



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
August 1, 2025 - August 7, 2025

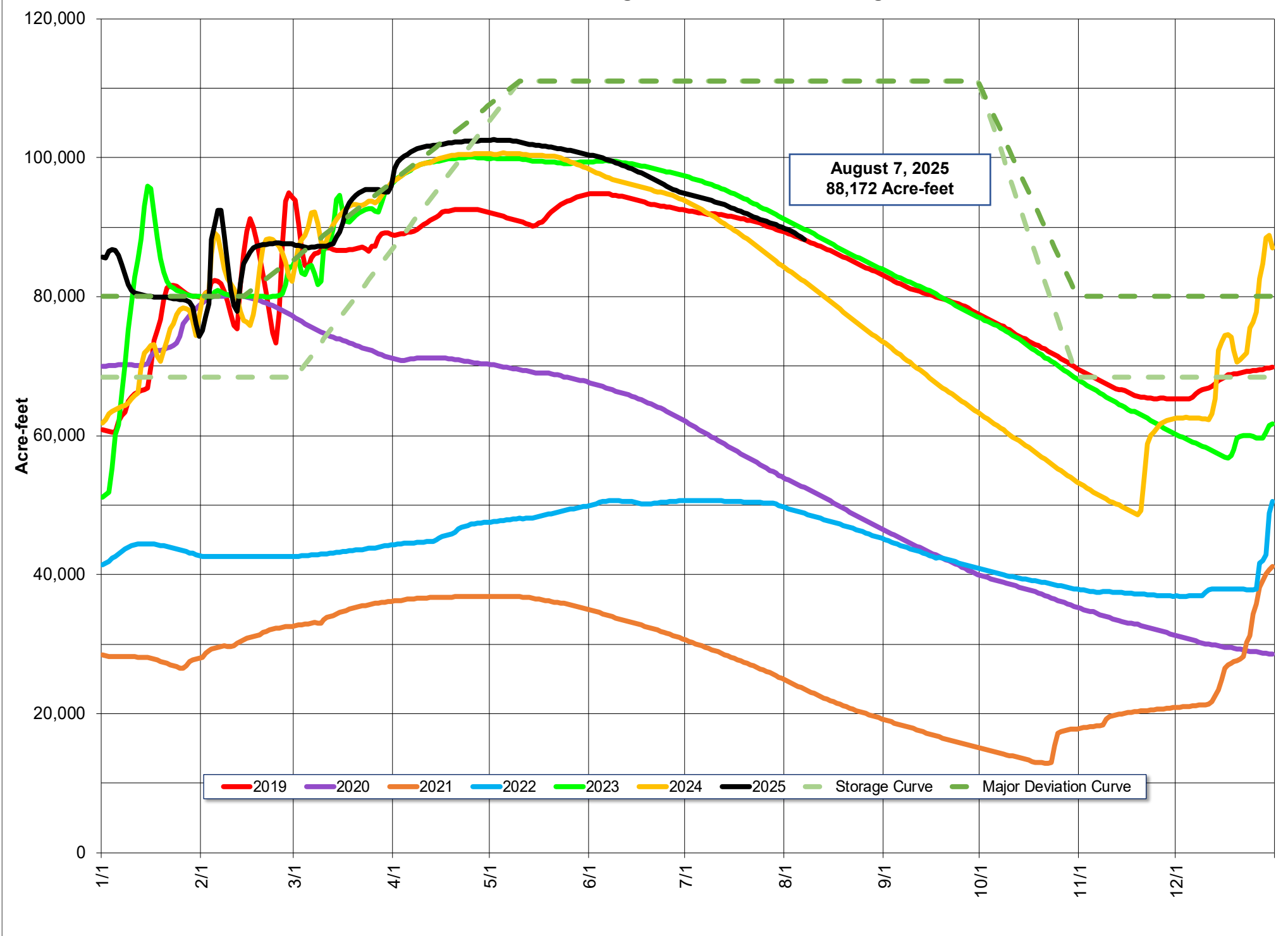
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of August 7, 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

