



Sonoma
Water

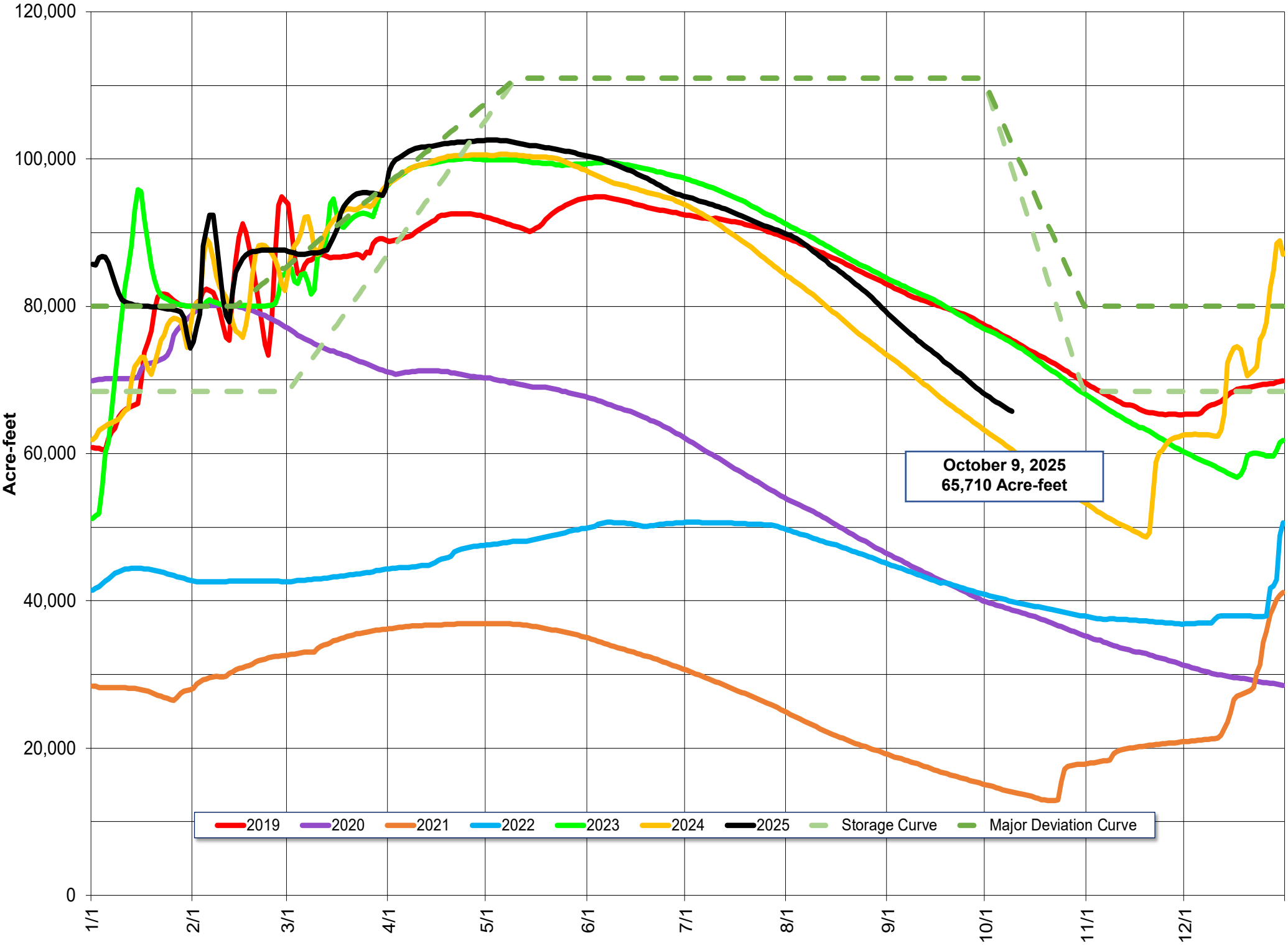
State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
October 3, 2025 - October 9, 2025

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 9, 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



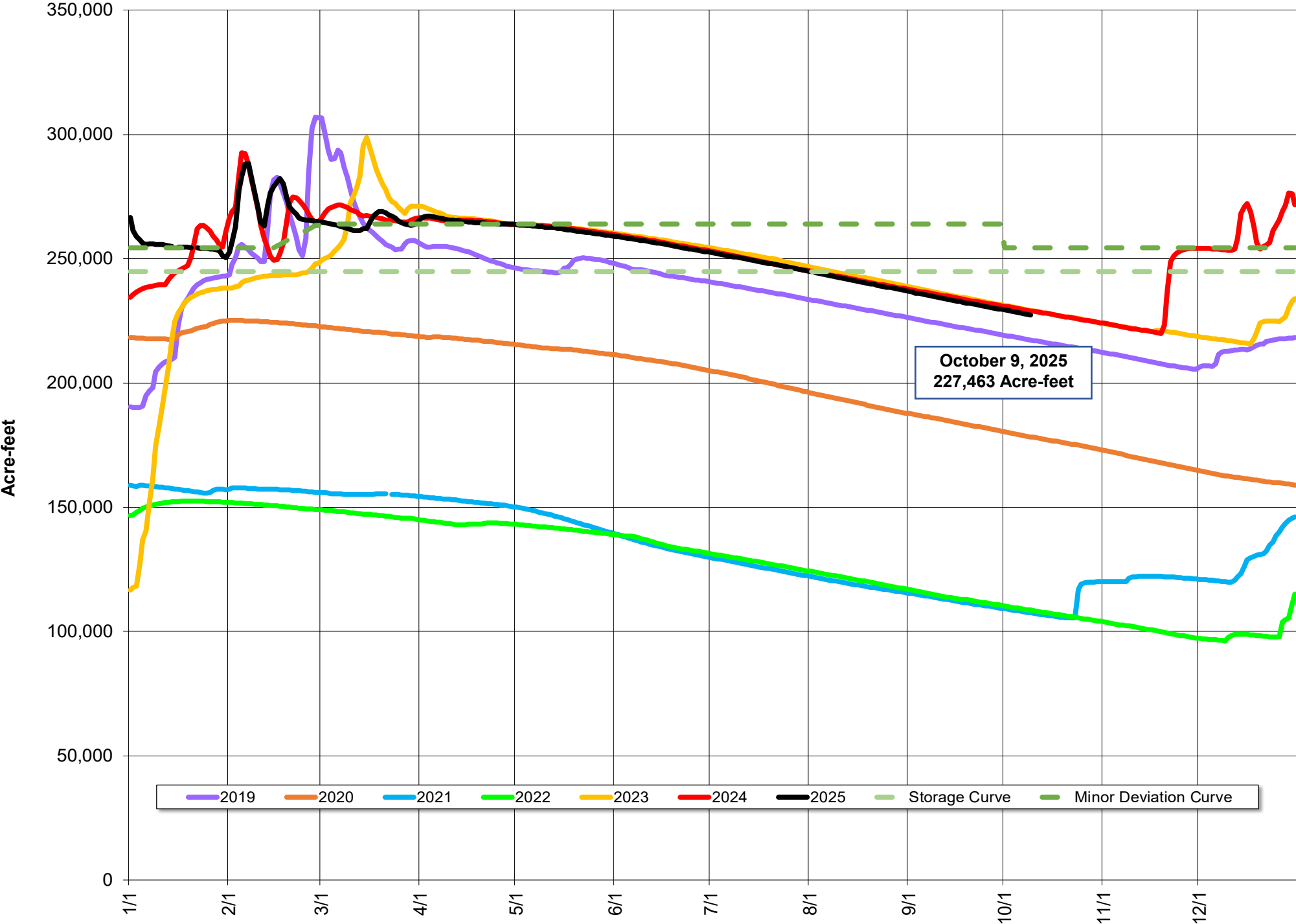
Storage (acre-feet)	October 9, 2025	65,710	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-10,123	-337
	Last 7 days	-1,601	-229
Daily Inflow (cfs)	Last 7 days	Min	12
		Max	28
		Mean	18
Release (cfs)	Last 7 days	Min	139
		Max	162
		Mean	147

Lake Sonoma



Todd Schram, February 10 , 2024

Lake Sonoma Storage 2019-2025



Storage (acre-feet)	October 9, 2025	227,463	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,356	-245
	Last 7 days	-1,459	-208
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	16
		Mean	5
Release (cfs)	Last 7 days	Min	111
		Max	118
		Mean	115

