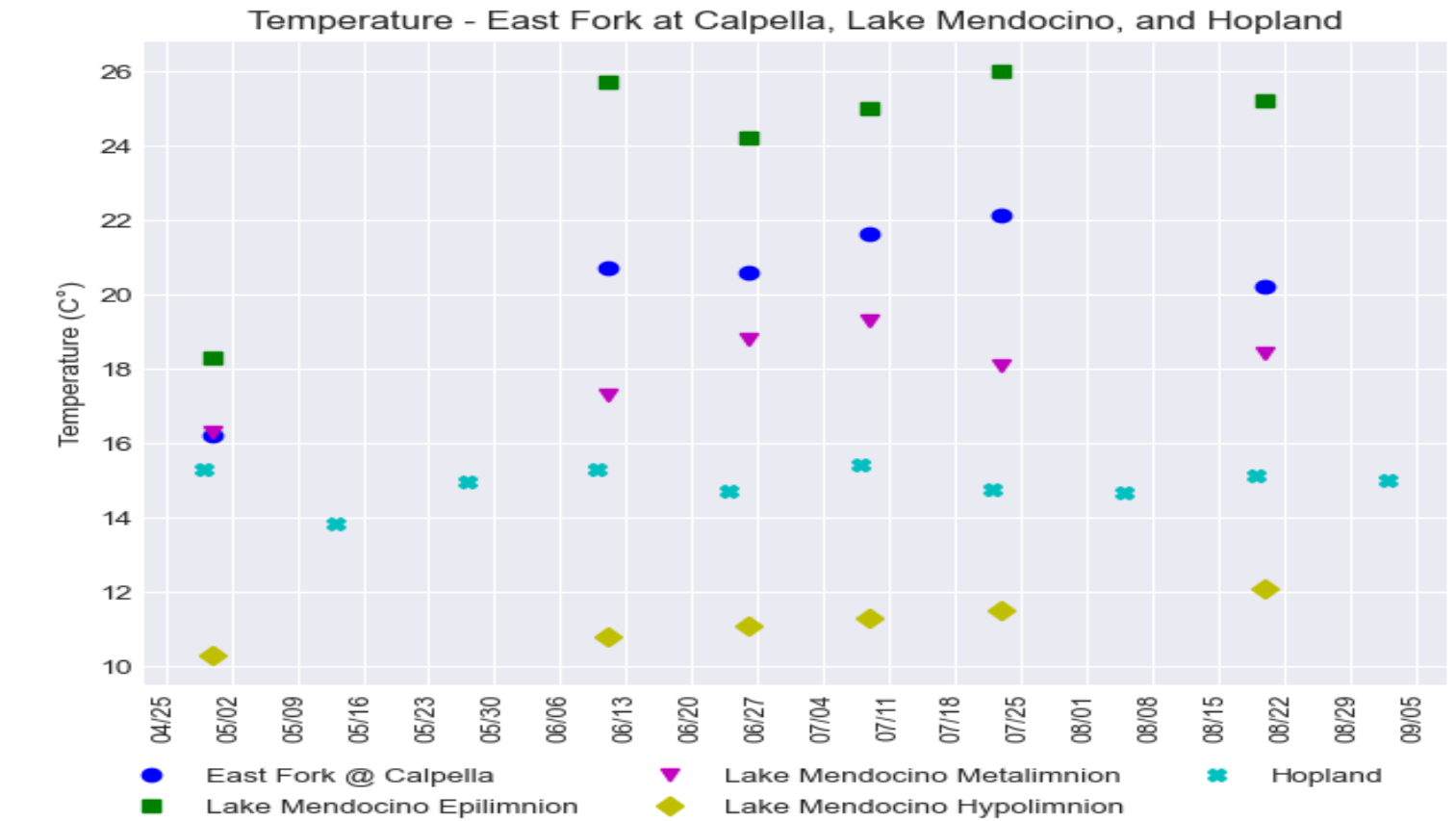


River Diversion System - Difference between Daily Maximum and Minimum for DO and pH



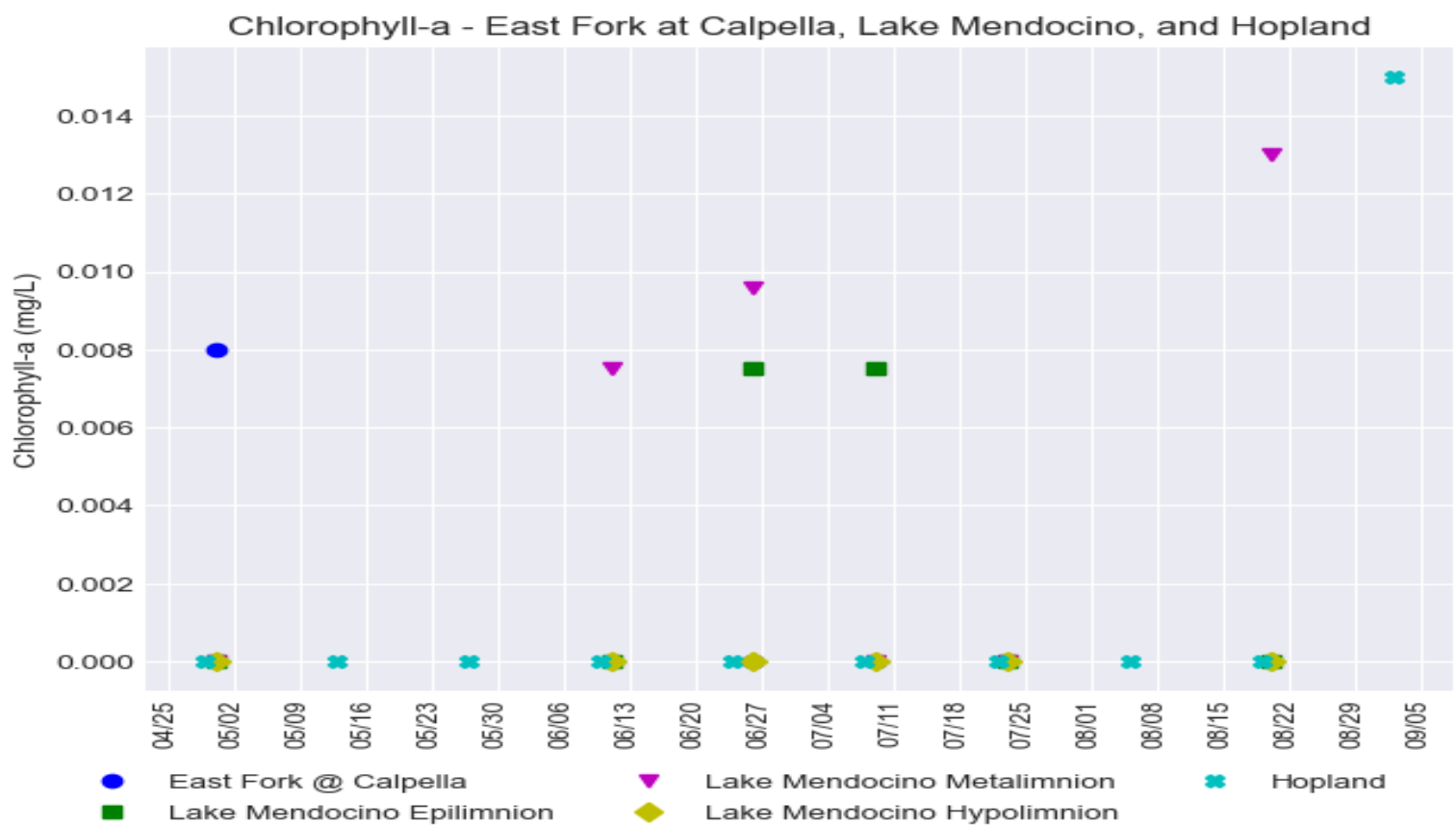
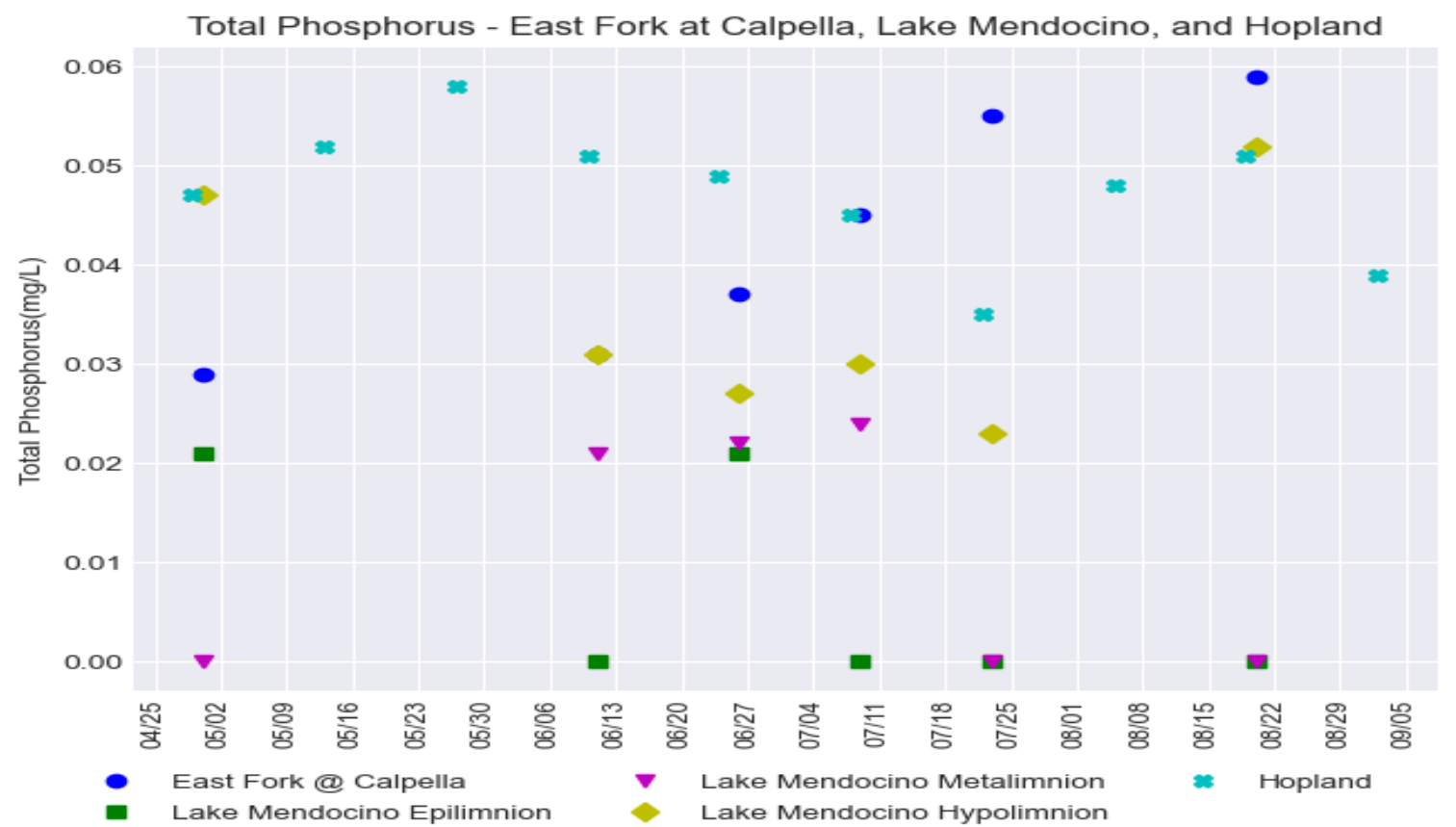
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