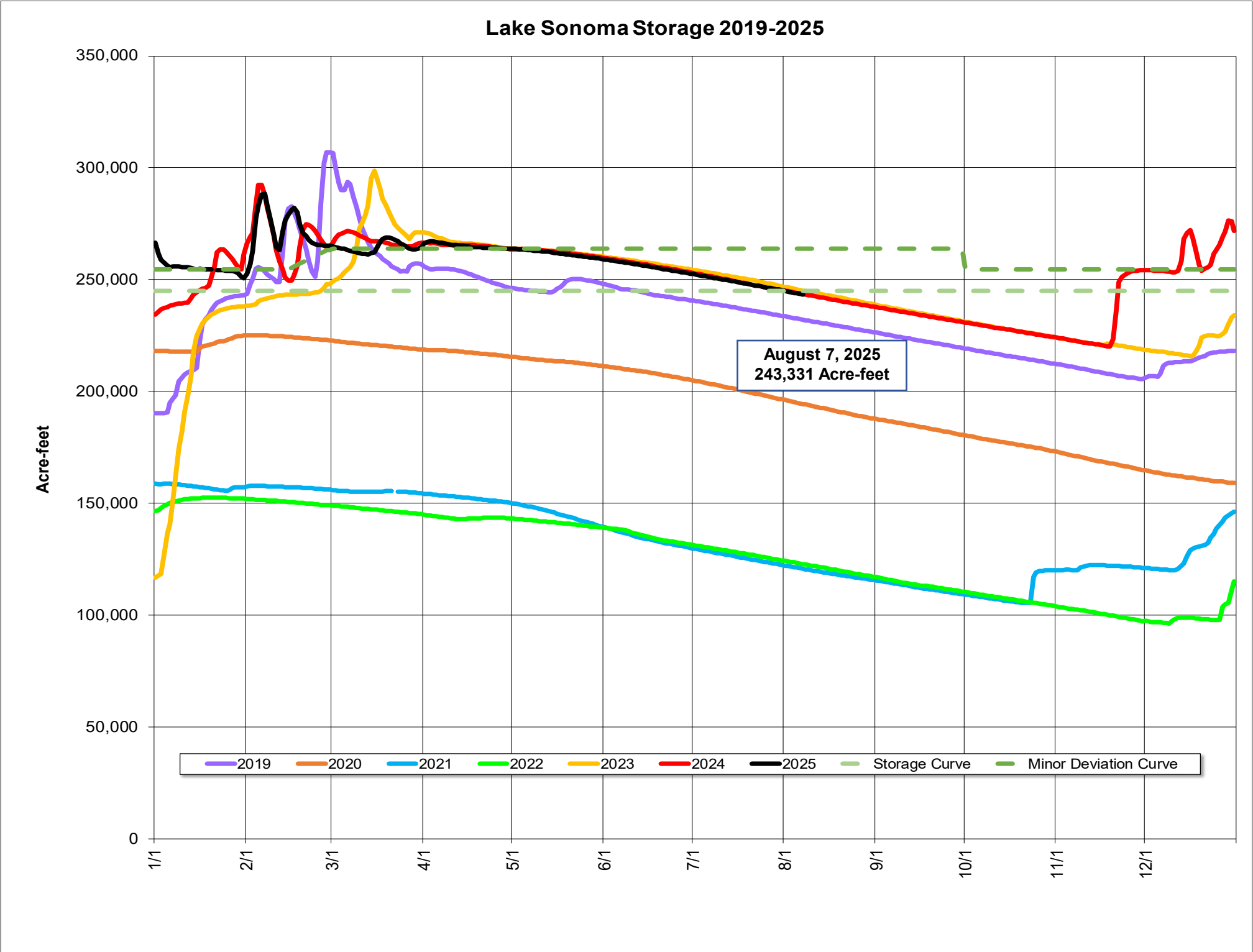
Lake Mendocino Storage 2019 - 2025 and Storage Curve



Storage (acre-feet)	August 7, 2025	88,172	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-5,755	-192
	Last 7 days	-1,631	-233
Daily Inflow (cfs)	Last 7 days	Min	50
		Max	145
		Mean	95
Release (cfs)	Last 7 days	Min	197
		Max	210
		Mean	208