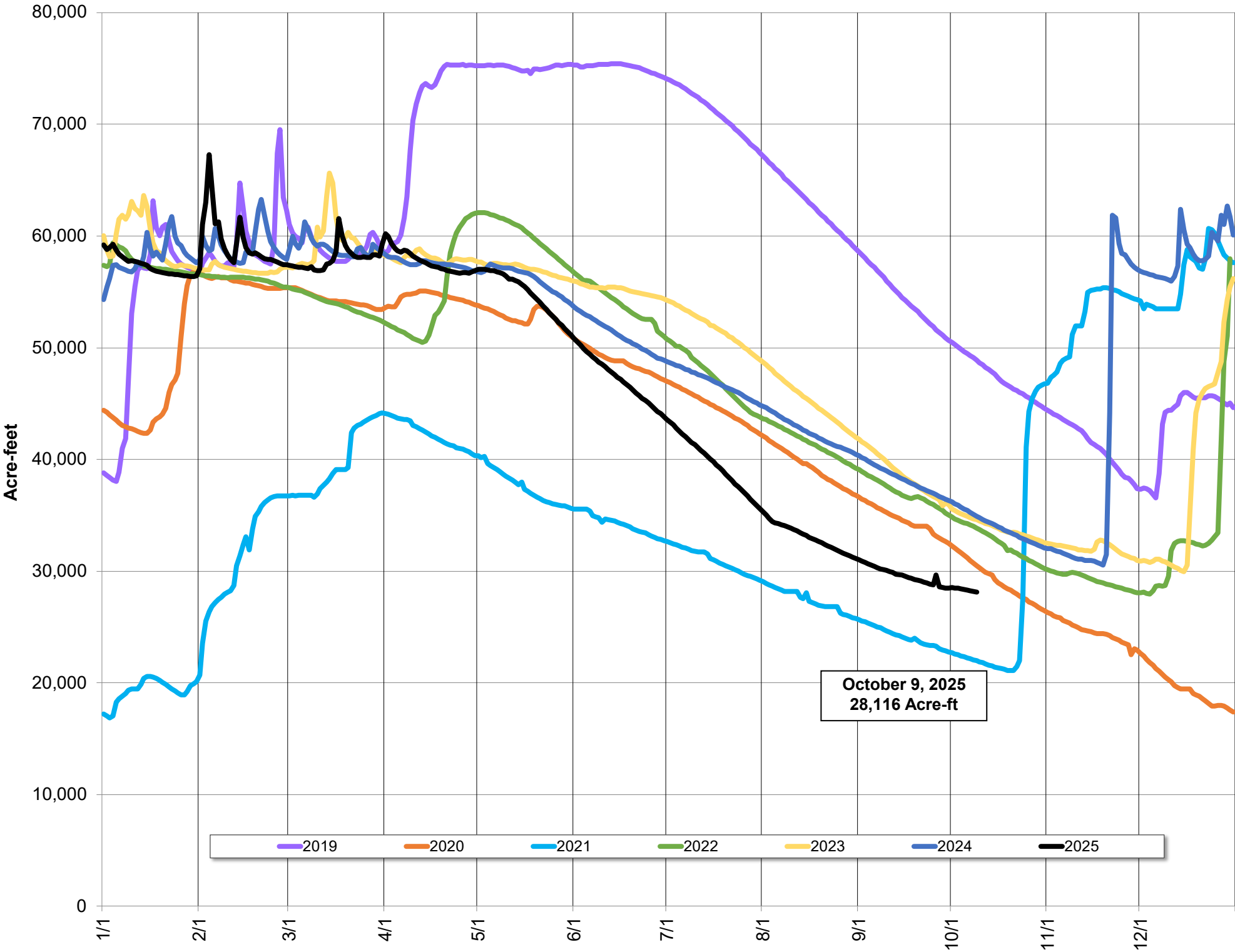
Potter Valley Project

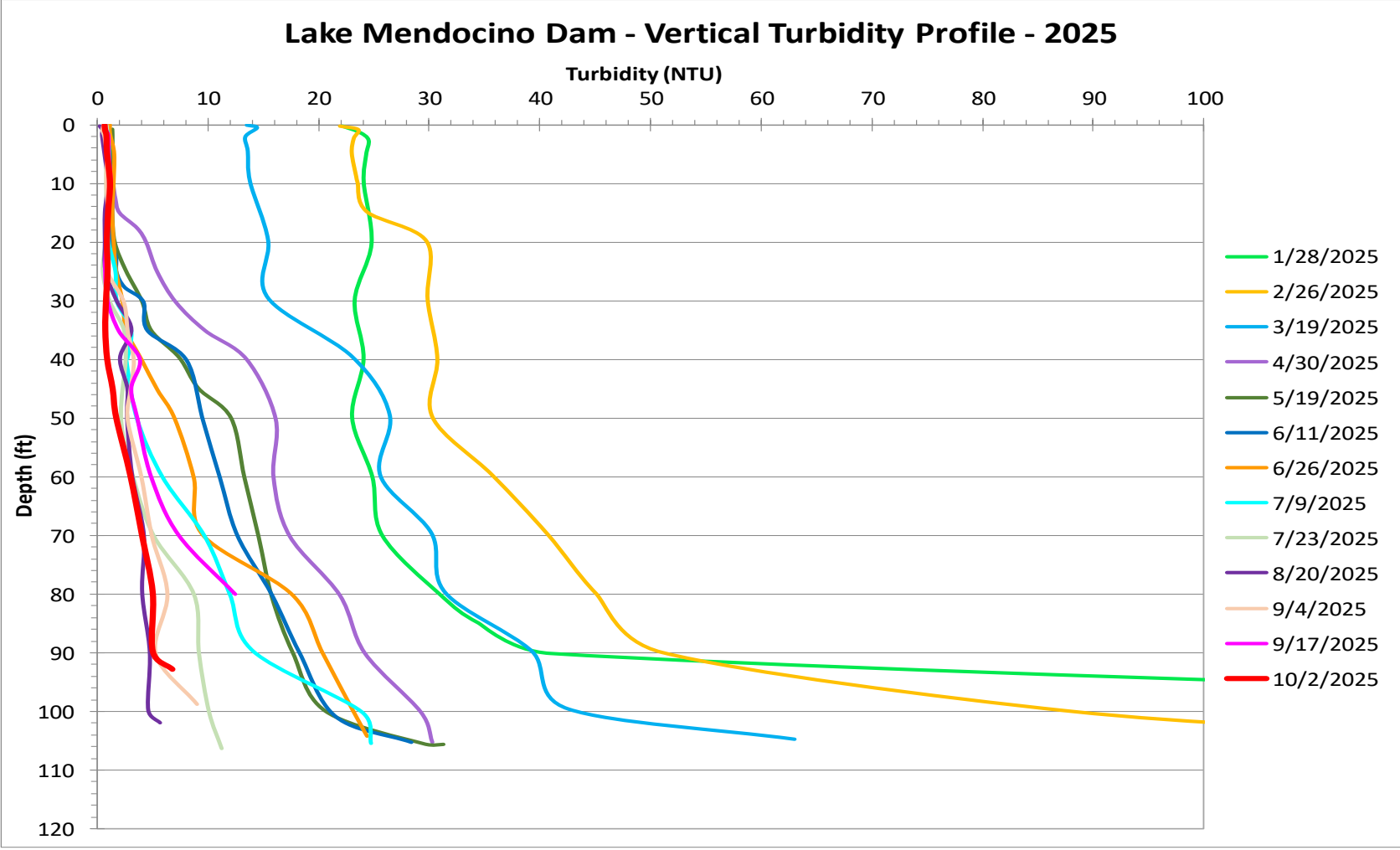
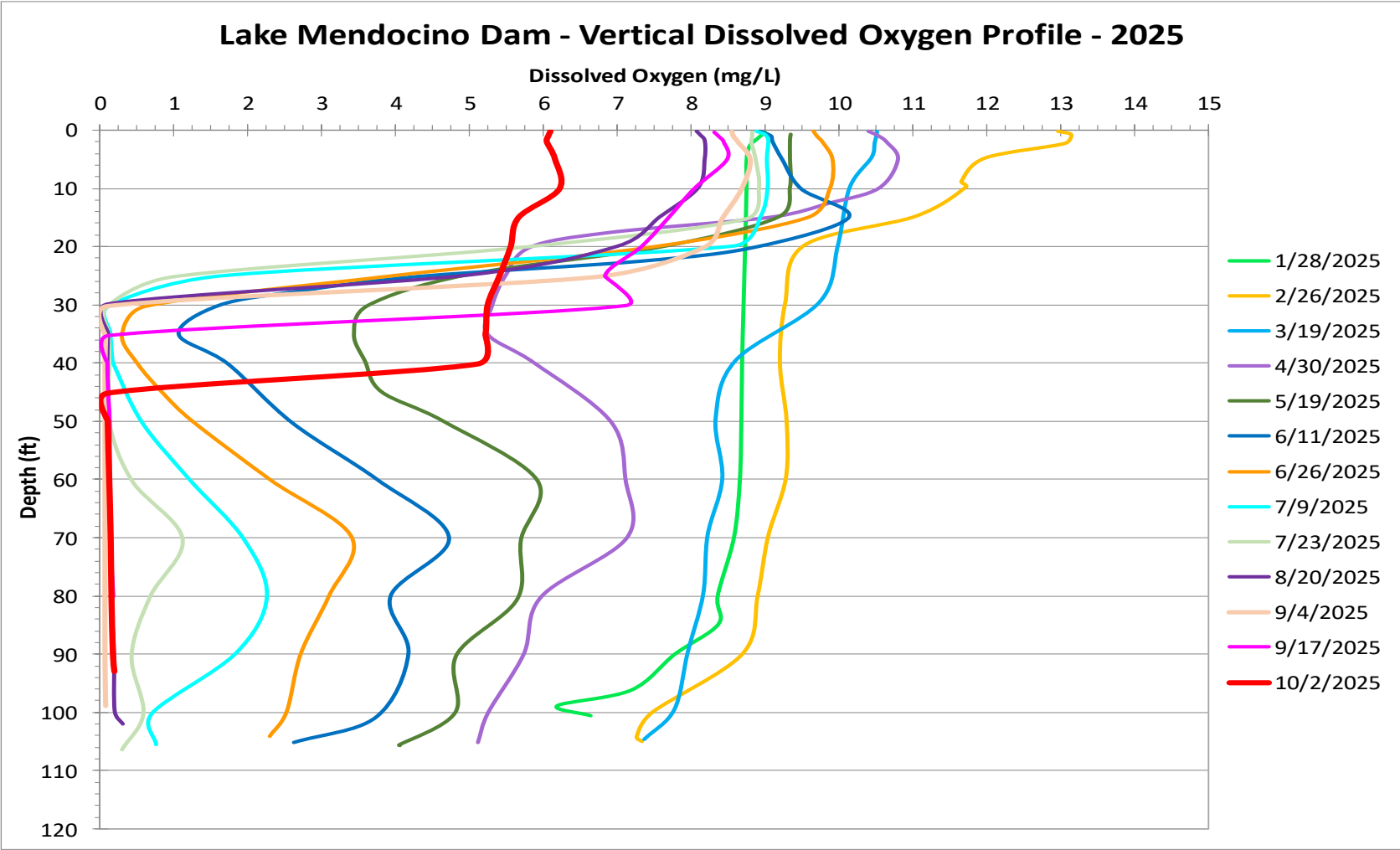
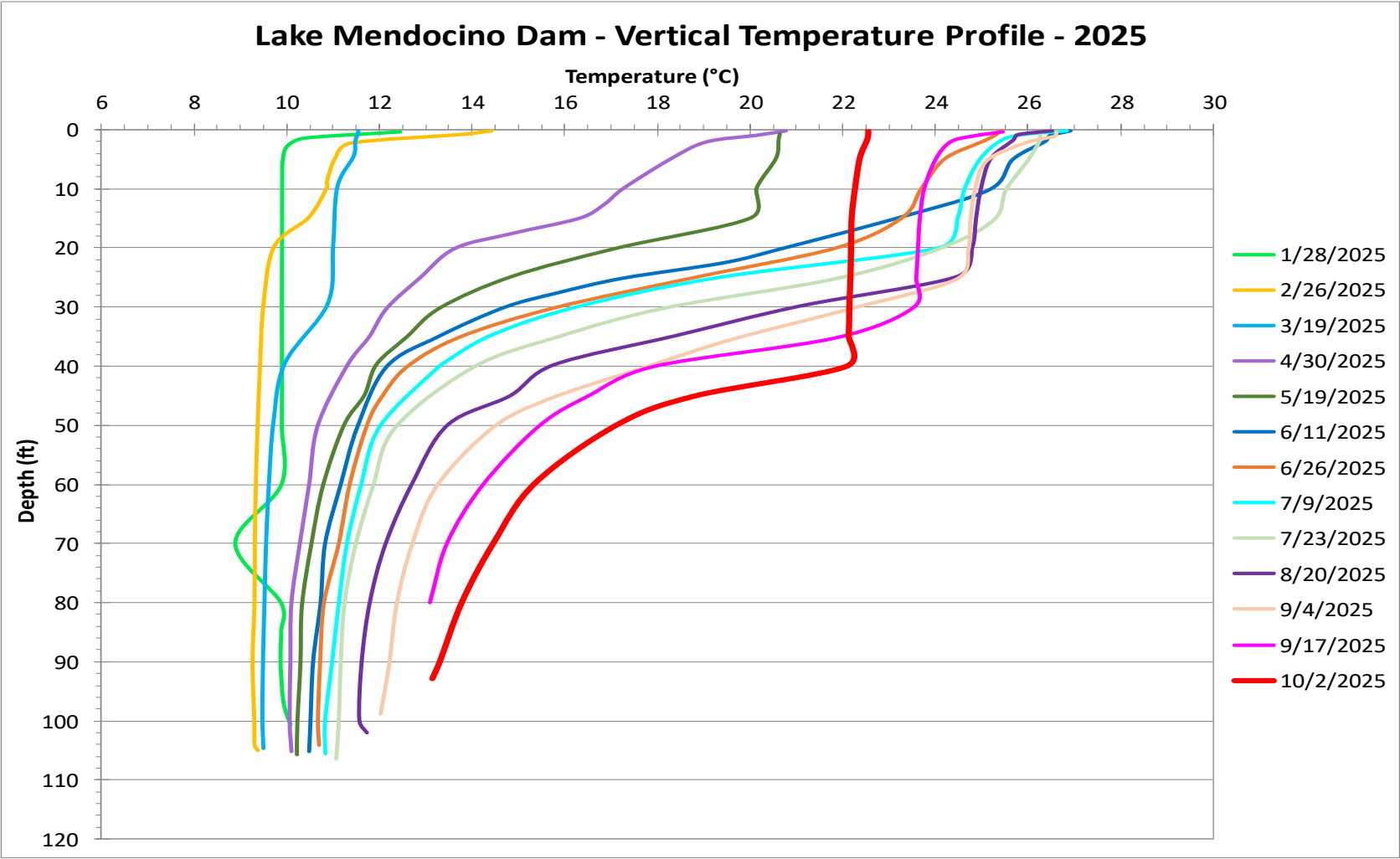
PVP Diversion (cfs)	October 9, 2025	20
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - October 9, 2025	489	54
	Last 7 days	349	50

*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2019 - 2025

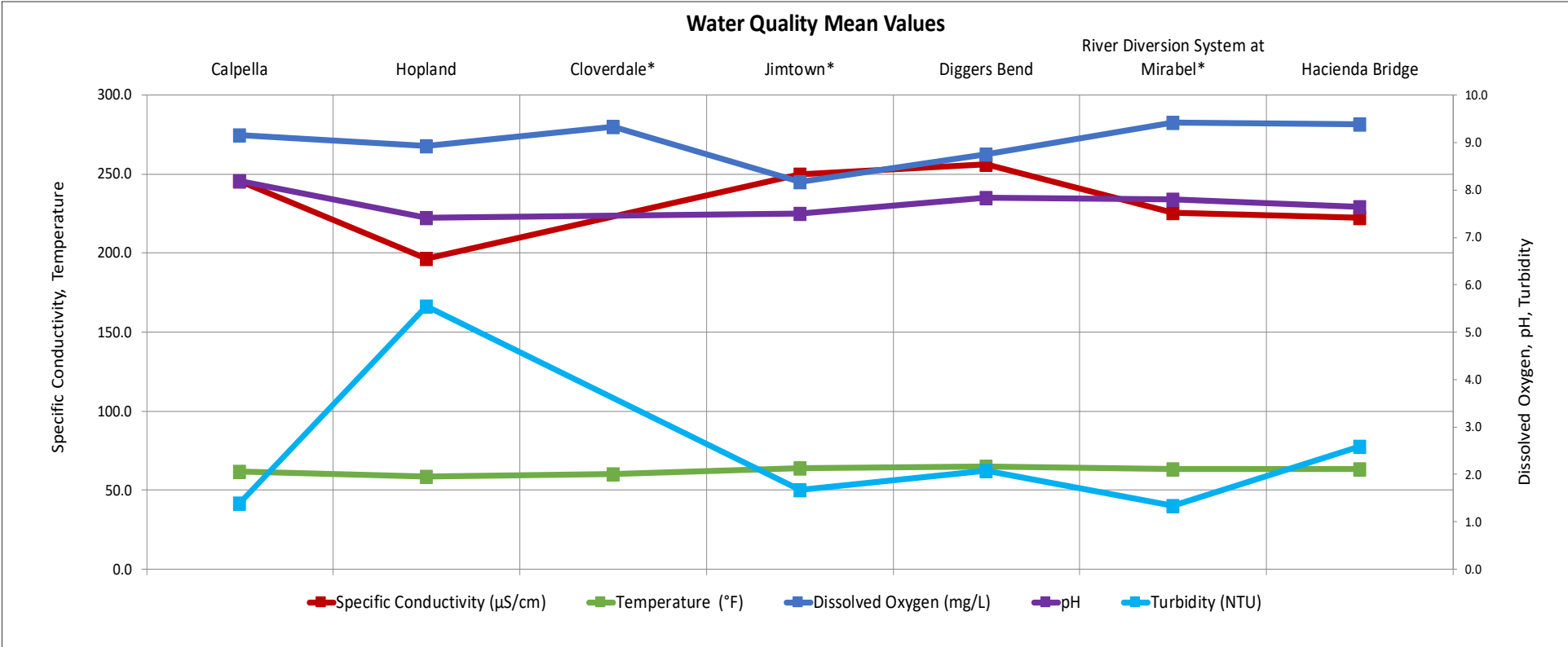




Russian River Flows (October 3, 2025 - October 9, 2025)

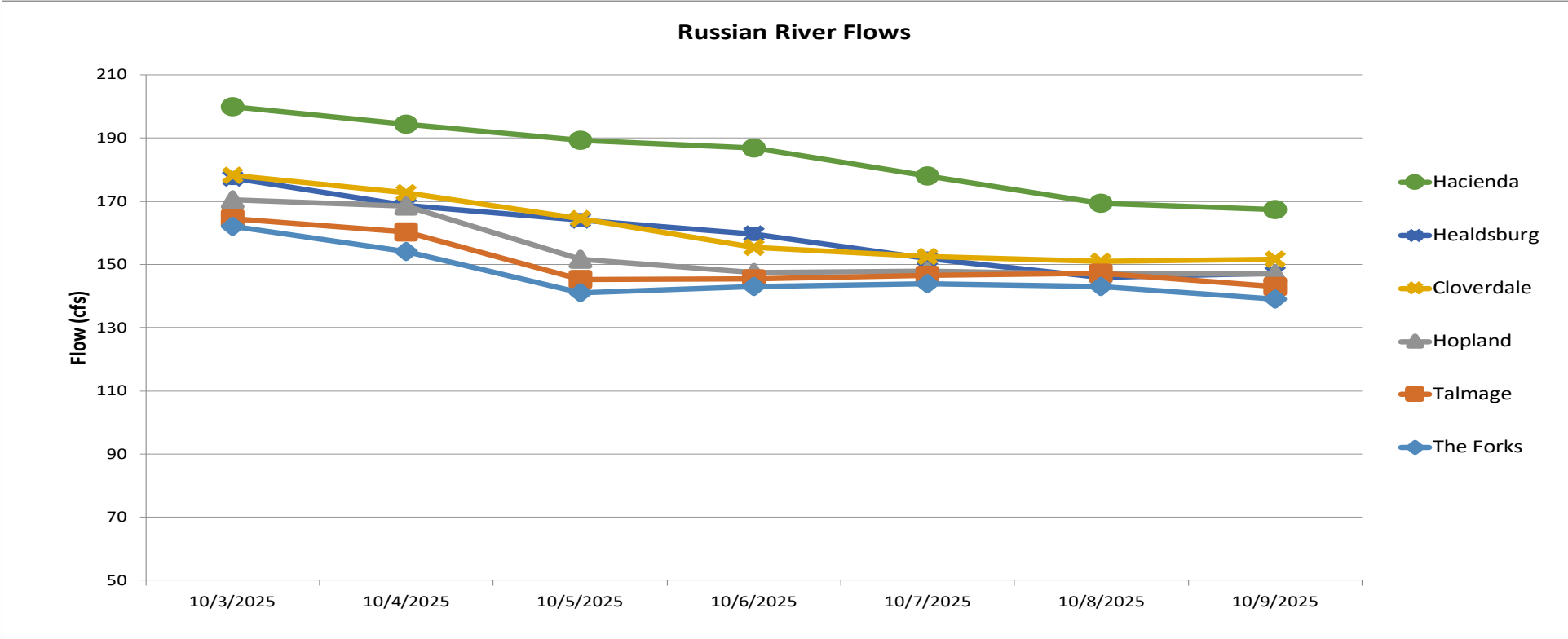
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	58.5	57.2	58.5	62.4	62.4	62.3	61.5	
	Max	64.2	60.4	62.8	66.7	67.8	64.1	65.8	
	Mean	61.5	58.8	60.2	64.1	65.1	63.3	63.6	
Specific Conductivity (µS/cm)	Min	235.0	191.0		236.0	247.0	223.0	216.0	
	Max	253.0	199.0		261.0	268.0	230.0	226.0	
	Mean	245.7	196.6		250.0	256.5	225.5	222.2	
Dissolved Oxygen (mg/L)	Min	8.7	8.6	8.6	7.2	7.7	8.8	8.6	
	Max	9.9	9.4	10.6	9.7	10.4	9.8	10.3	
	Mean	9.2	8.9	9.3	8.2	8.7	9.4	9.4	
Dissolved Oxygen (% Saturation)	Min	89.3	84.2	84.7	75.4	81.1	92.0	87.9	
	Max	101.8	93.8	109.5	102.6	114.2	103.1	110.5	
	Mean	93.6	88.4	94.0	86.1	93.3	98.3	98.3	
pH	Min	8.1	7.4		7.4	7.6	7.7	7.4	
	Max	8.3	7.5		7.7	8.2	7.9	7.9	
	Mean	8.2	7.4		7.5	7.8	7.8	7.6	
Turbidity (NTU)	Min	0.8	4.1		0.8	1.2	0.8	1.8	
	Max	2.2	7.3		3.7	3.2	13.2	4.0	
	Mean	1.4	5.5		1.7	2.1	1.3	2.6	