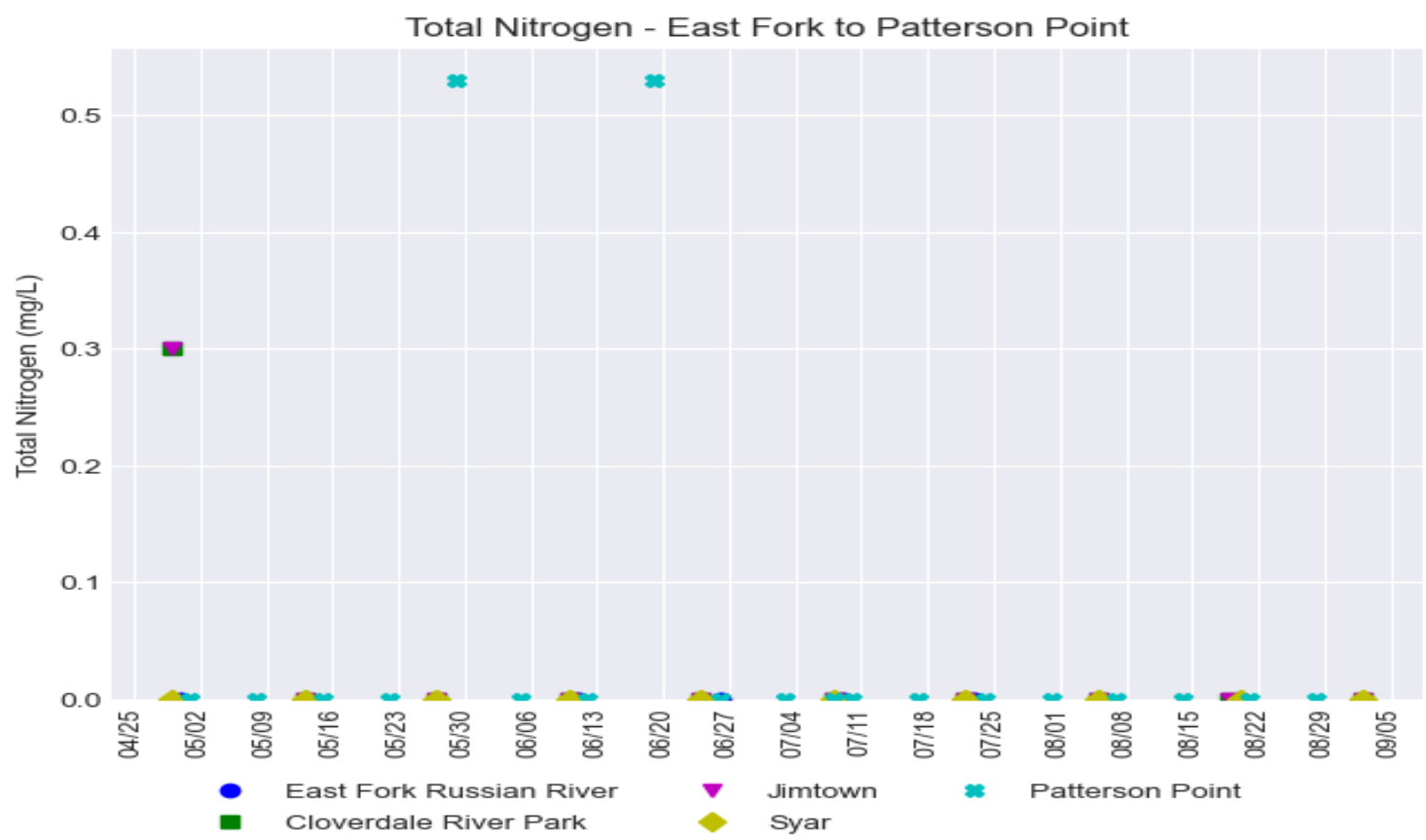
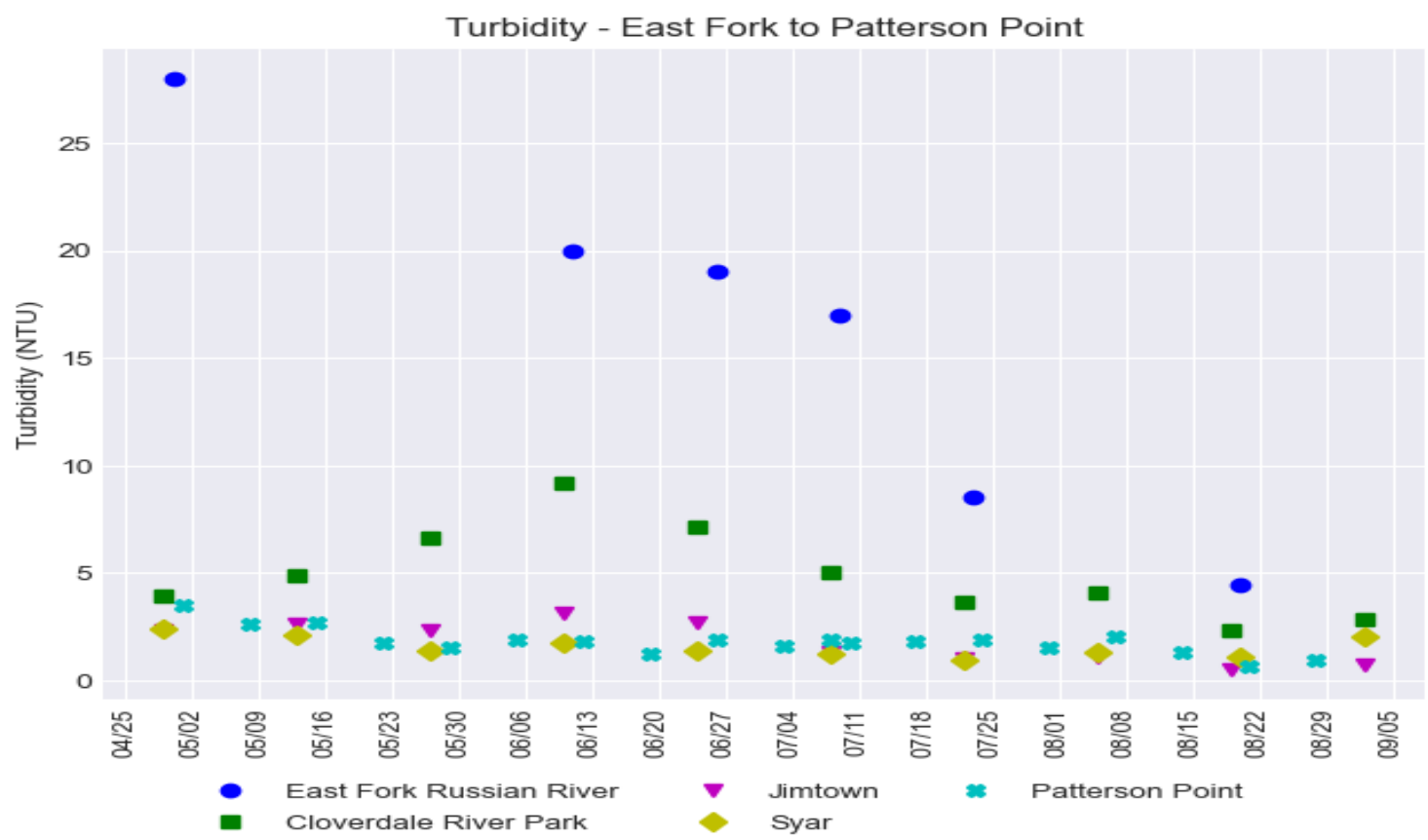
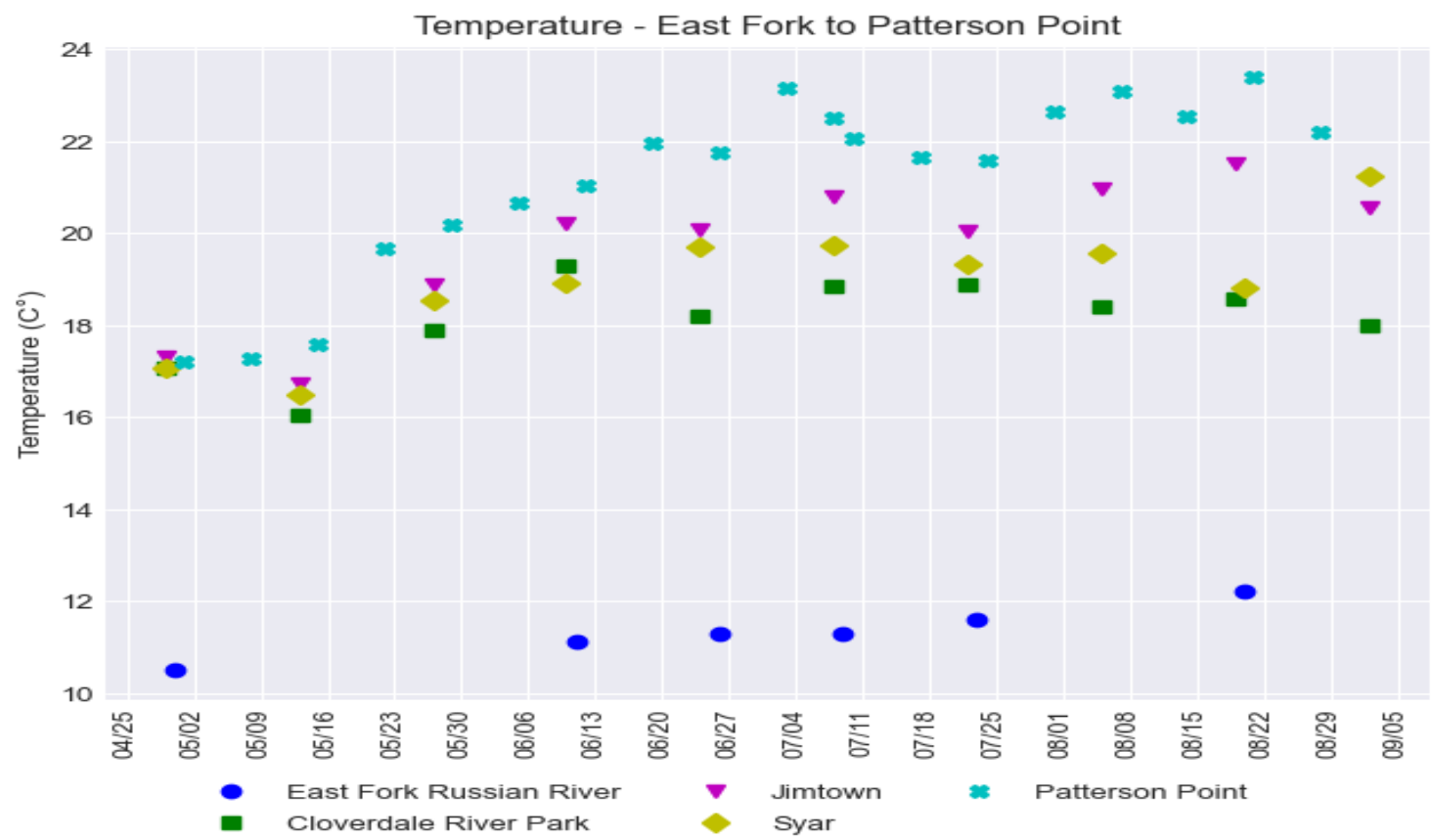
Russian River Water Quality Grab Samples

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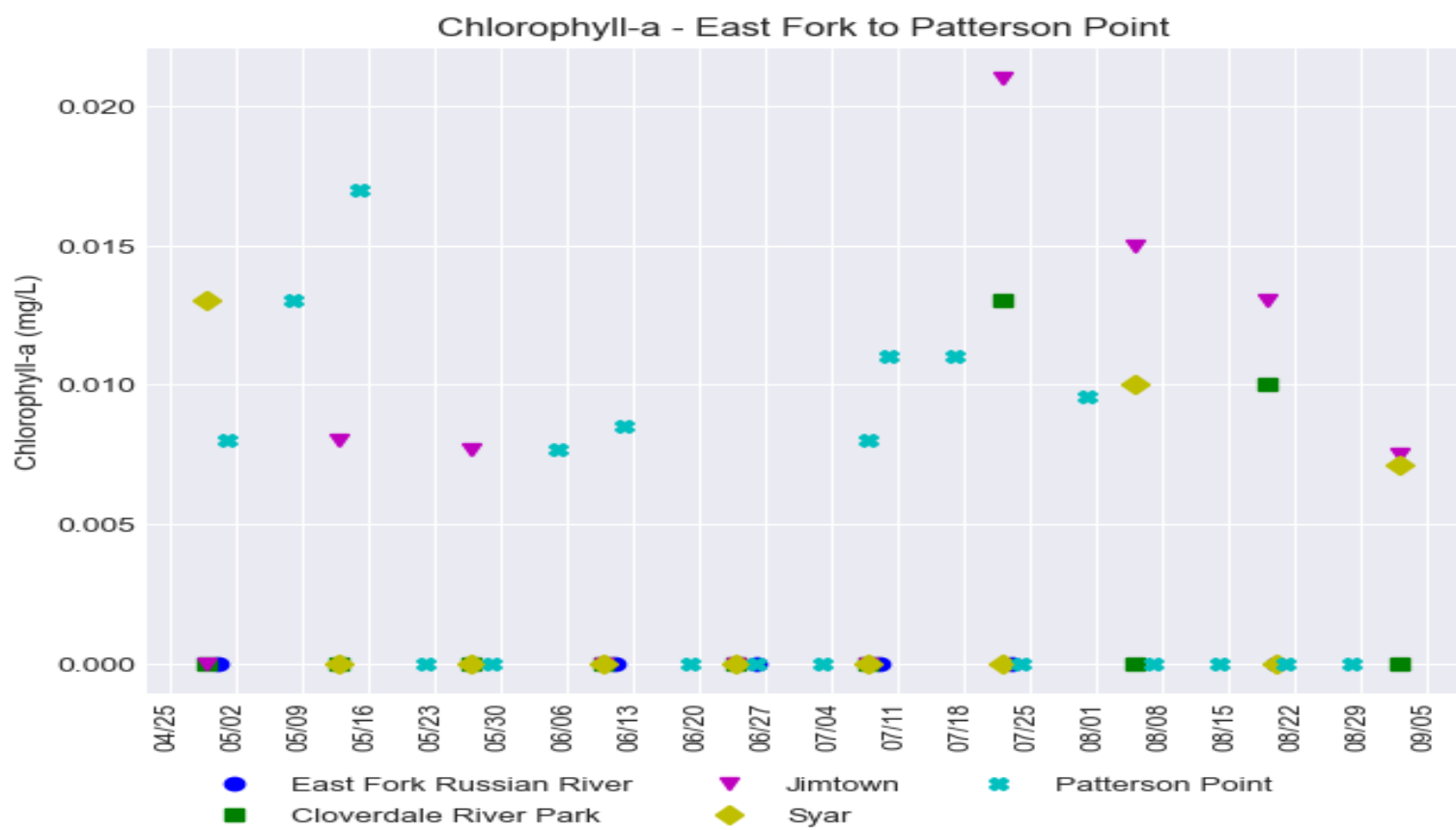