Todd Schram, February 10 , 2024



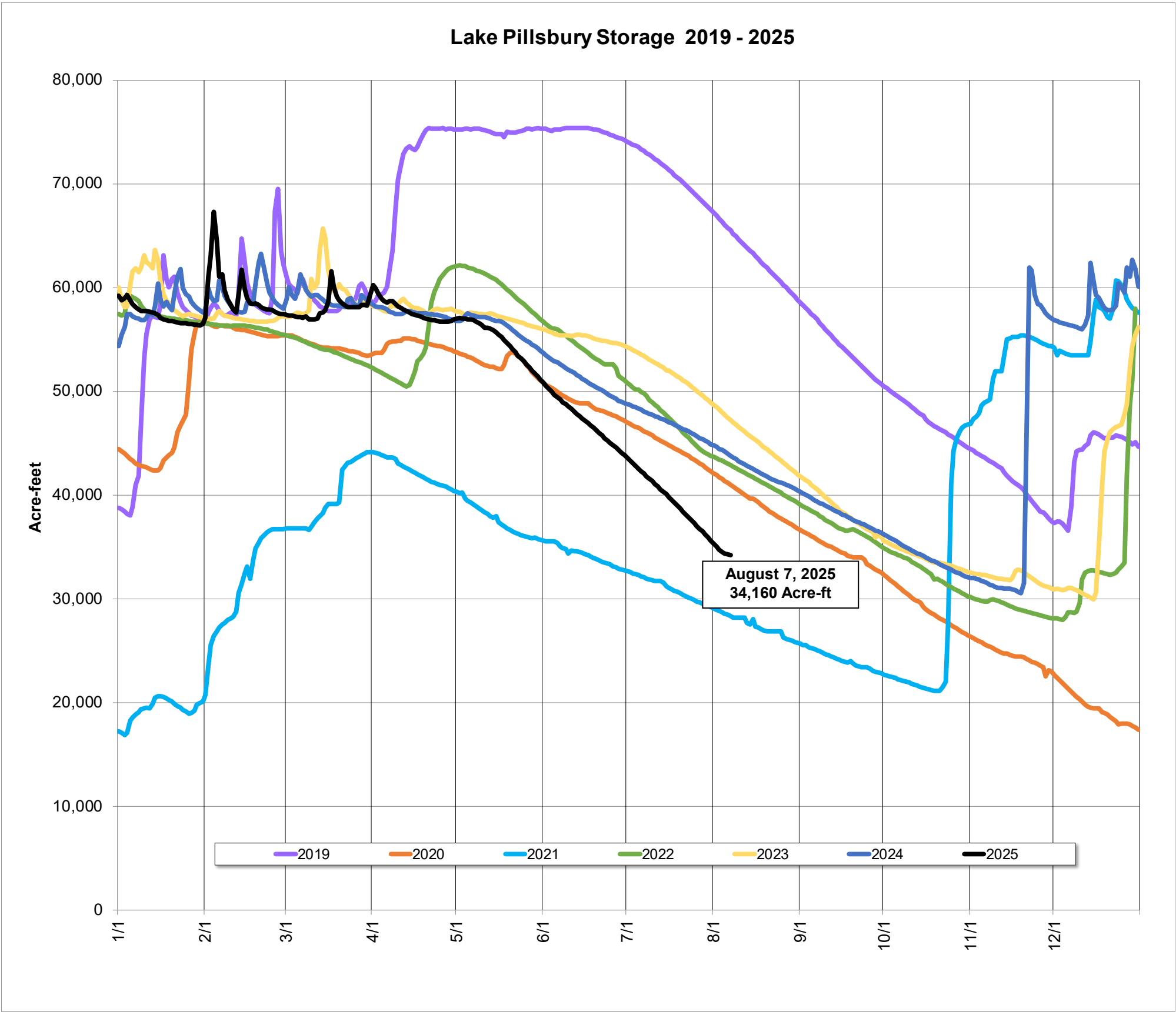
Storage (acre-feet)	August 7, 2025	243,331	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,455	-249
	Last 7 days	-1,658	-237
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	22
		Mean	6
Release (cfs)	Last 7 days	Min	116
		Max	118
		Mean	117