*Station operated seasonally



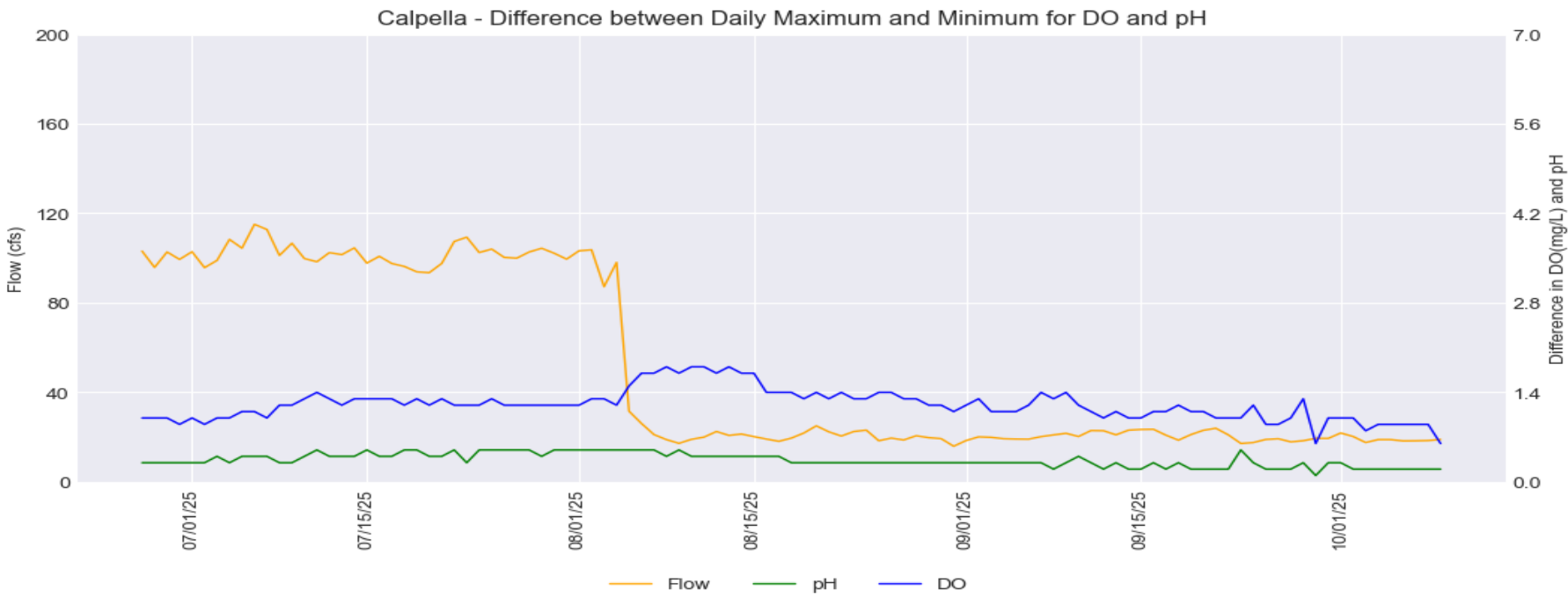
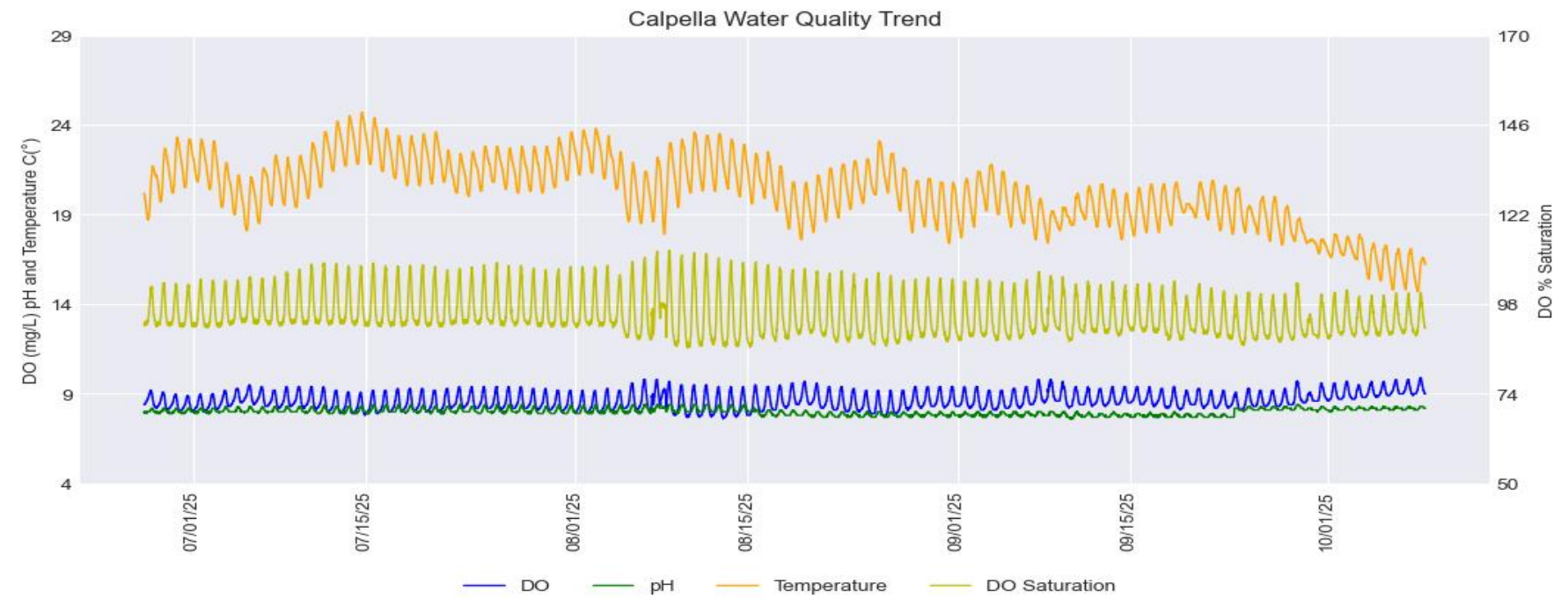
Gage	24-hr Average Flow (cfs)						
	Oct 3, 2025	Oct 4, 2025	Oct 5, 2025	Oct 6, 2025	Oct 7, 2025	Oct 8, 2025	Oct 9, 2025
The Forks*	162	154	141	143	144	143	139
Talmage USGS 11462080	164	160	145	145	147	147	143
Hopland USGS 11462500	171	169	152	148	148	147	147
Cloverdale USGS 11463000	178	173	165	155	153	151	152
Healdsburg USGS 11464000	177	169	164	160	152	146	147
Hacienda USGS 11467000	200	194	189	187	178	169	167

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

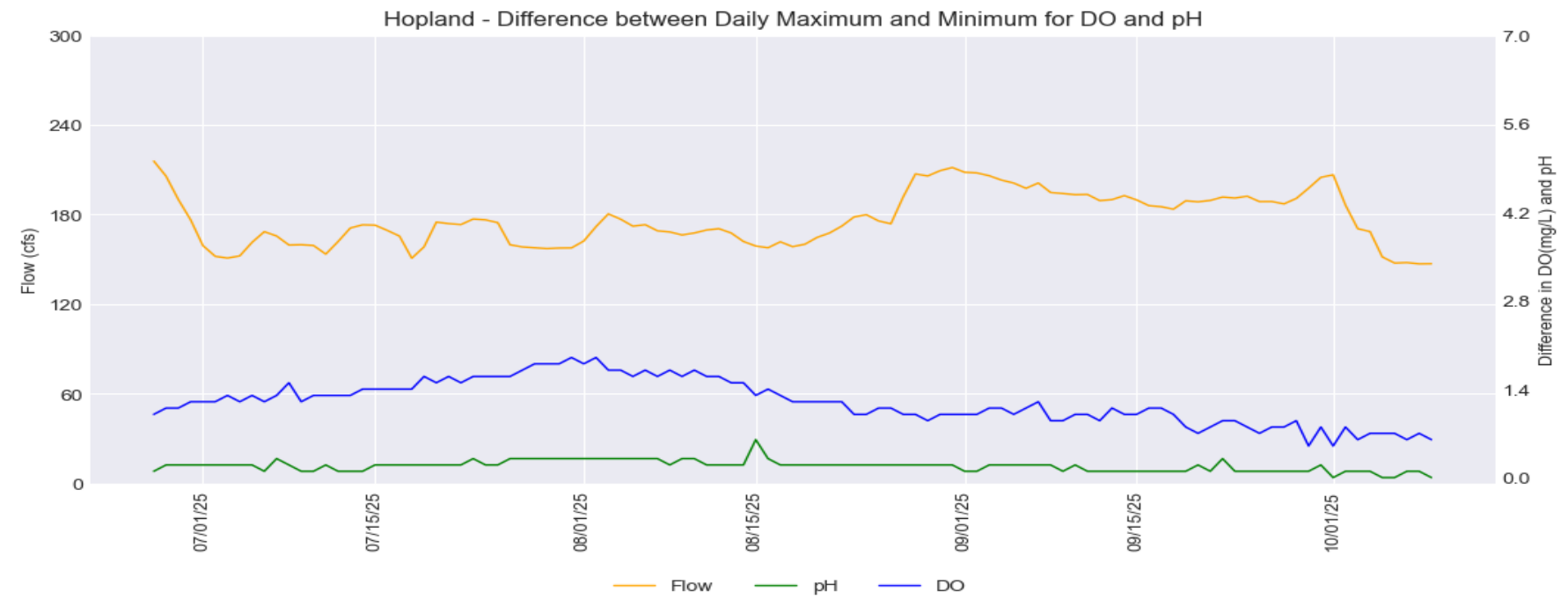
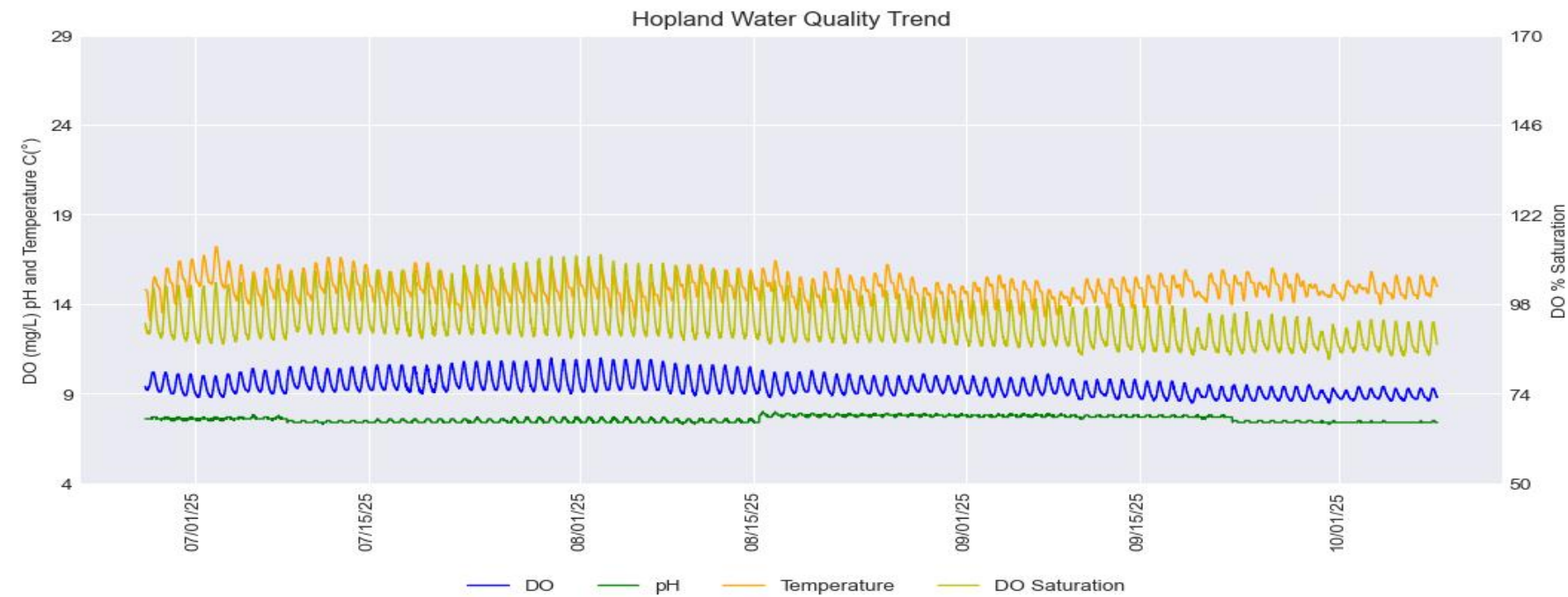


Russian River Water Quality June 27, 2025 – October 9, 2025
Provisional Data Subject to Revision

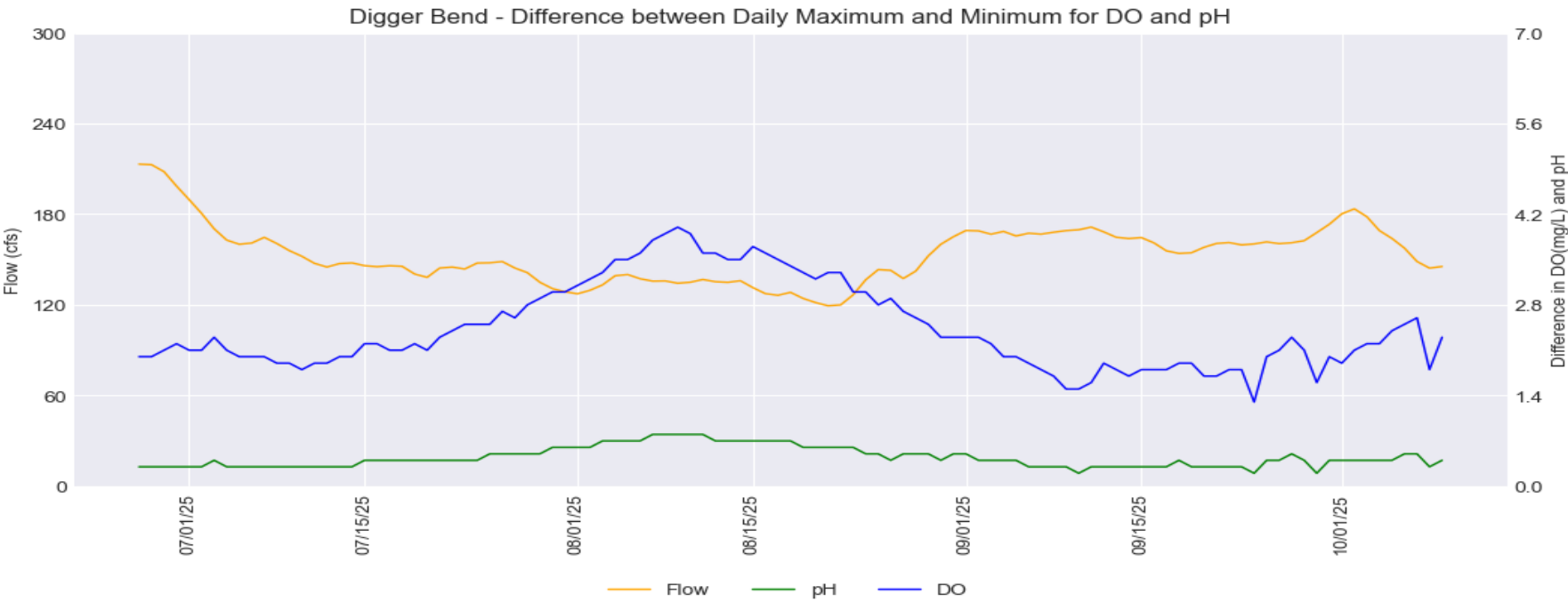
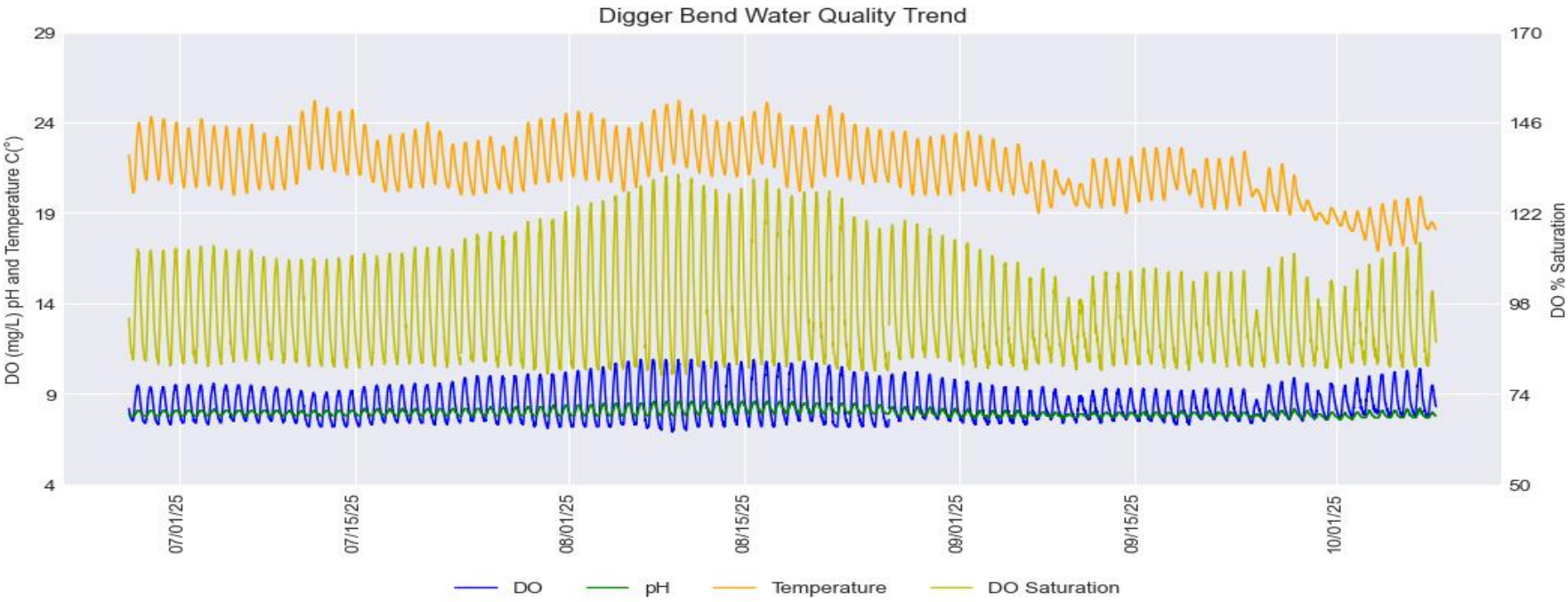
Calpella