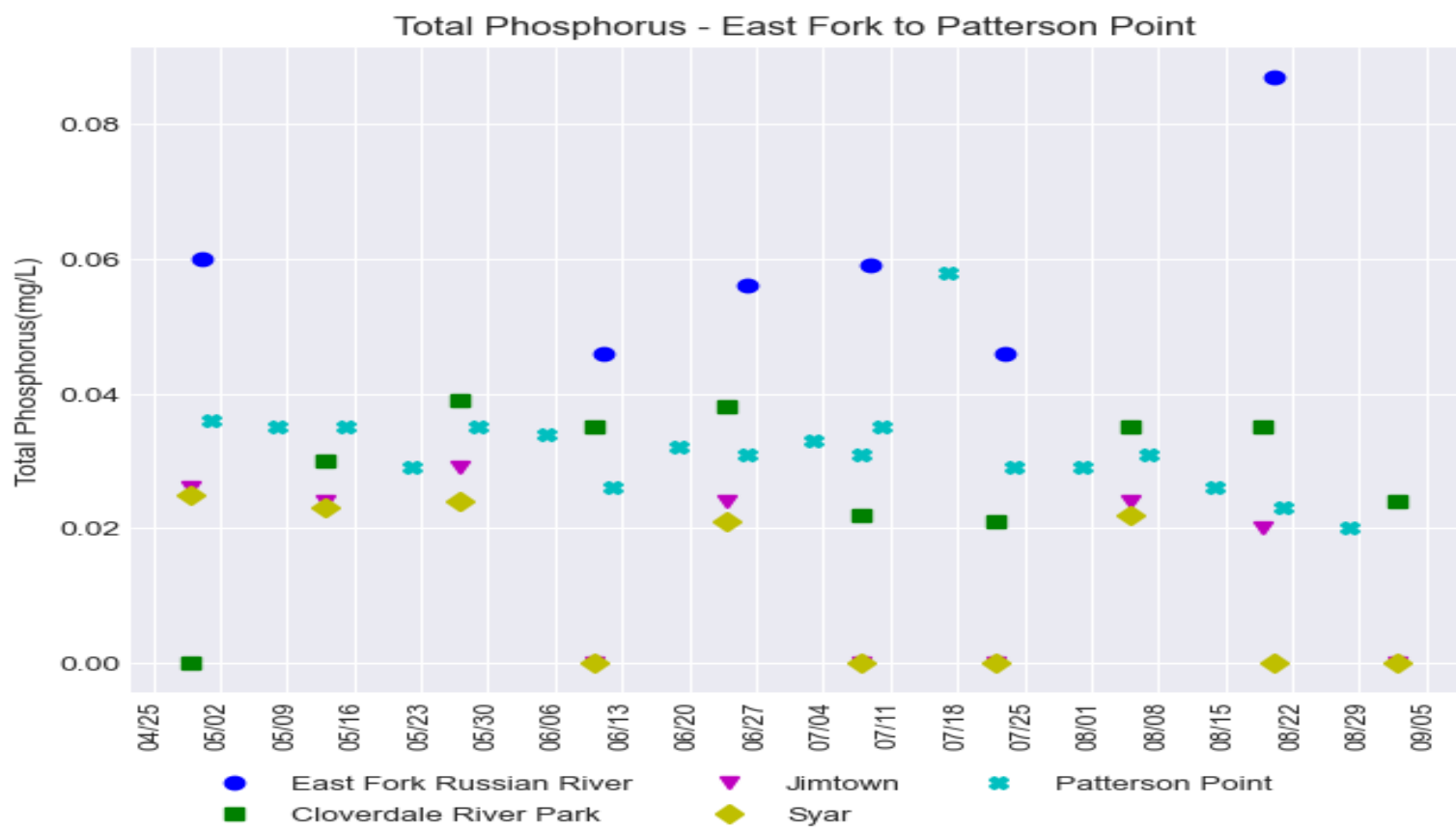
Russian River Water Quality Grab Samples

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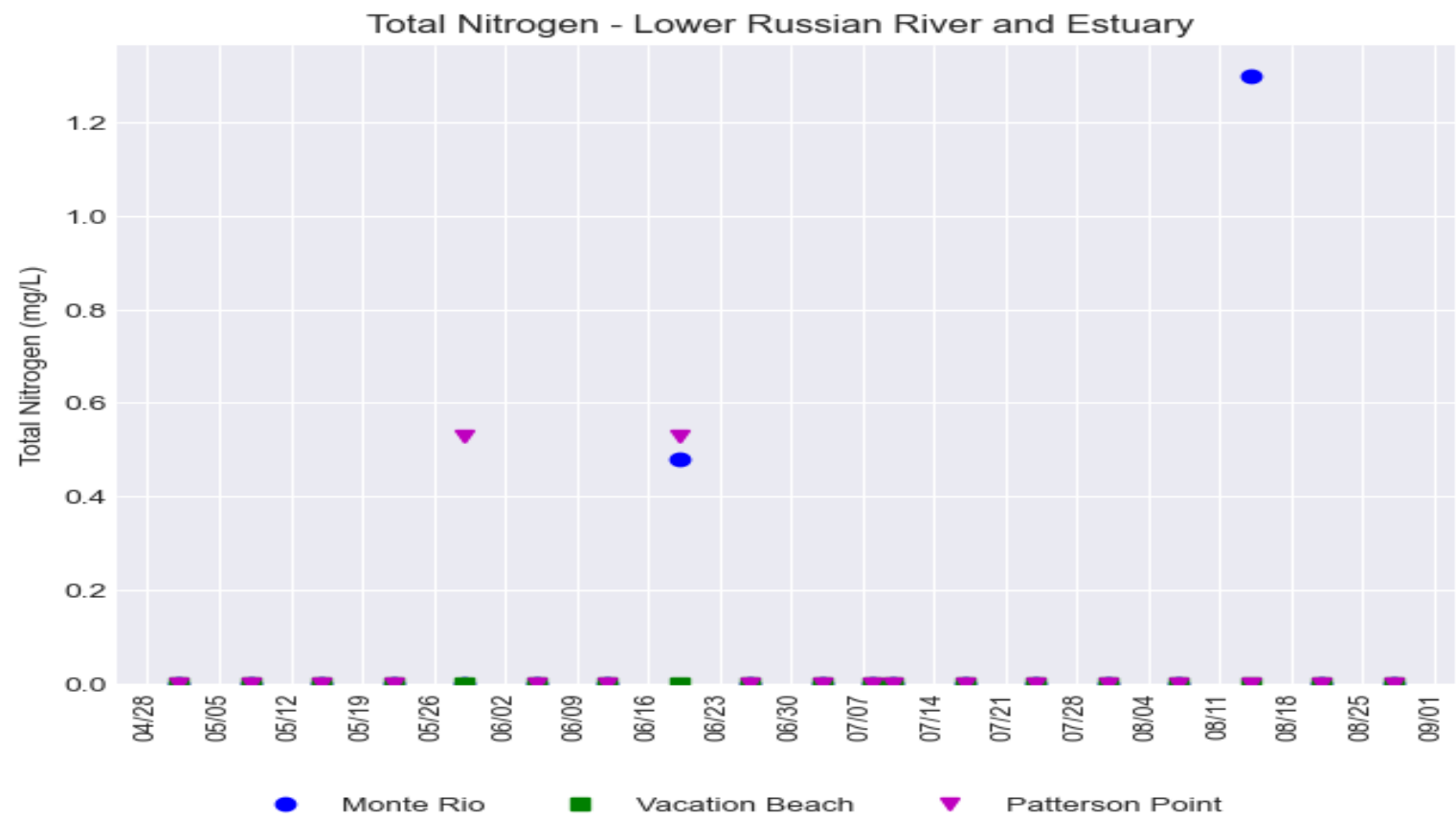
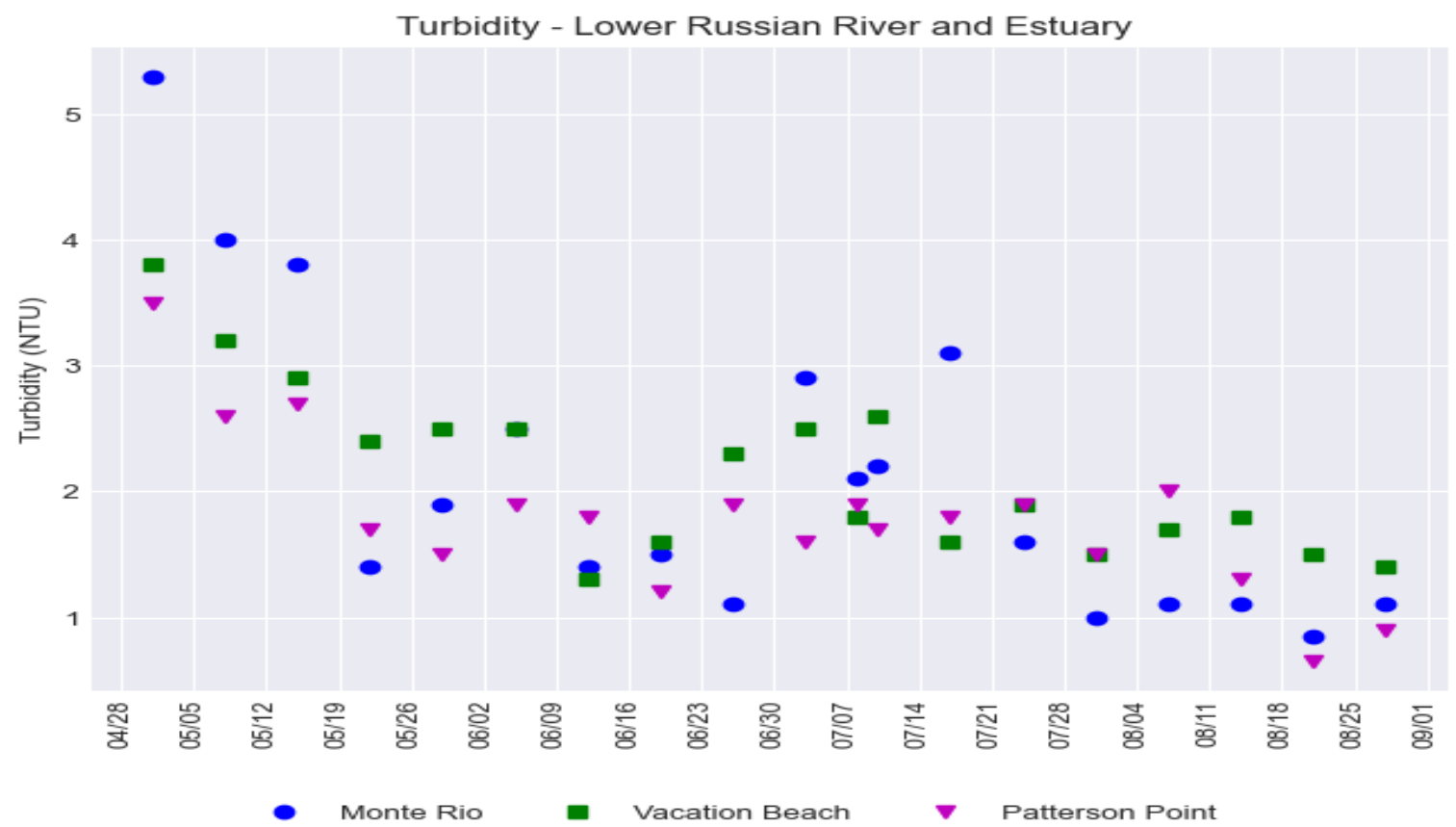