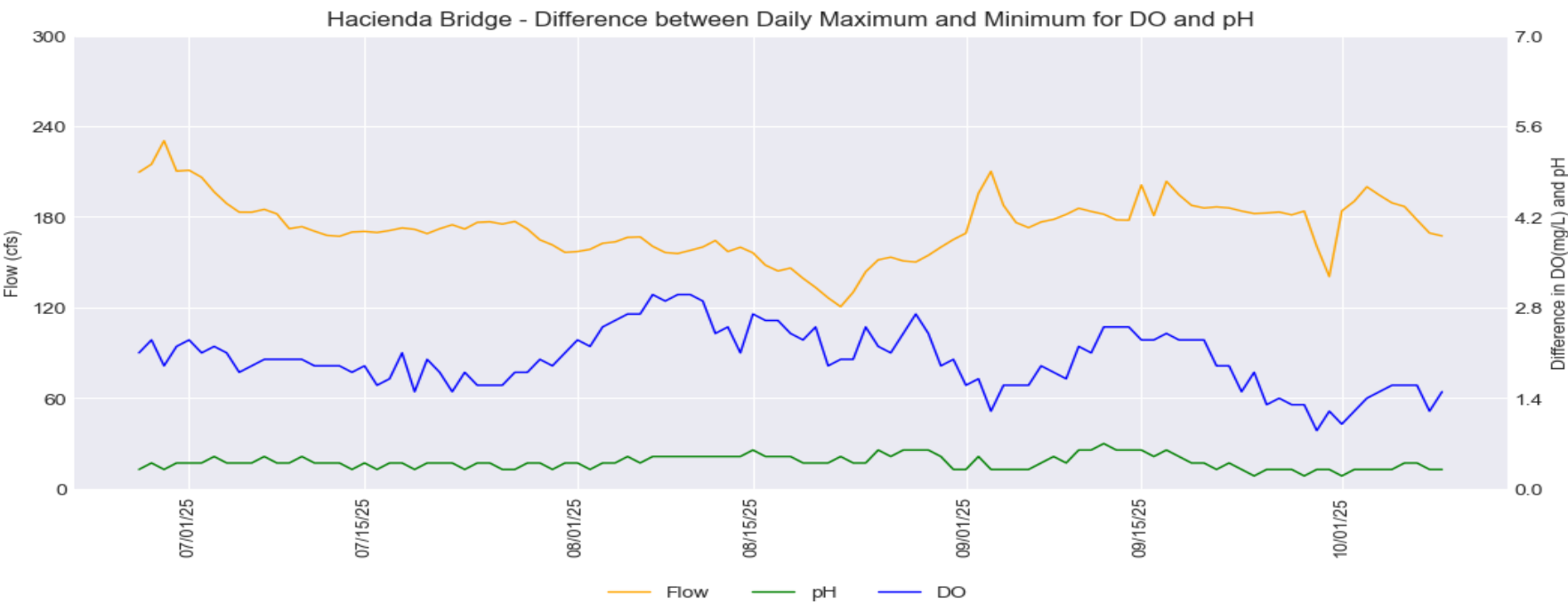
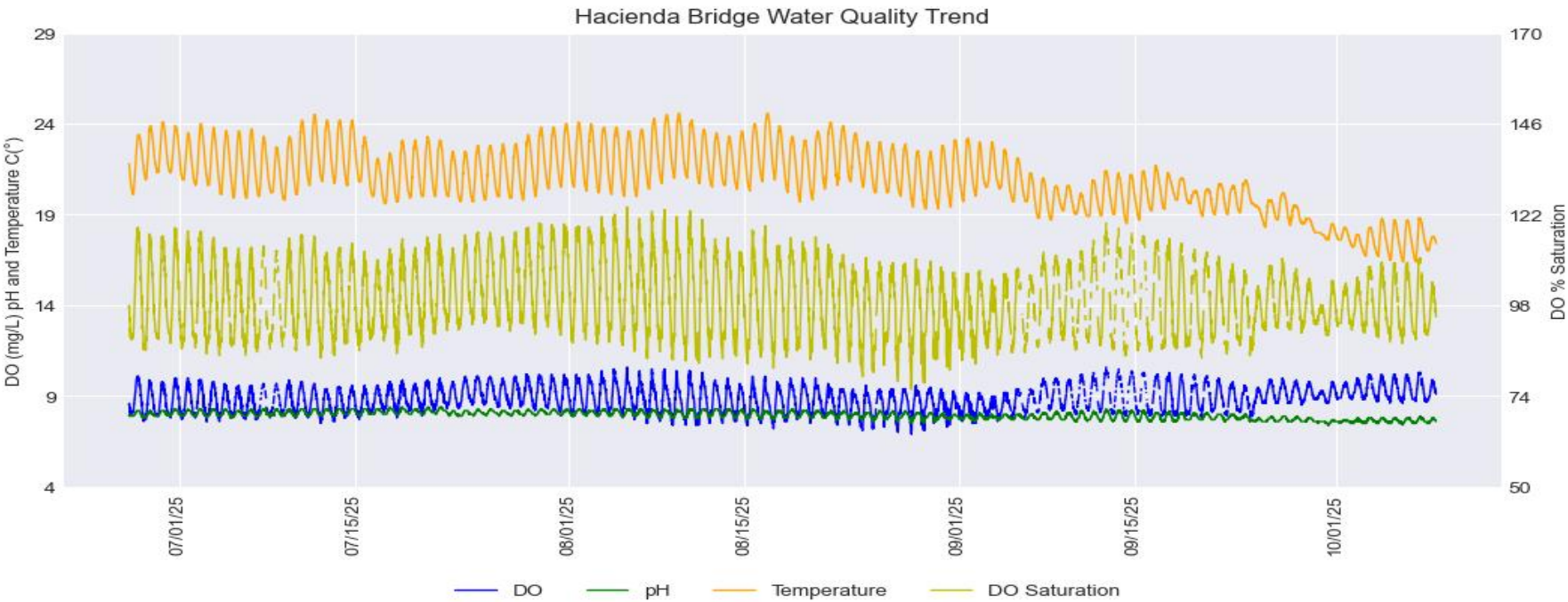
Hopland



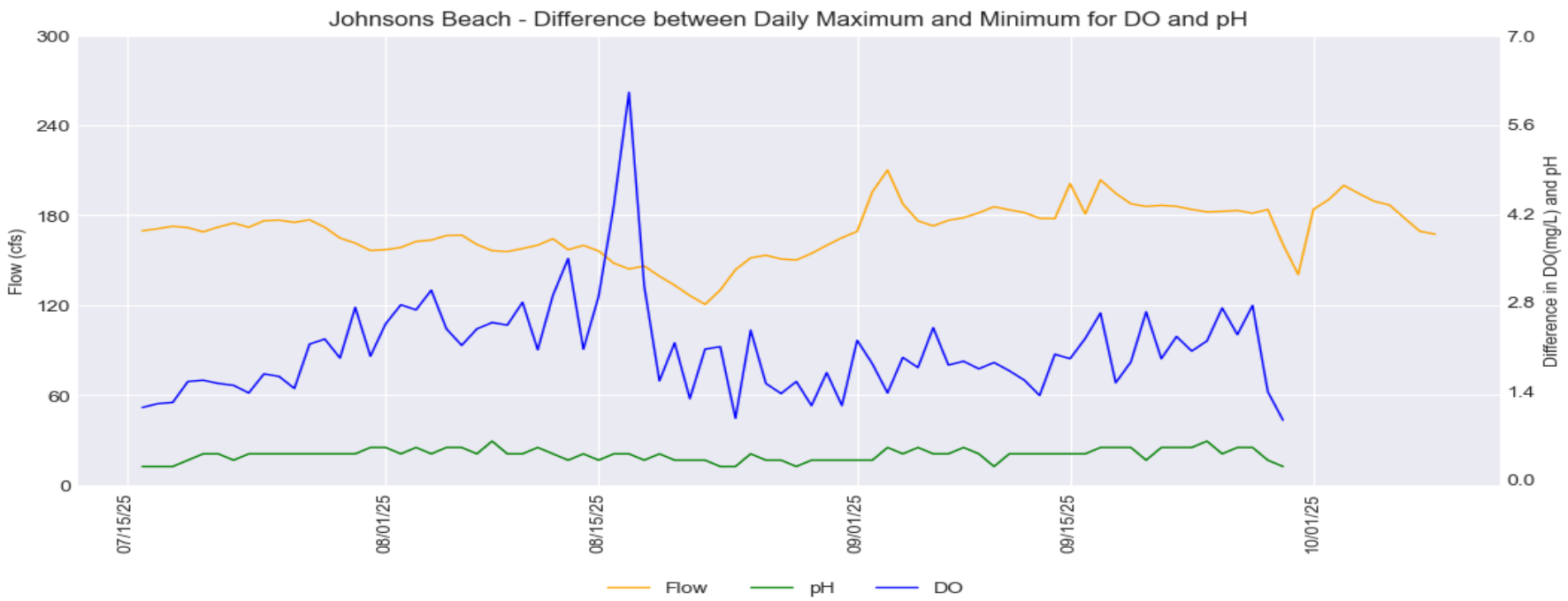
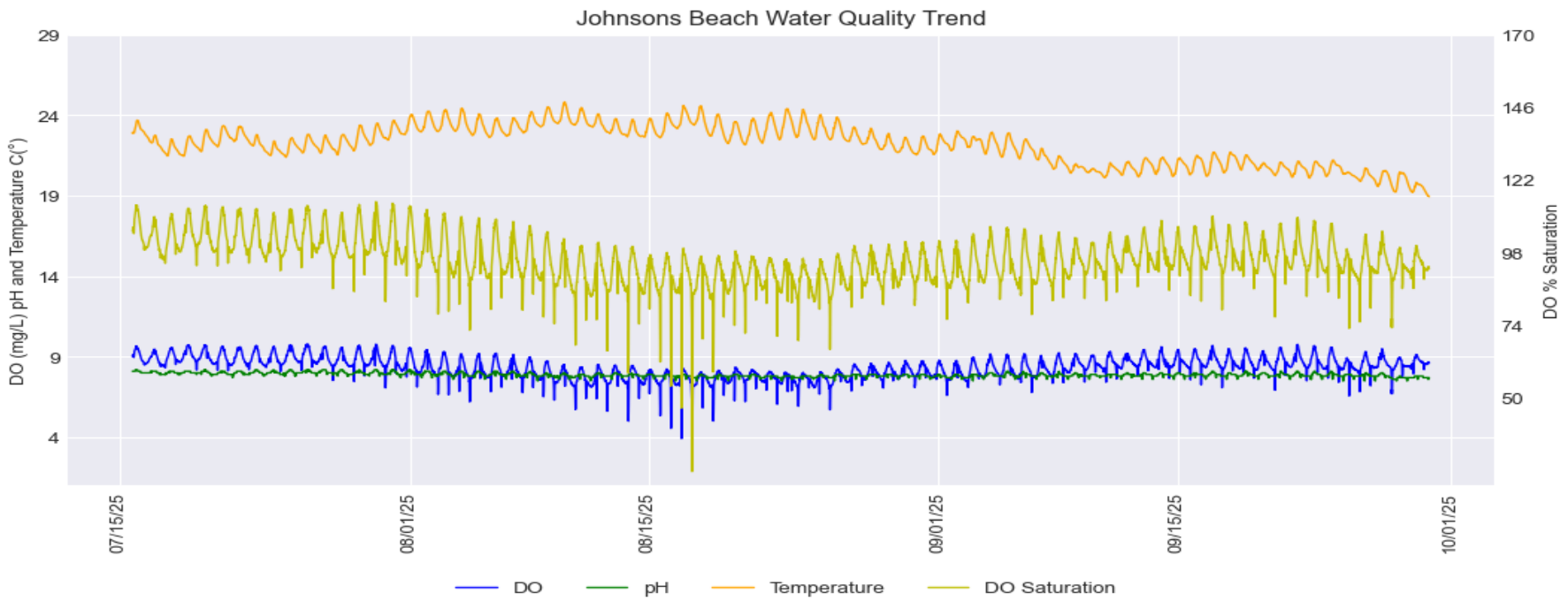
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Digger Bend



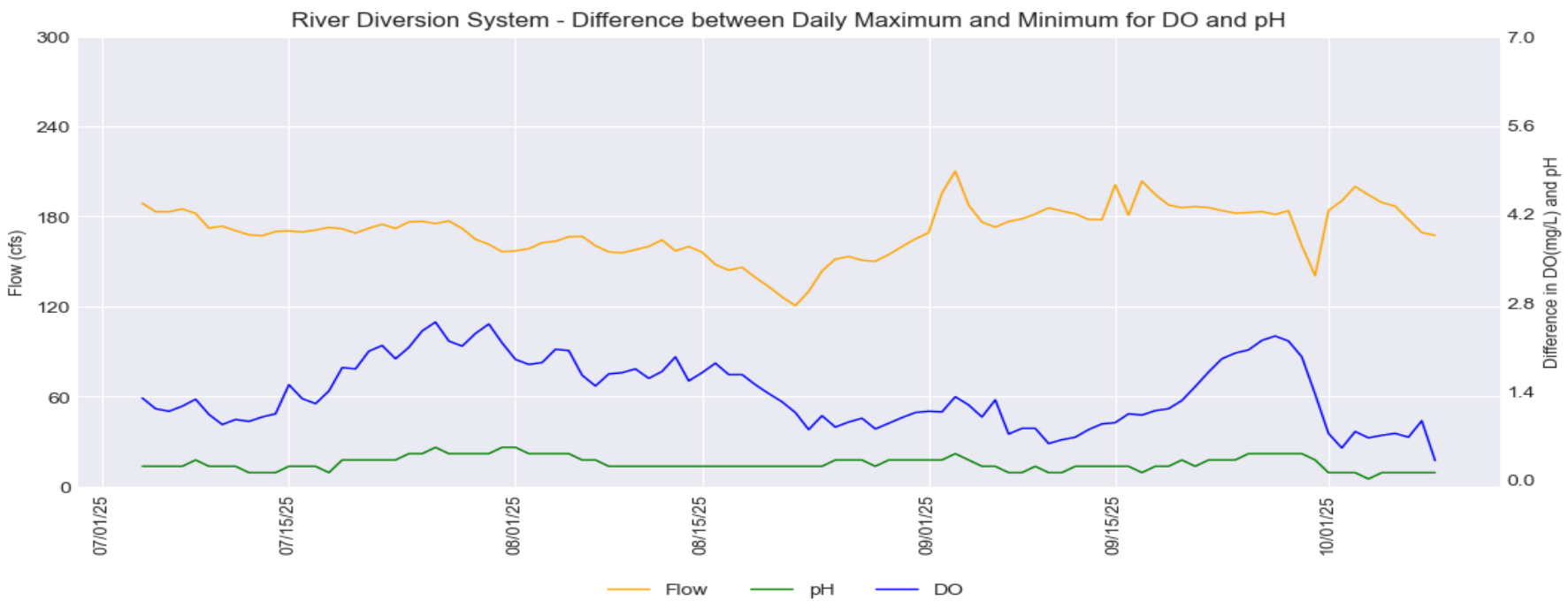
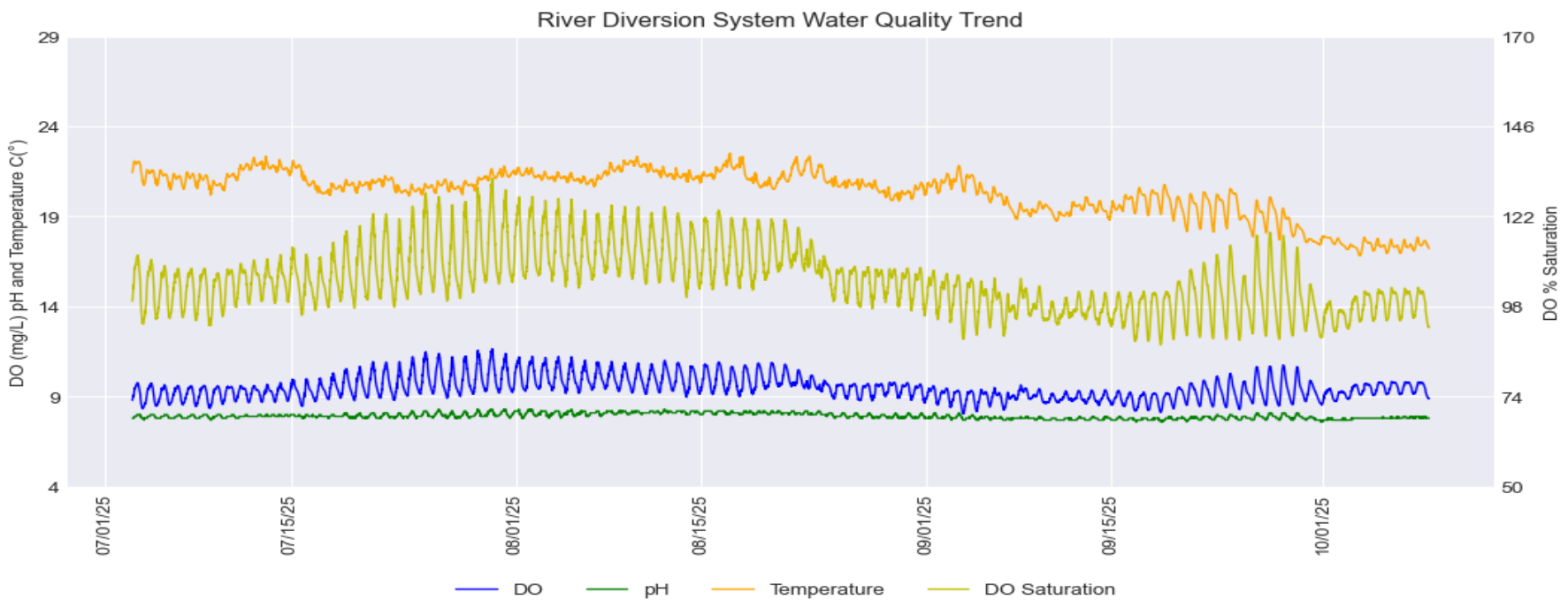
Hacienda Bridge



Russian River Water Quality June 27, 2025 – October 9, 2025
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Johnsons Beach

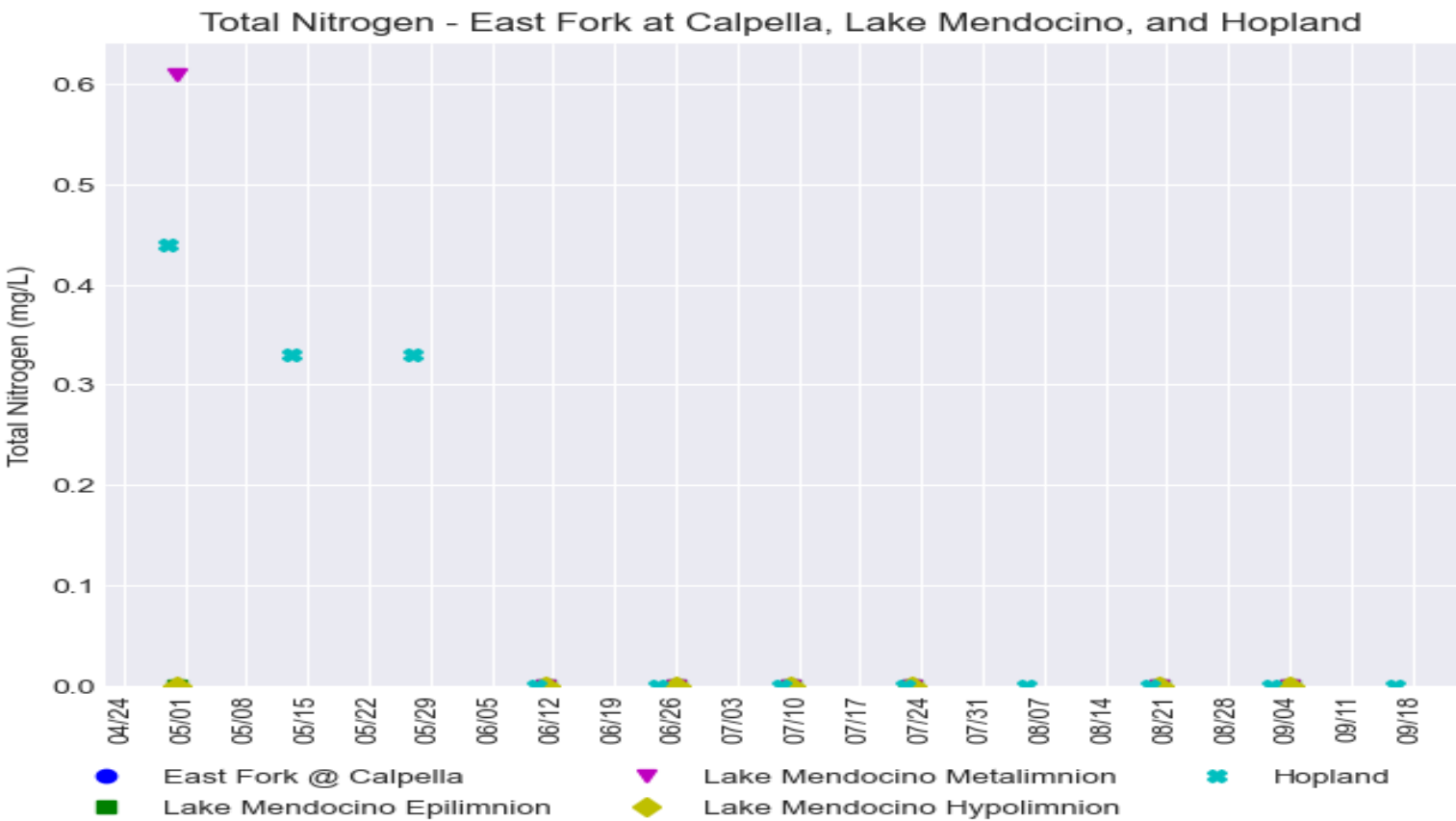
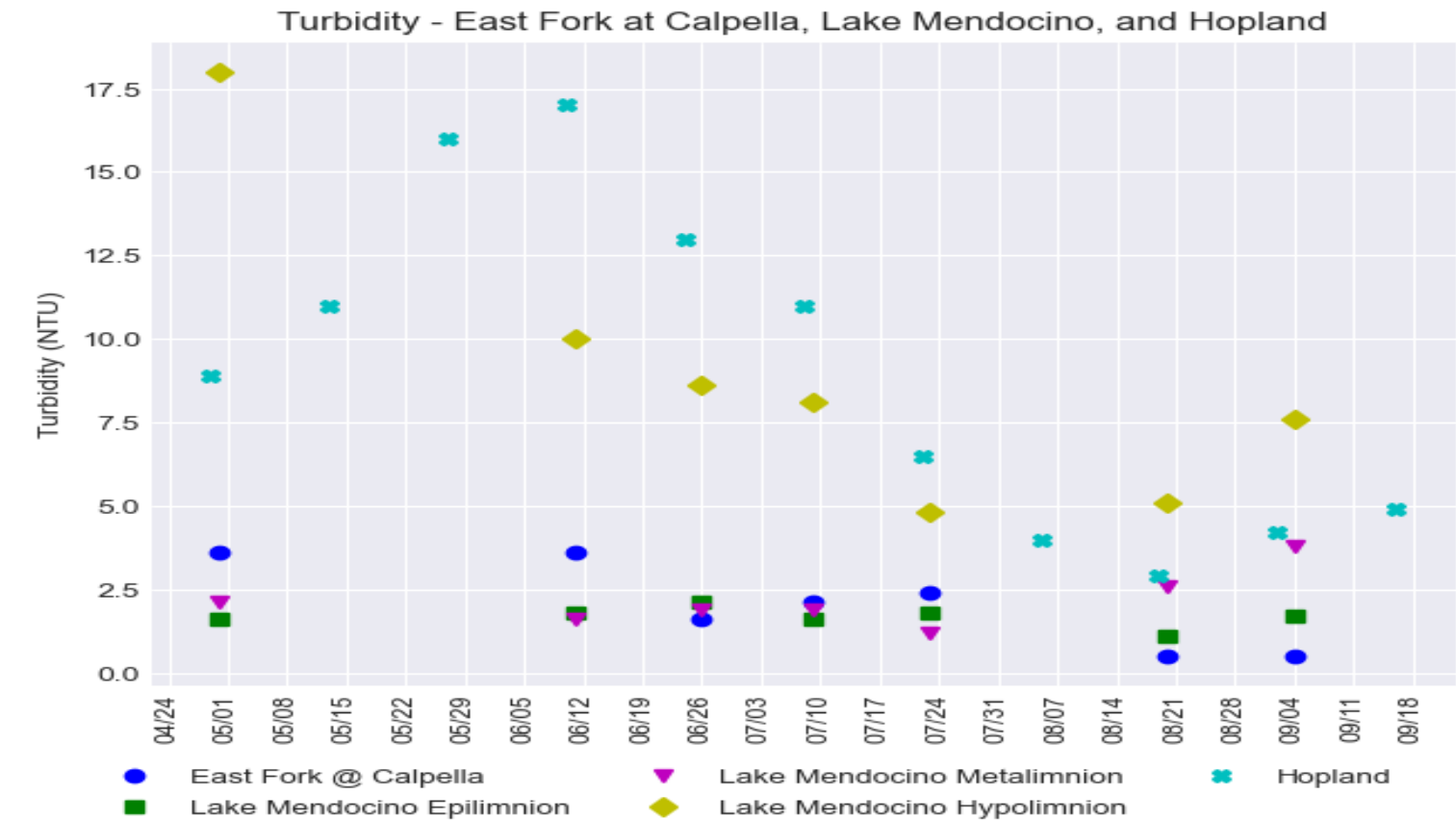
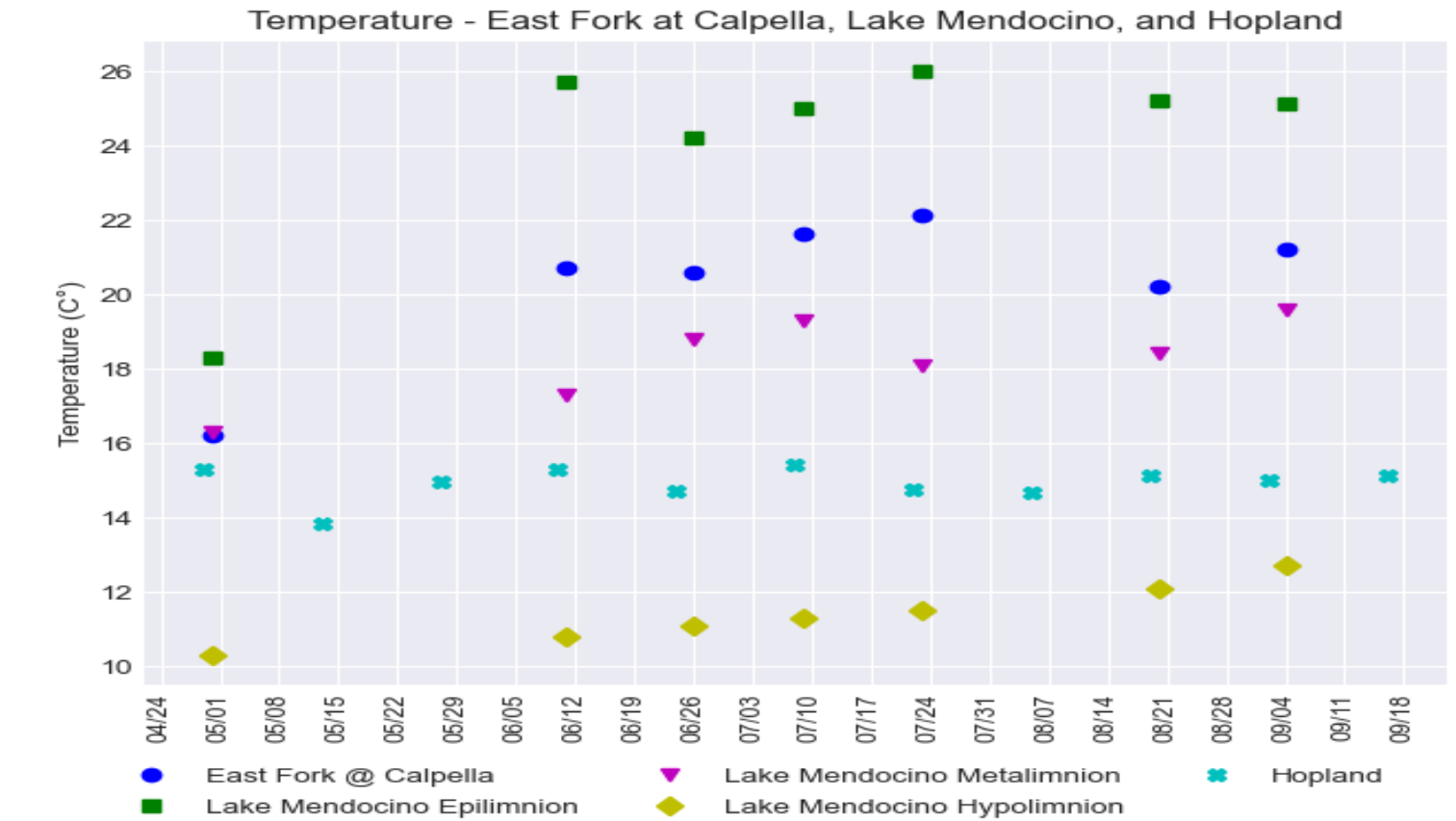