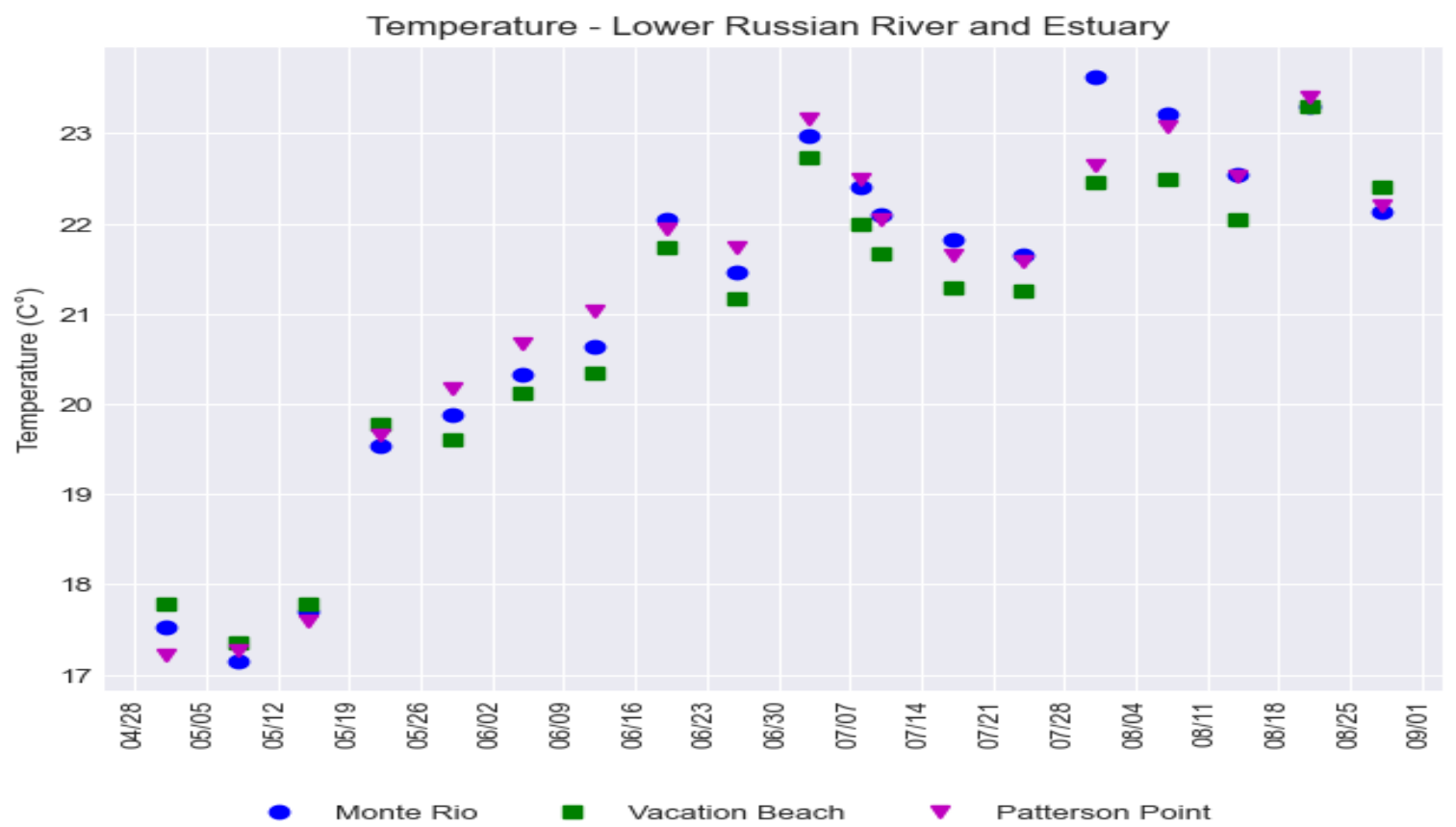


Russian River Water Quality Grab Samples

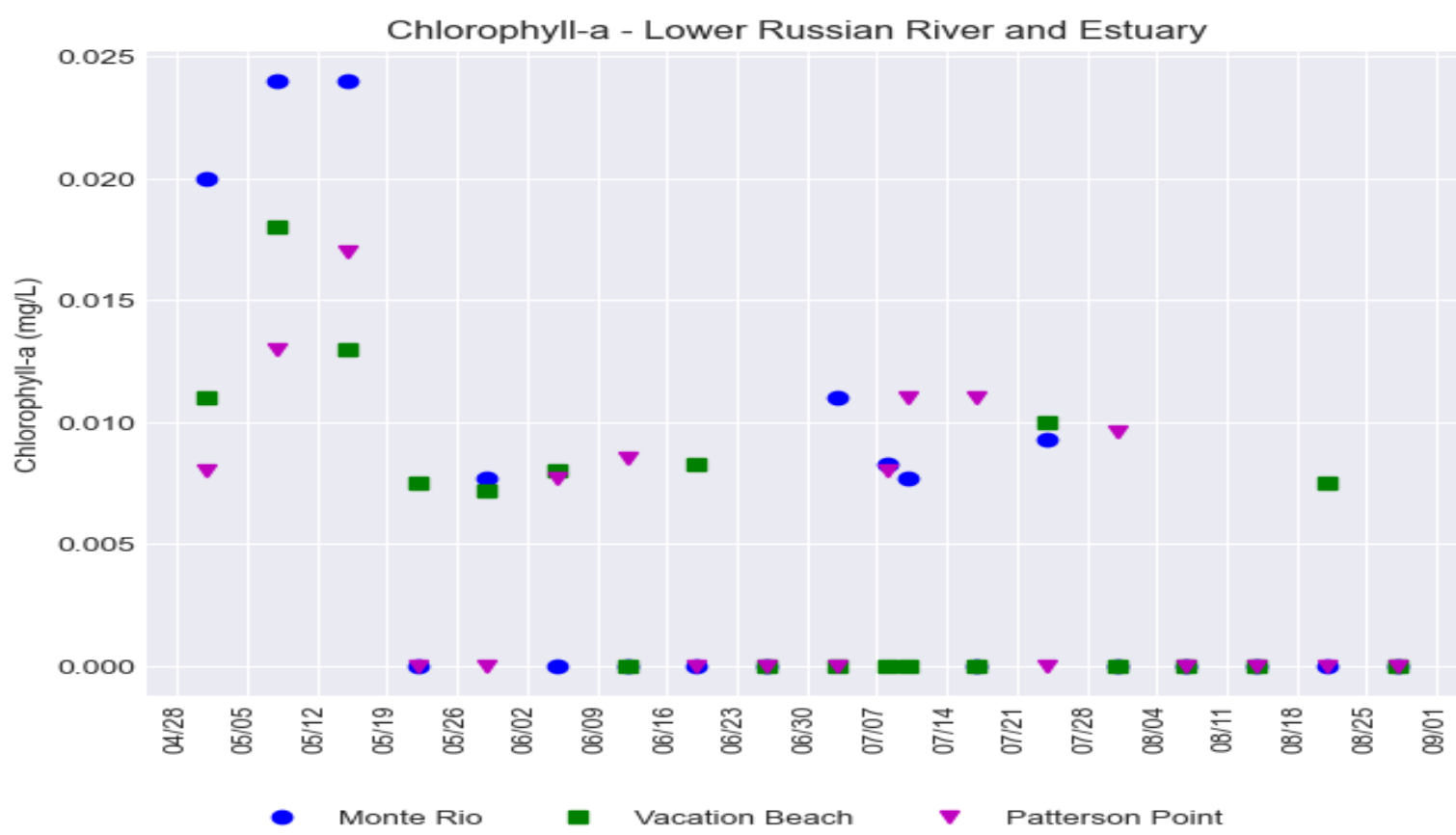
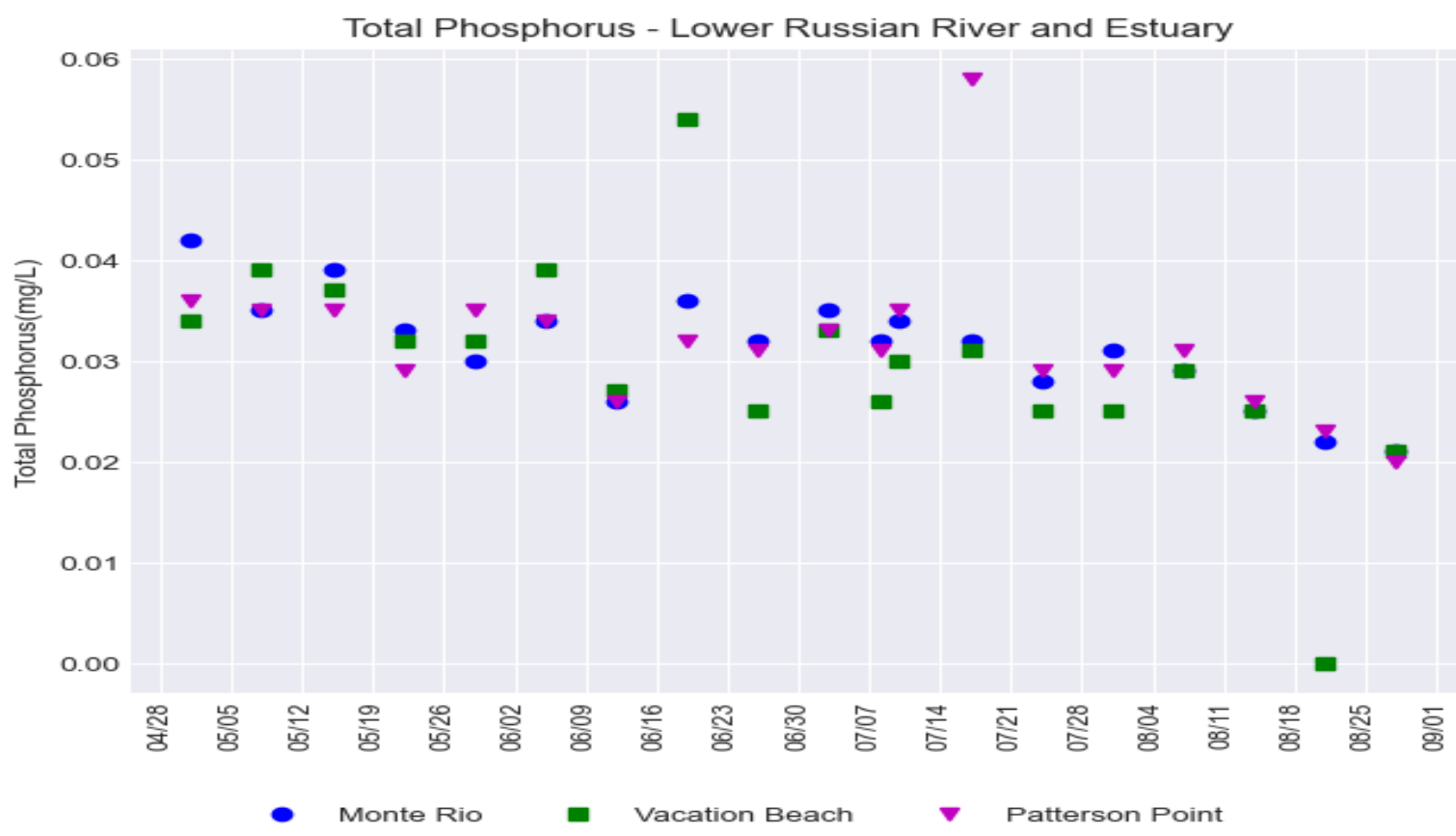
Provisional Data Subject to Revision



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 24 - September 11, 2025)