River Diversion System at Mirabel



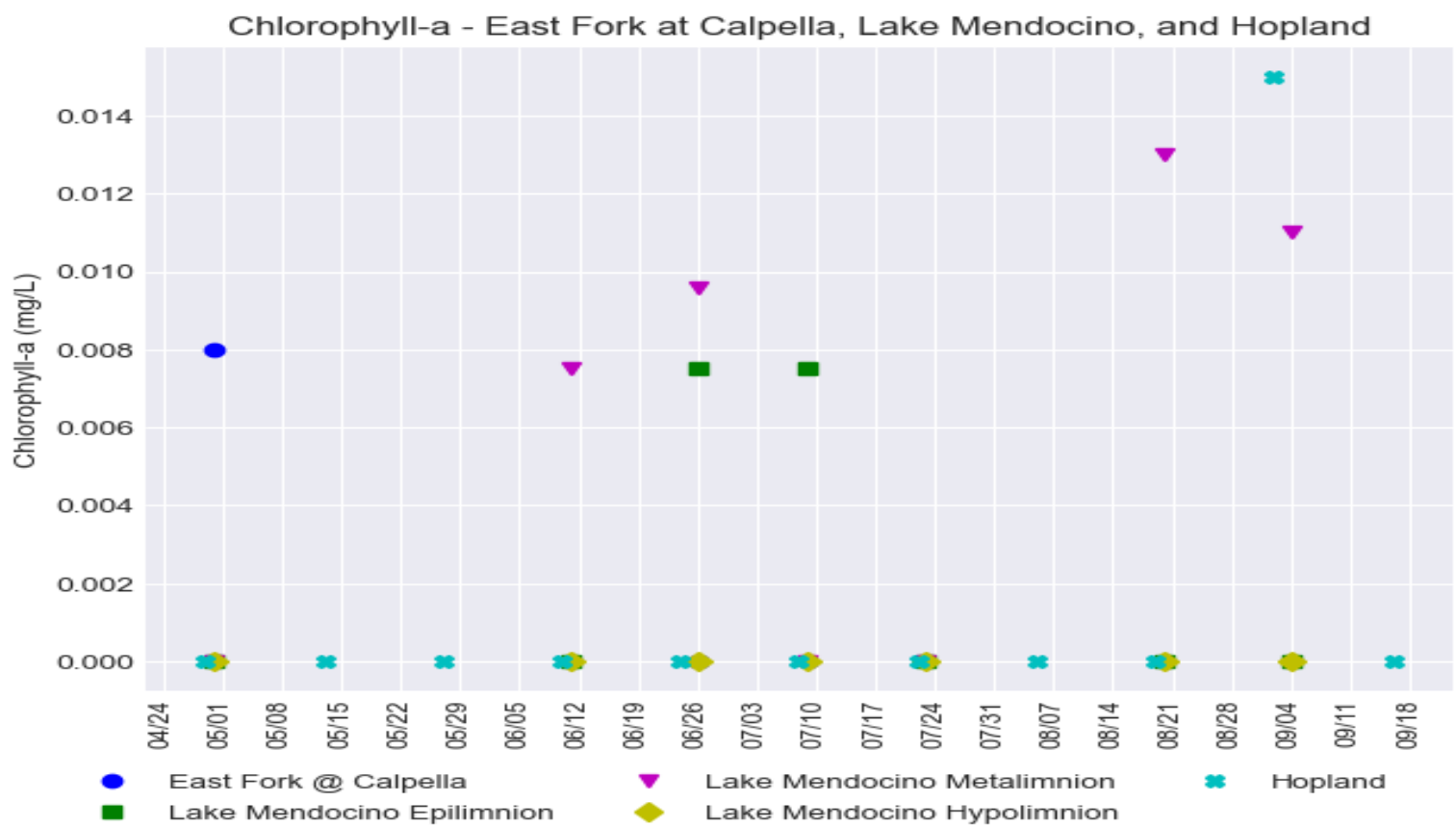
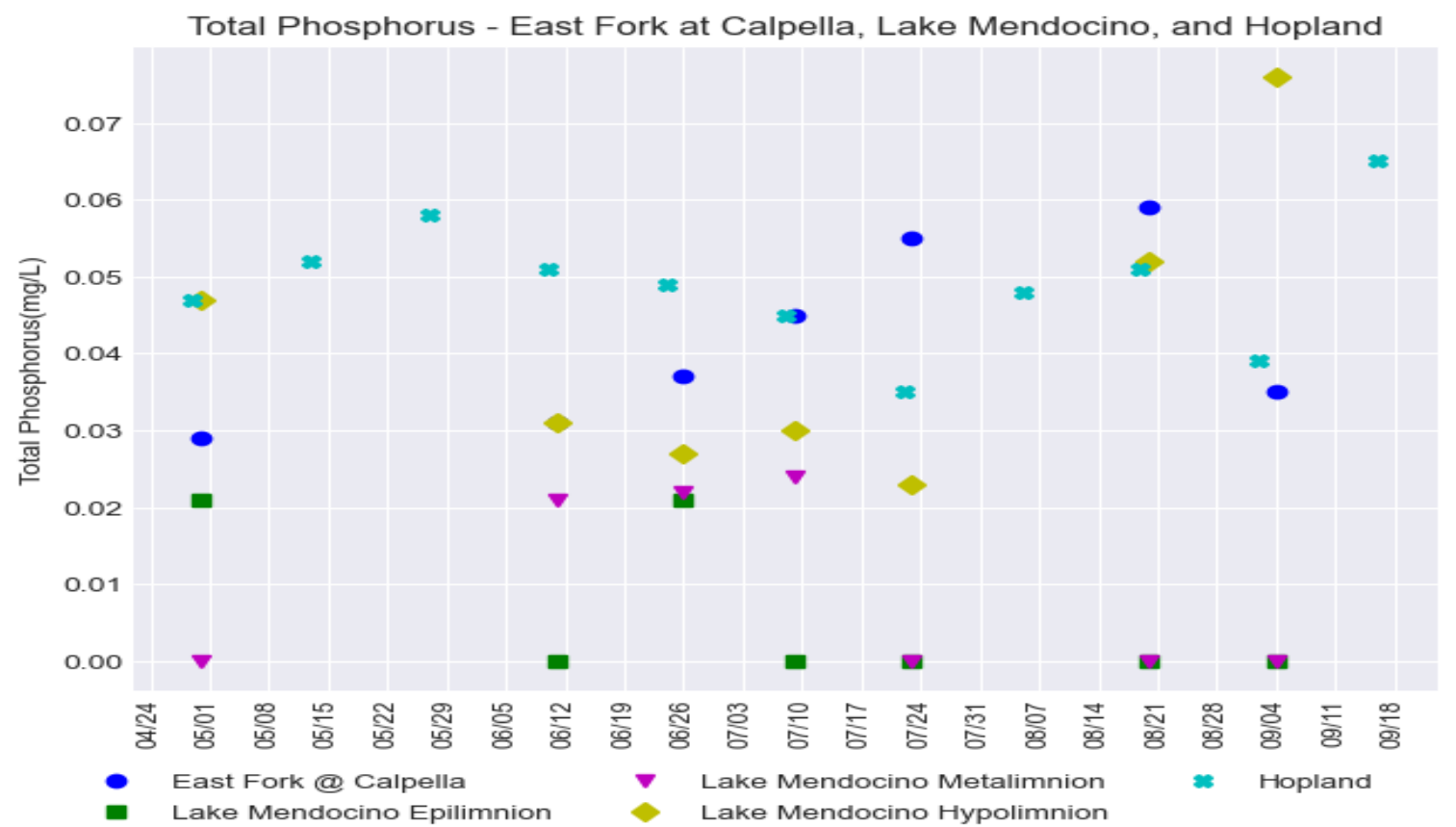
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



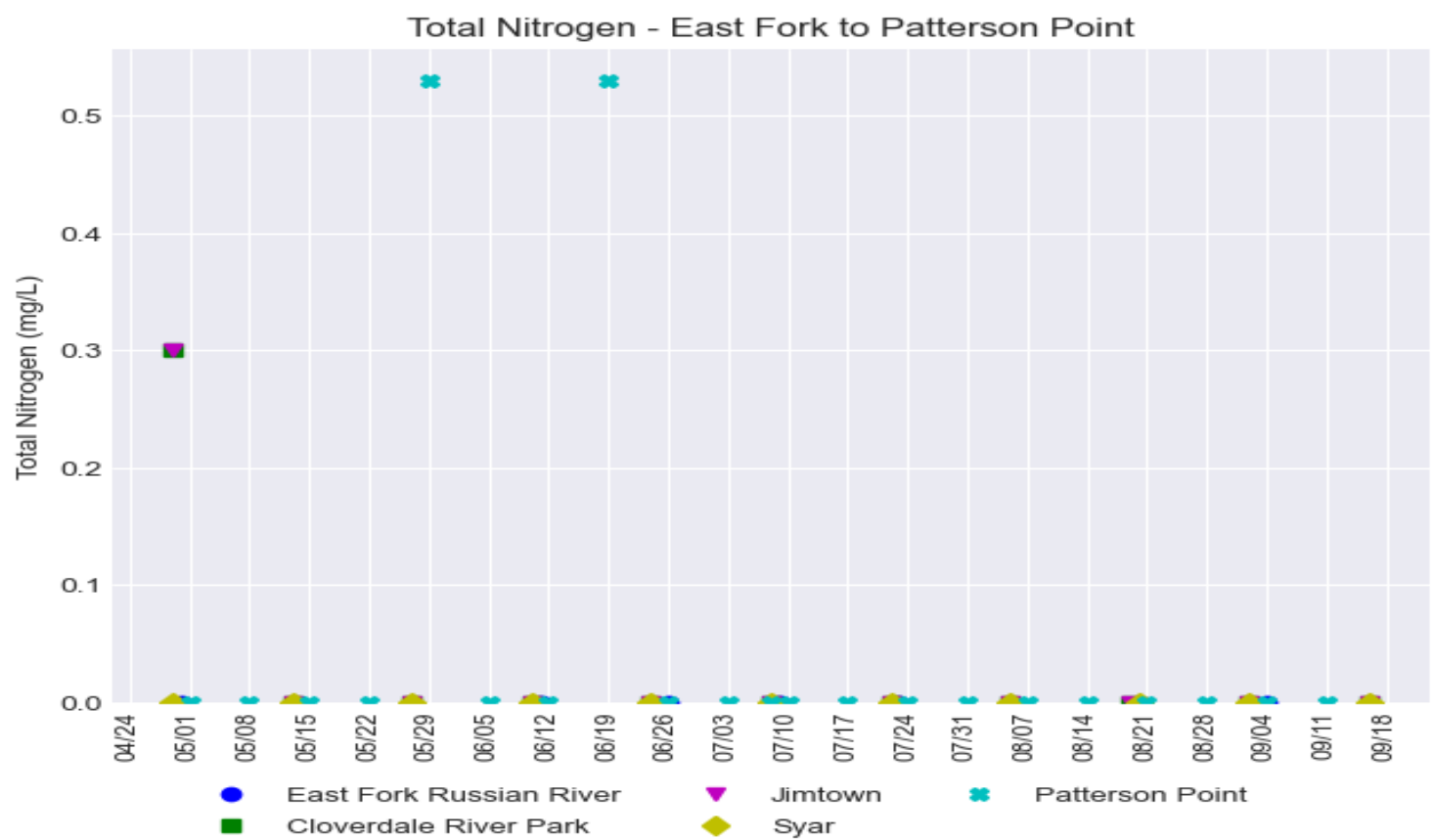
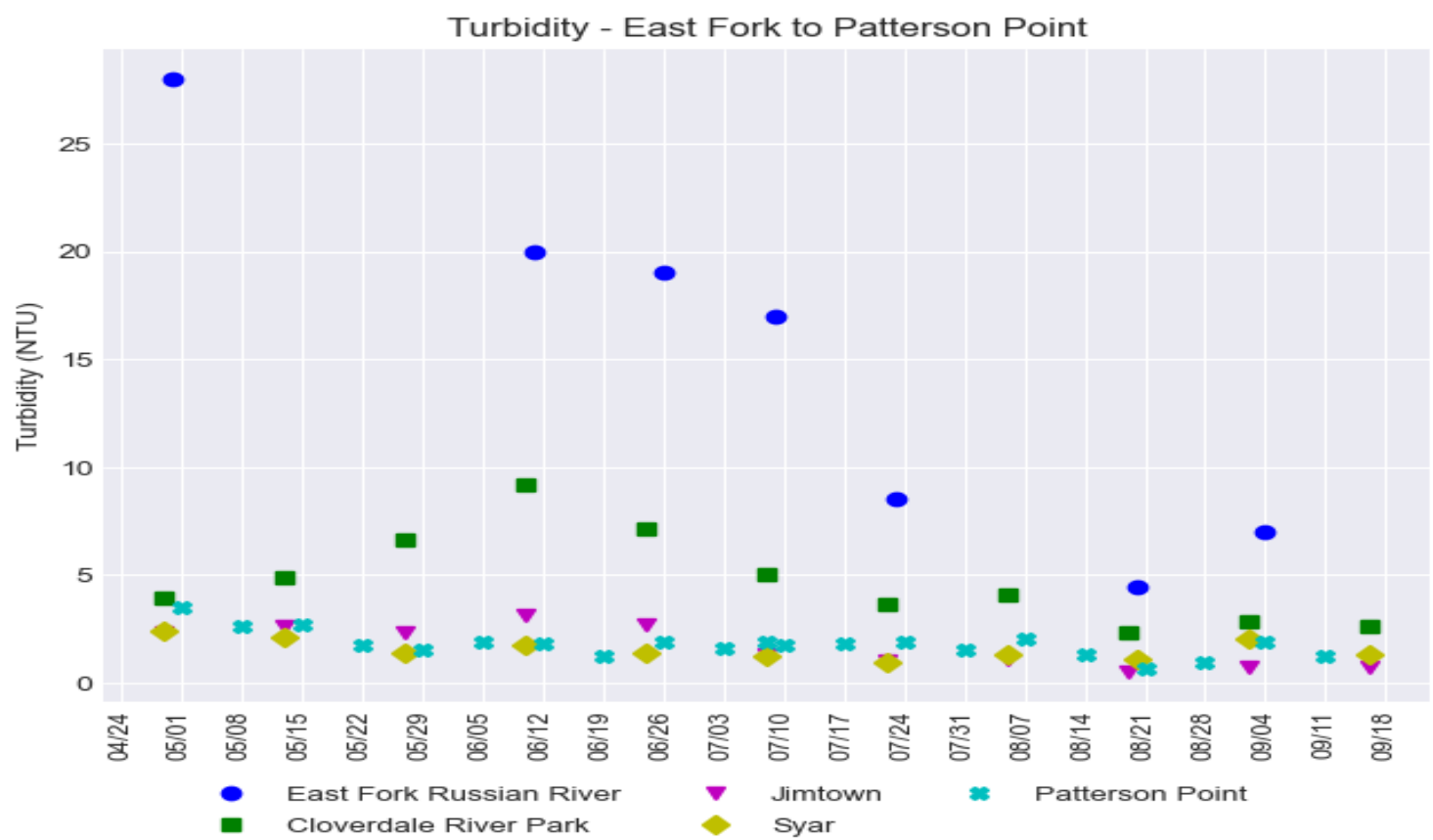
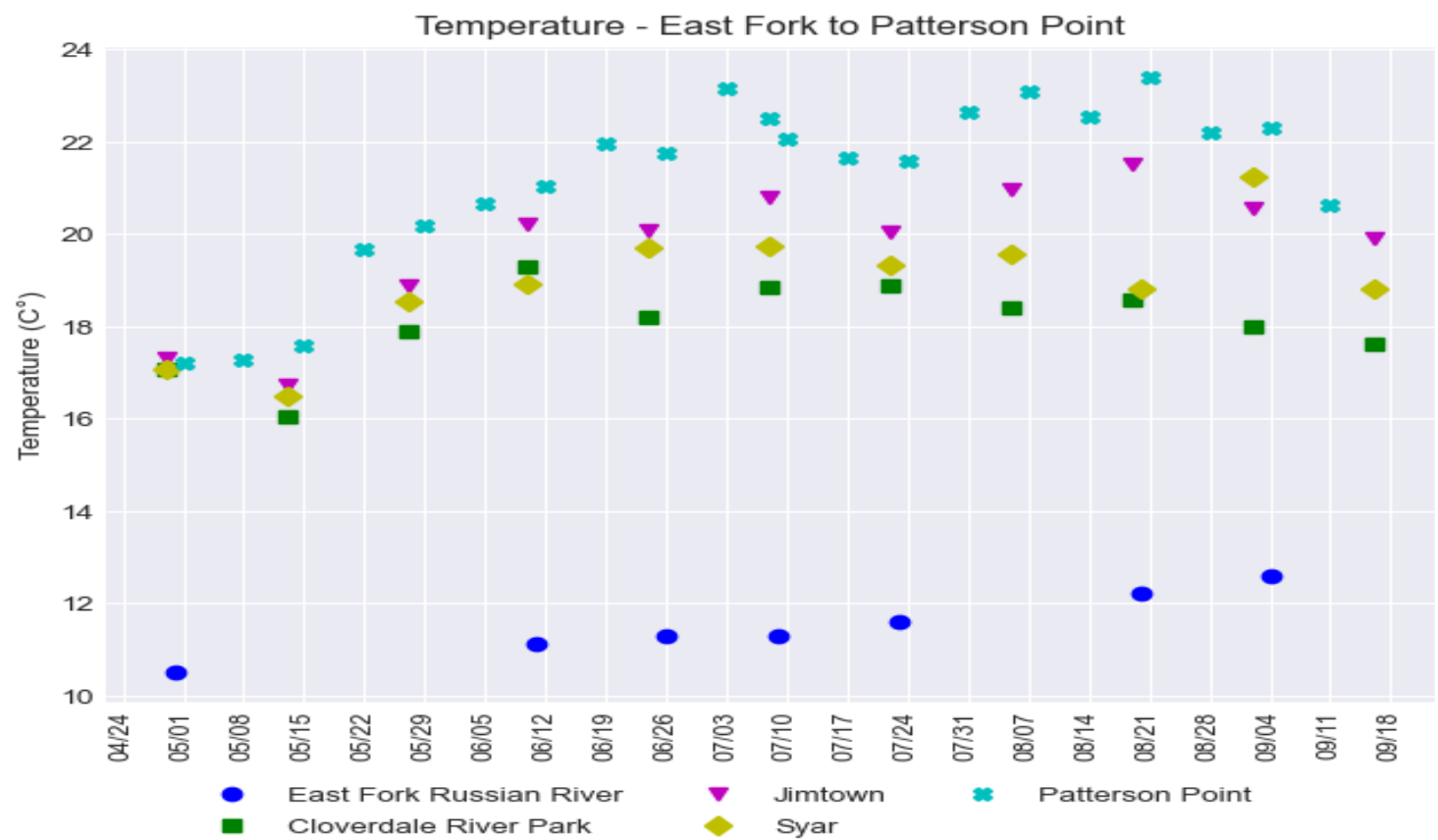
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision

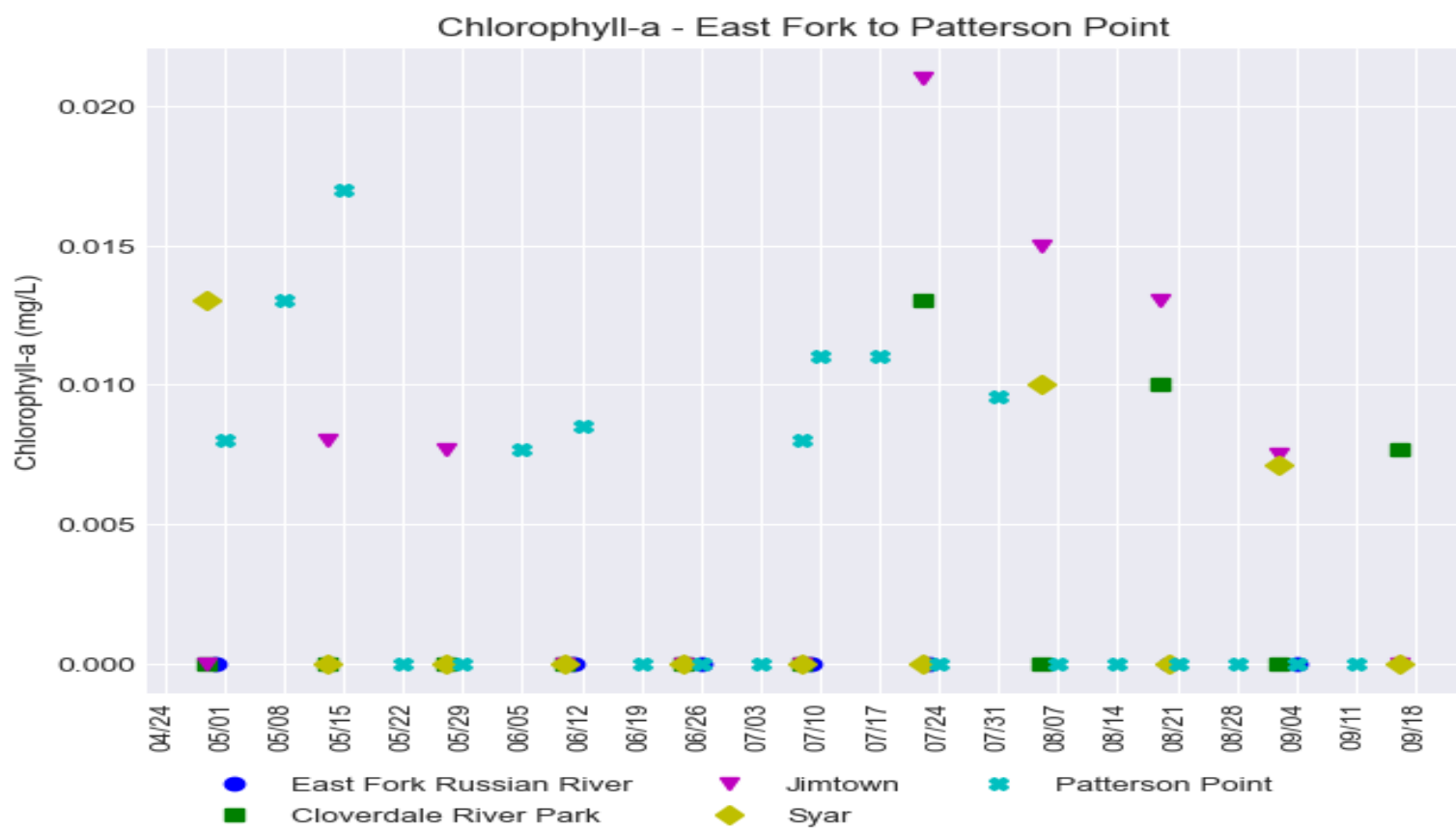
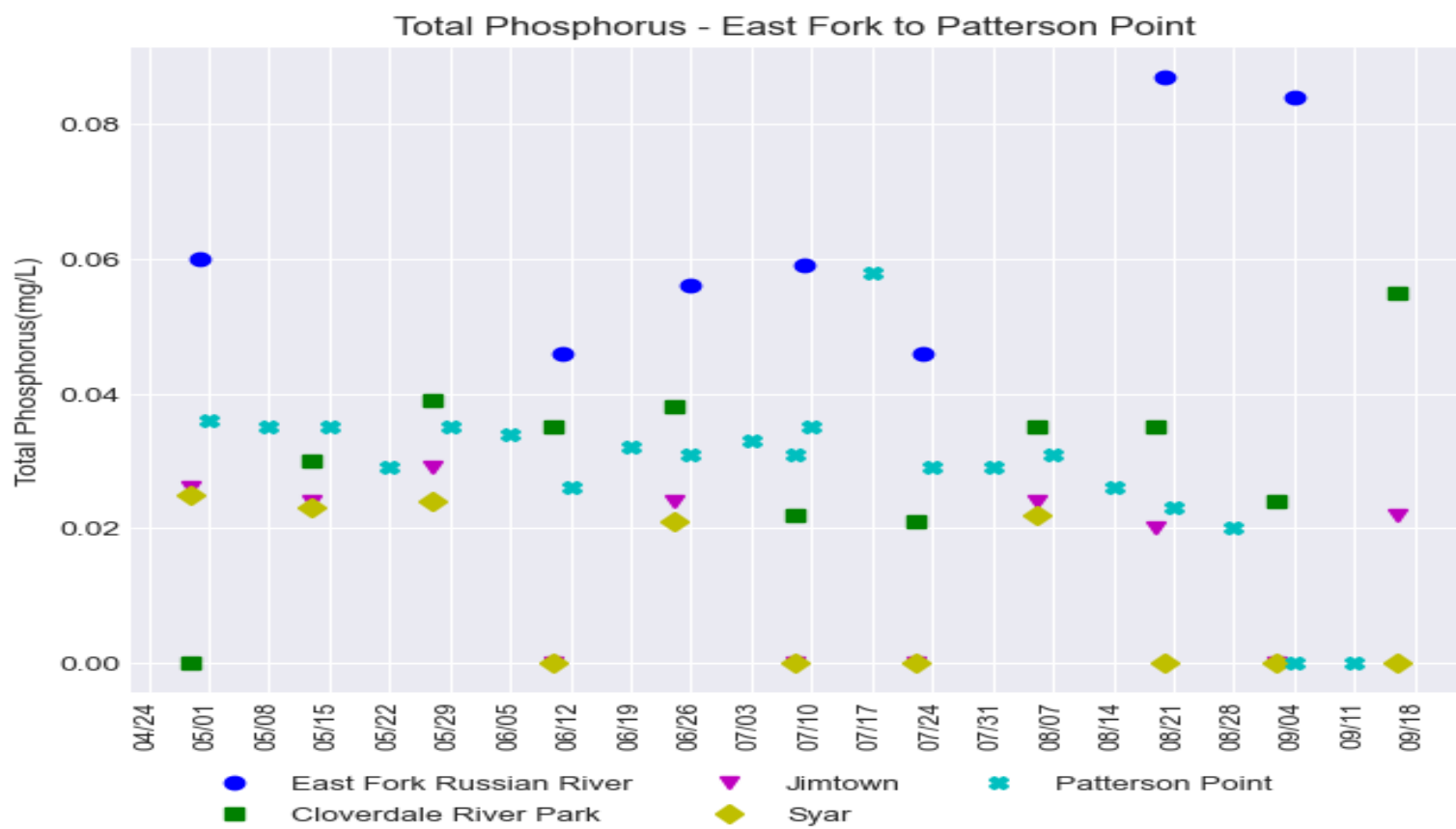


Russian River Water Quality Grab Samples

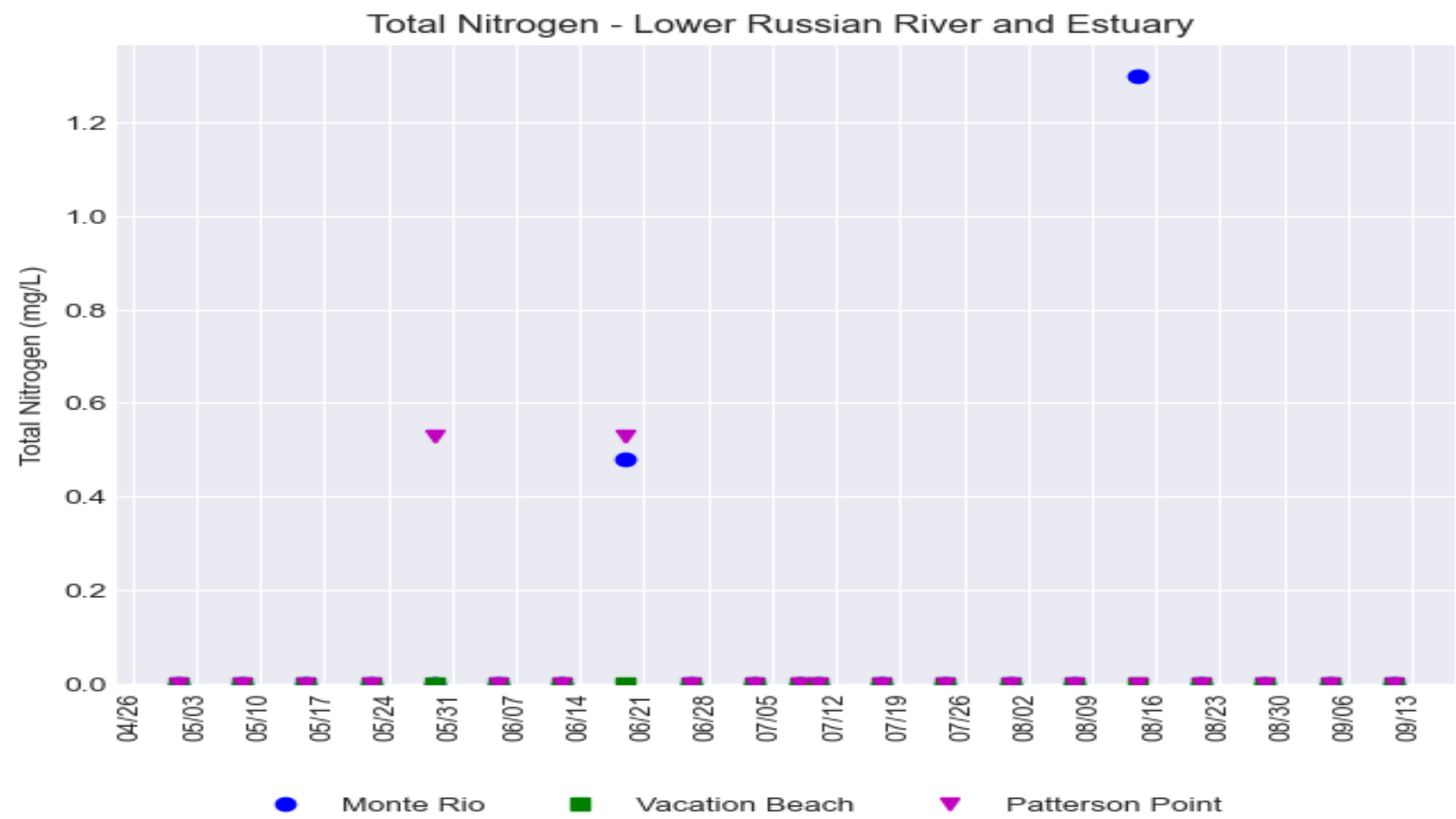
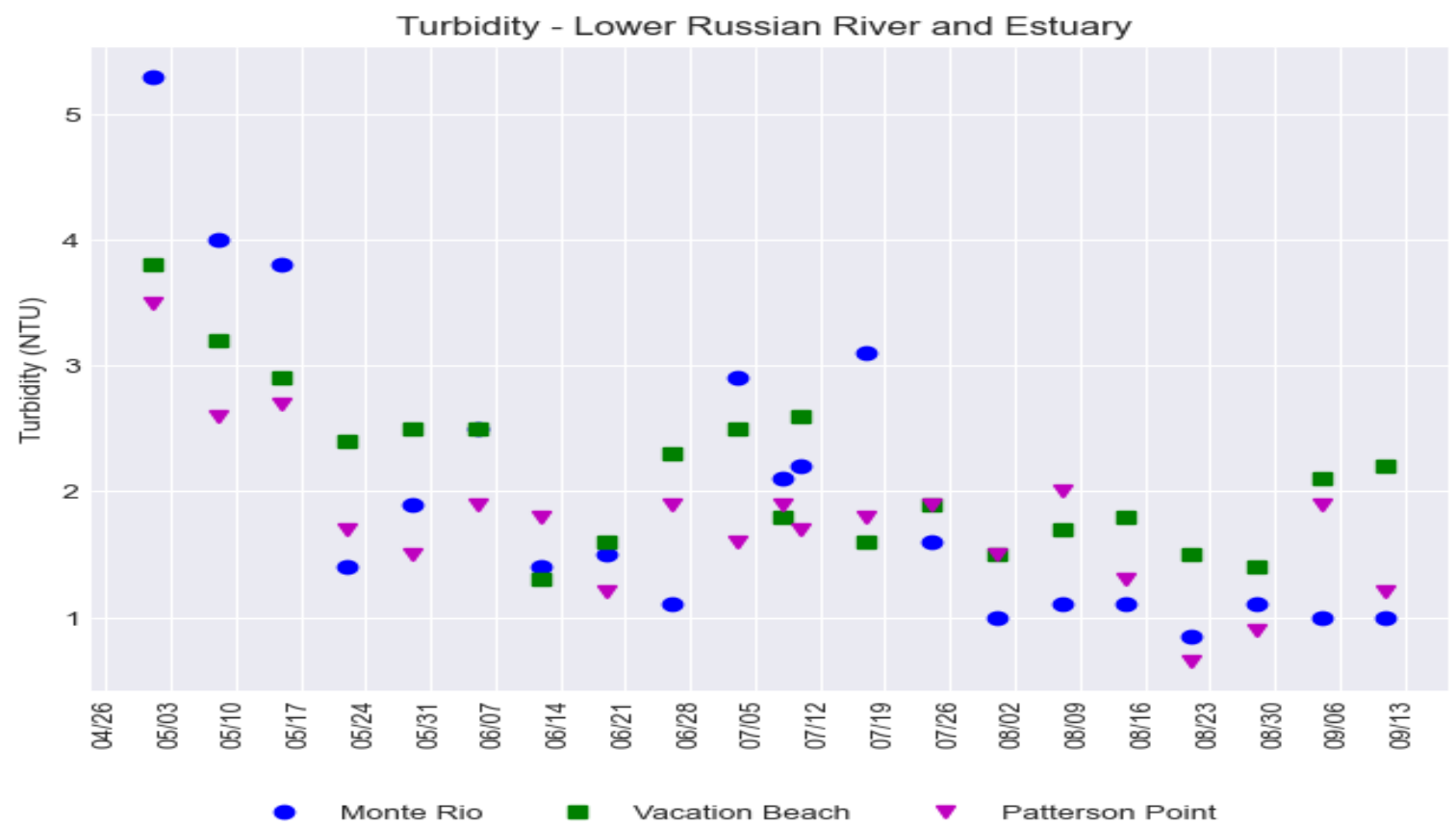
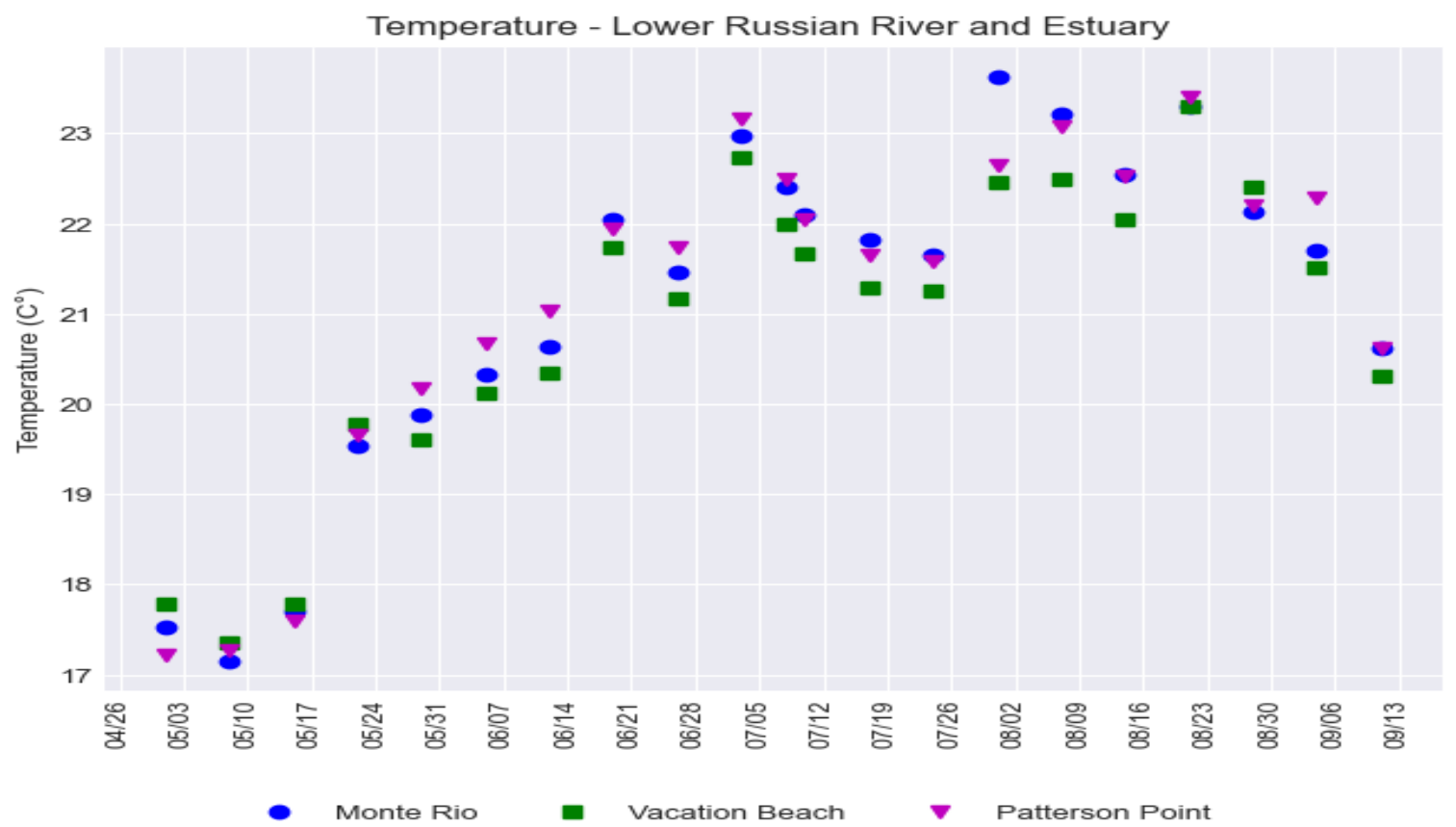
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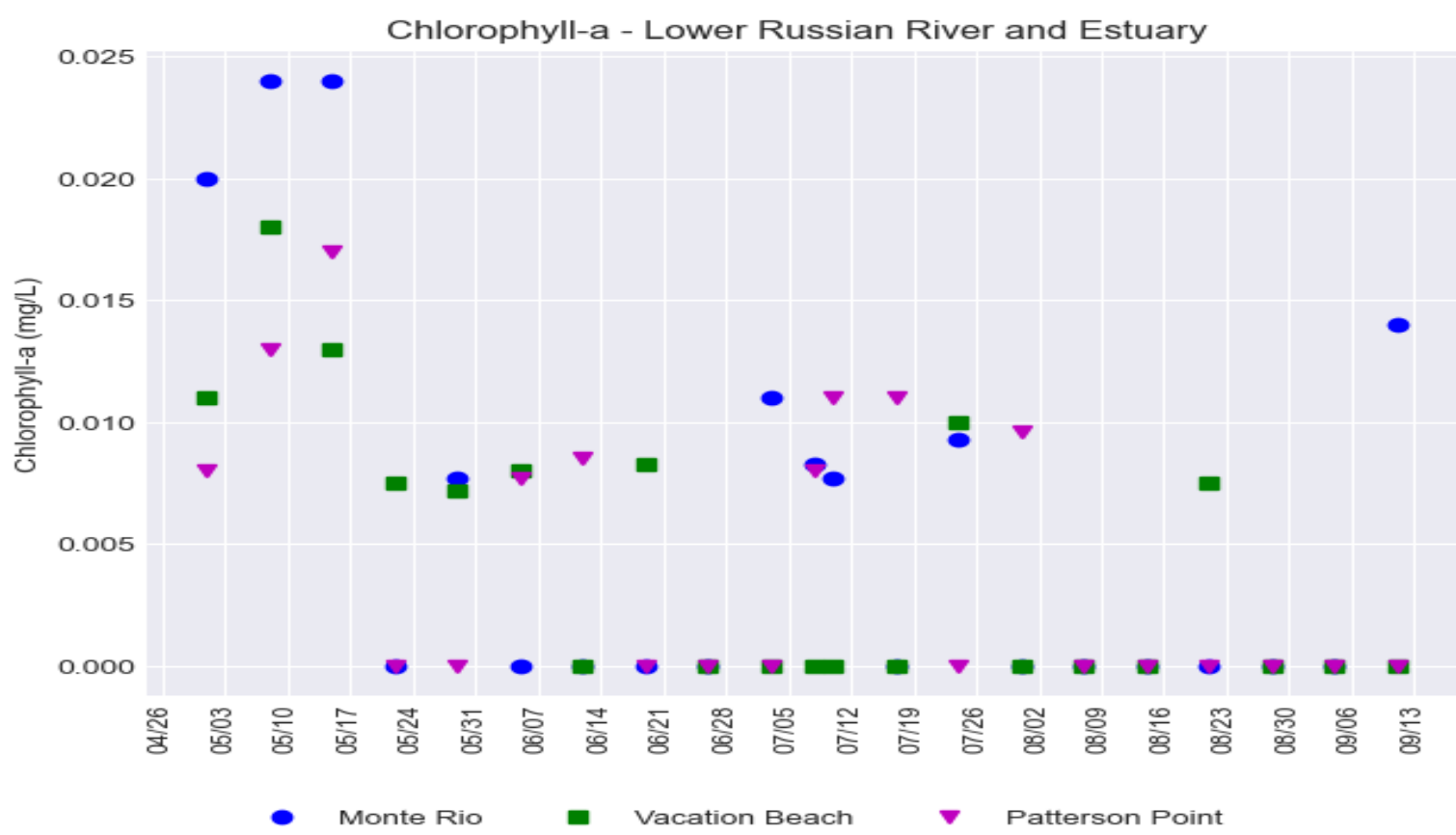
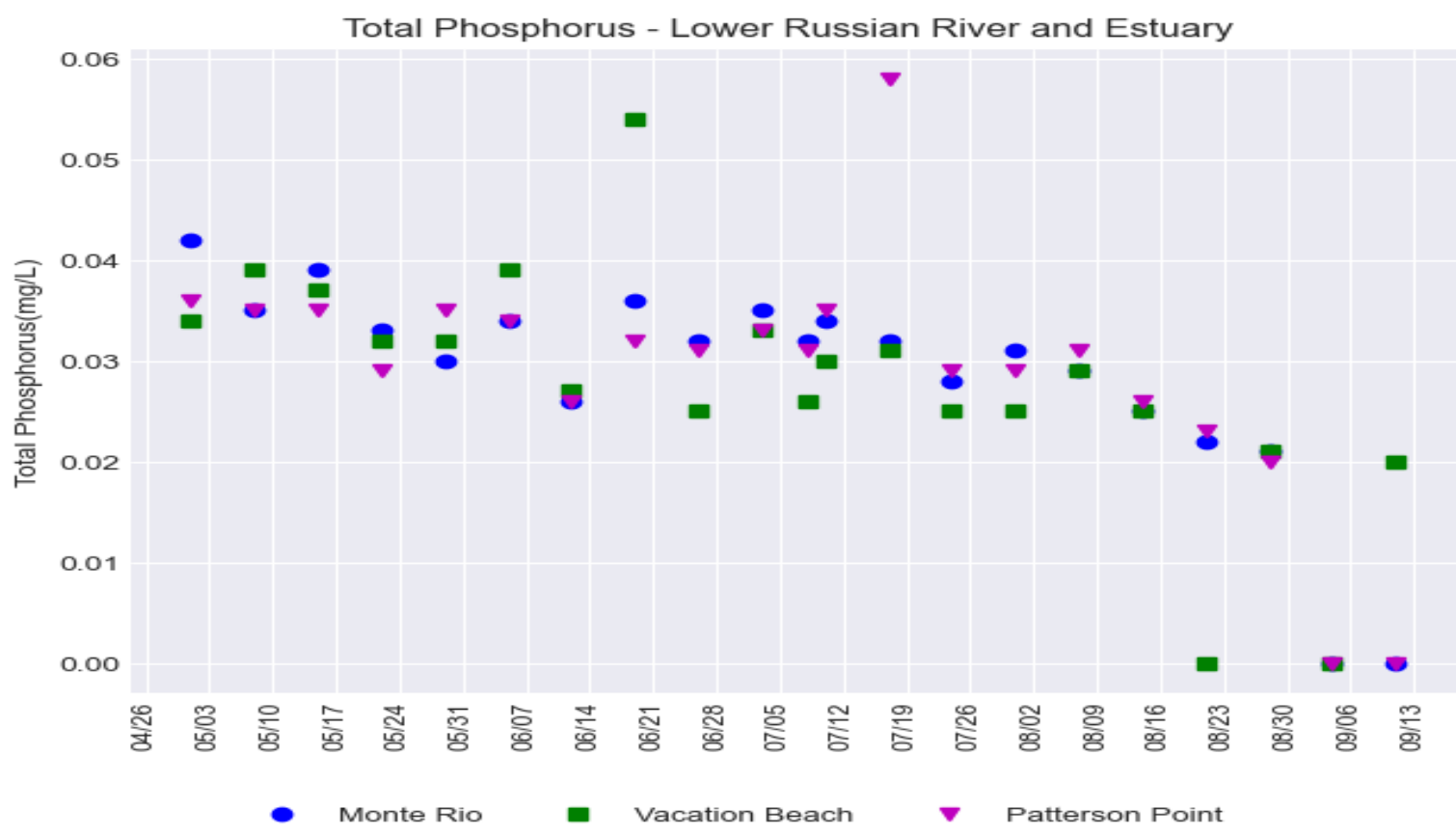
Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