Provisional Data Subject to Revision

Russian River Estuary Standard Bacterial Indicators

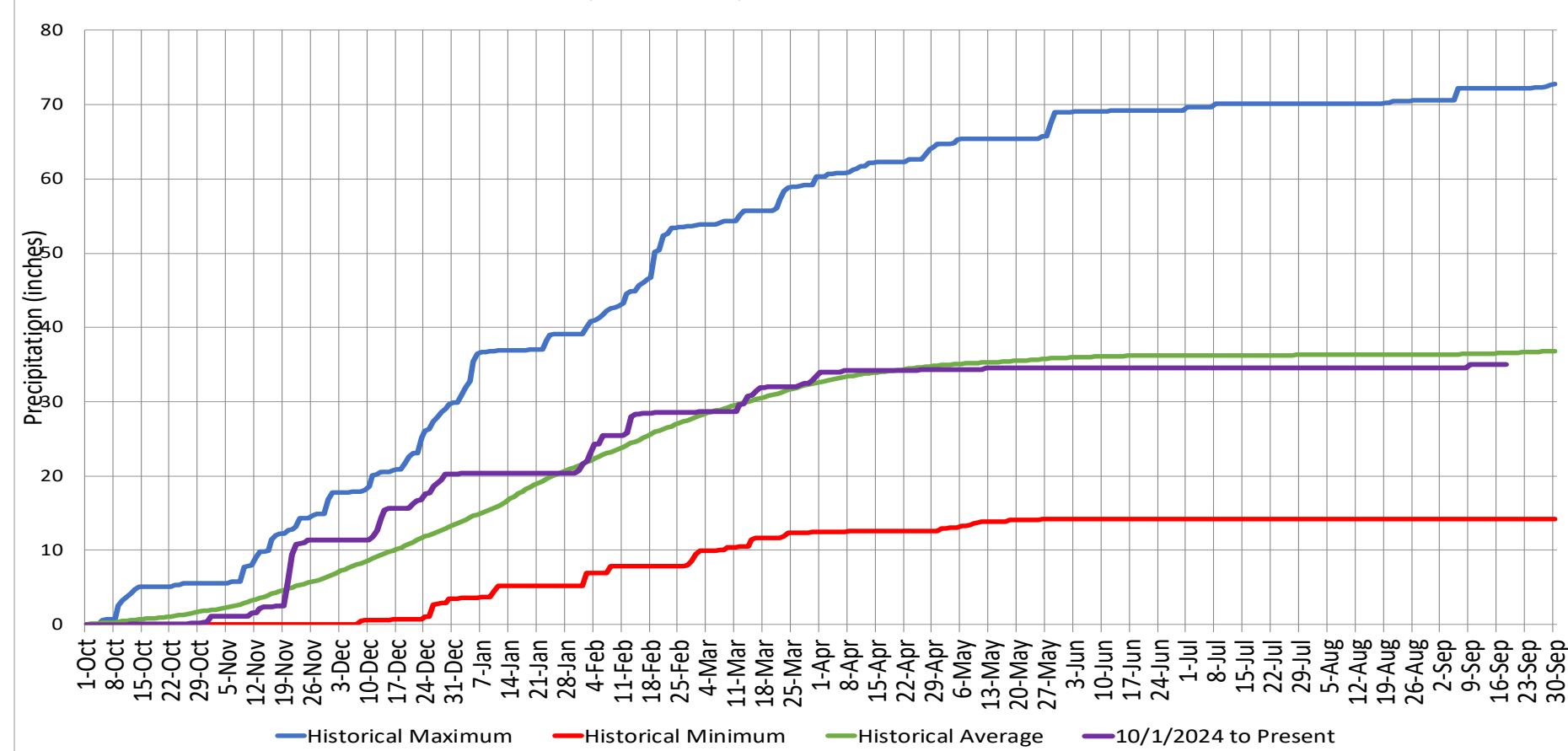
Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	7/24/2025	2382**	1850**	1211**
		7/31/2025	1732.9	1732.9	1413.6
		8/7/2025	1722**	1515**	1396**
		8/14/2025	1732.9	1413.6	1986.3
		8/21/2025	1732.9	1413.6	1553.1
		8/28/2025	1413.6	2419.6	1299.7
		9/4/2025	1299.7	1119.9	1986.3
		9/11/2025	1046.2	866.4	1046.2
E. Coli MPN/100 mL	235	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
		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
Enterococcus MPN/100 mL****	61	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
		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

*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 18, 2025	35.19
Last 7 Days*	0.01

Cumulative Precipitation Comparison of Current Year versus Historic Record



Global Forecast System Model 16-day Cumulative Precipitation Forecast