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

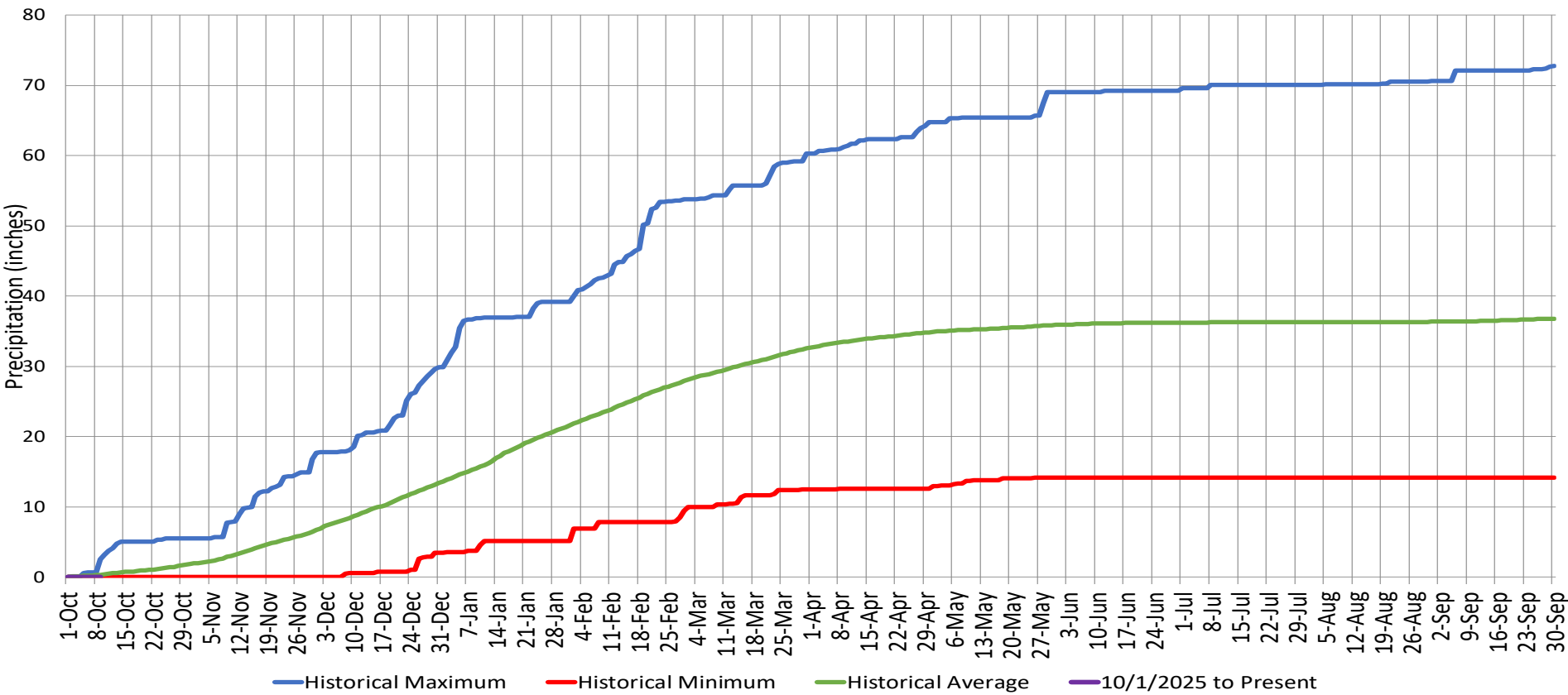
*California Department of Public Health (CDPH) Guidance for Fresh Water Beaches - Single Sample Values:
Freshwater beaches include Patterson Point, Monte Rio, and Vacation Beach
Beach posting is recommended when indicator organisms exceed any of the above corresponding levels
**Sample diluted 1:10
***Method 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 environments and

Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))

Date Range	Cumulative (inches)
Oct 1, 2025 - Oct 9, 2025	0.18
Last 7 Days*	0.00

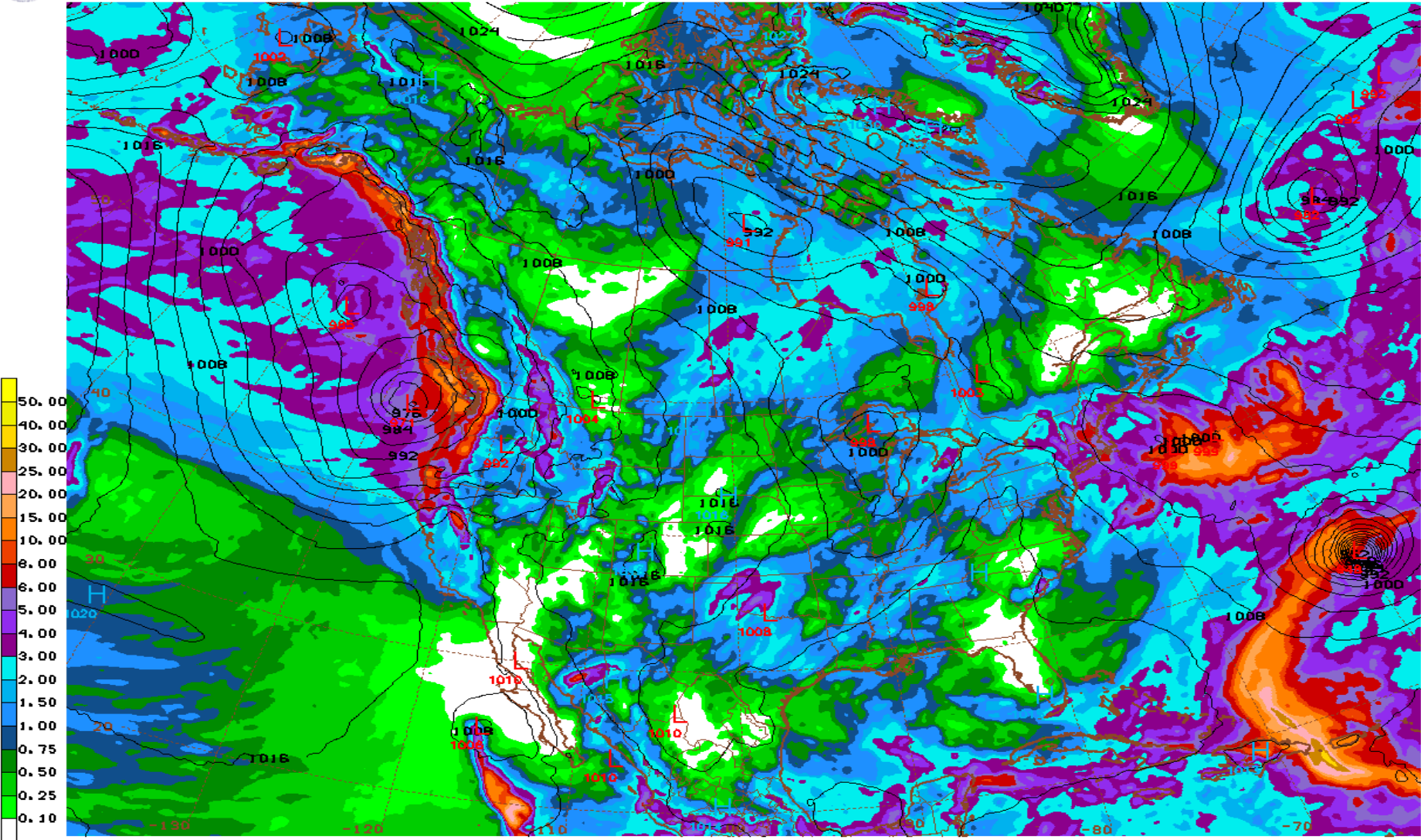
Cumulative Precipitation Comparison of Current Year versus Historic Record



Global Forecast System Model 16-day Cumulative Precipitation Forecast



GFS 10/12/25 12UTC 384HR FCST VALID TUE 10/28/25 12UTC NOAA/NWS/NCEP



GFS TUE 251028/1200V384 ENSL (4MB). 384HR ACCUMULATED PRECIP (IN)

Date Range	Forecasted Cumulative (inches)
Oct 12 - Oct 28, 2025	2.88