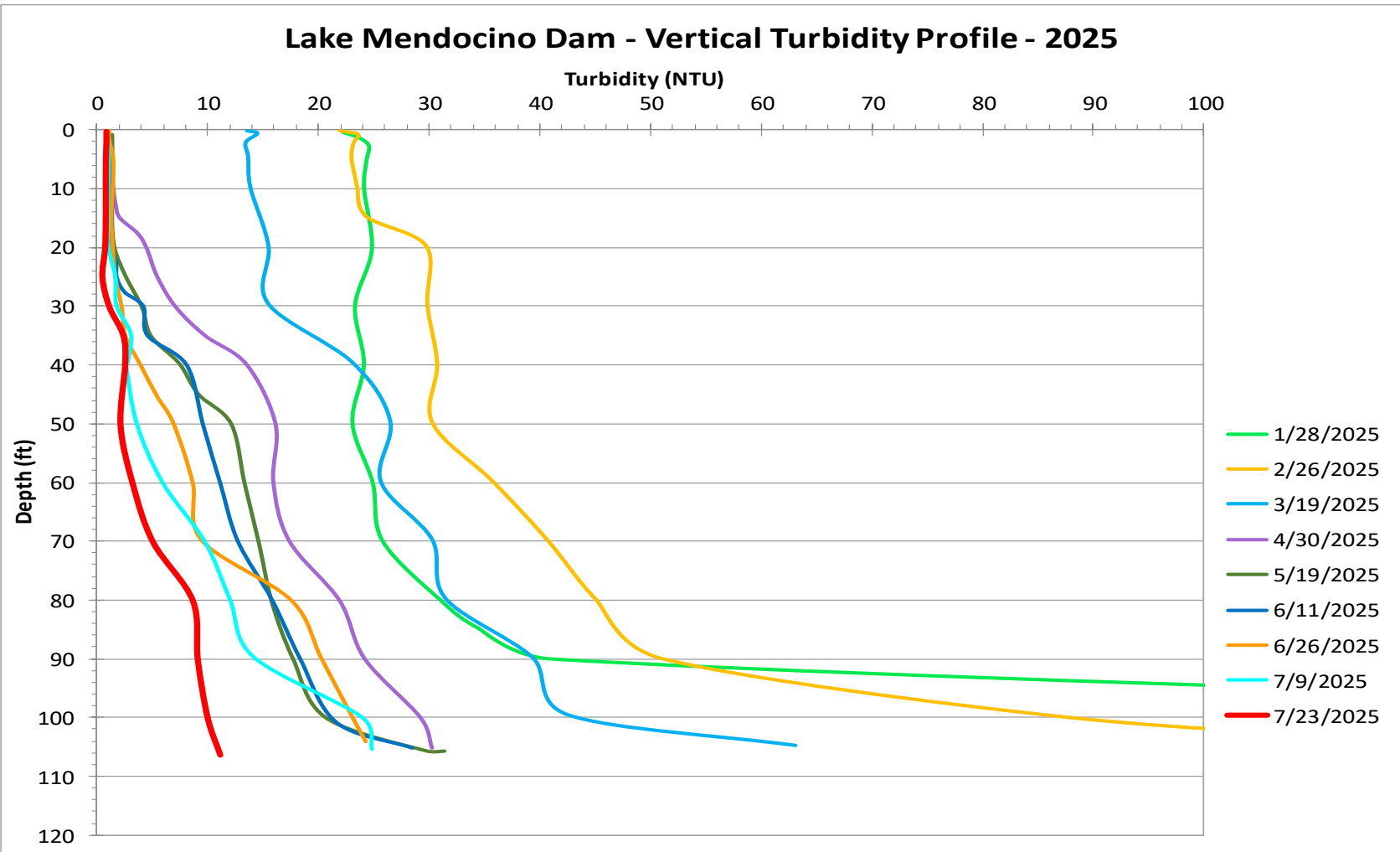
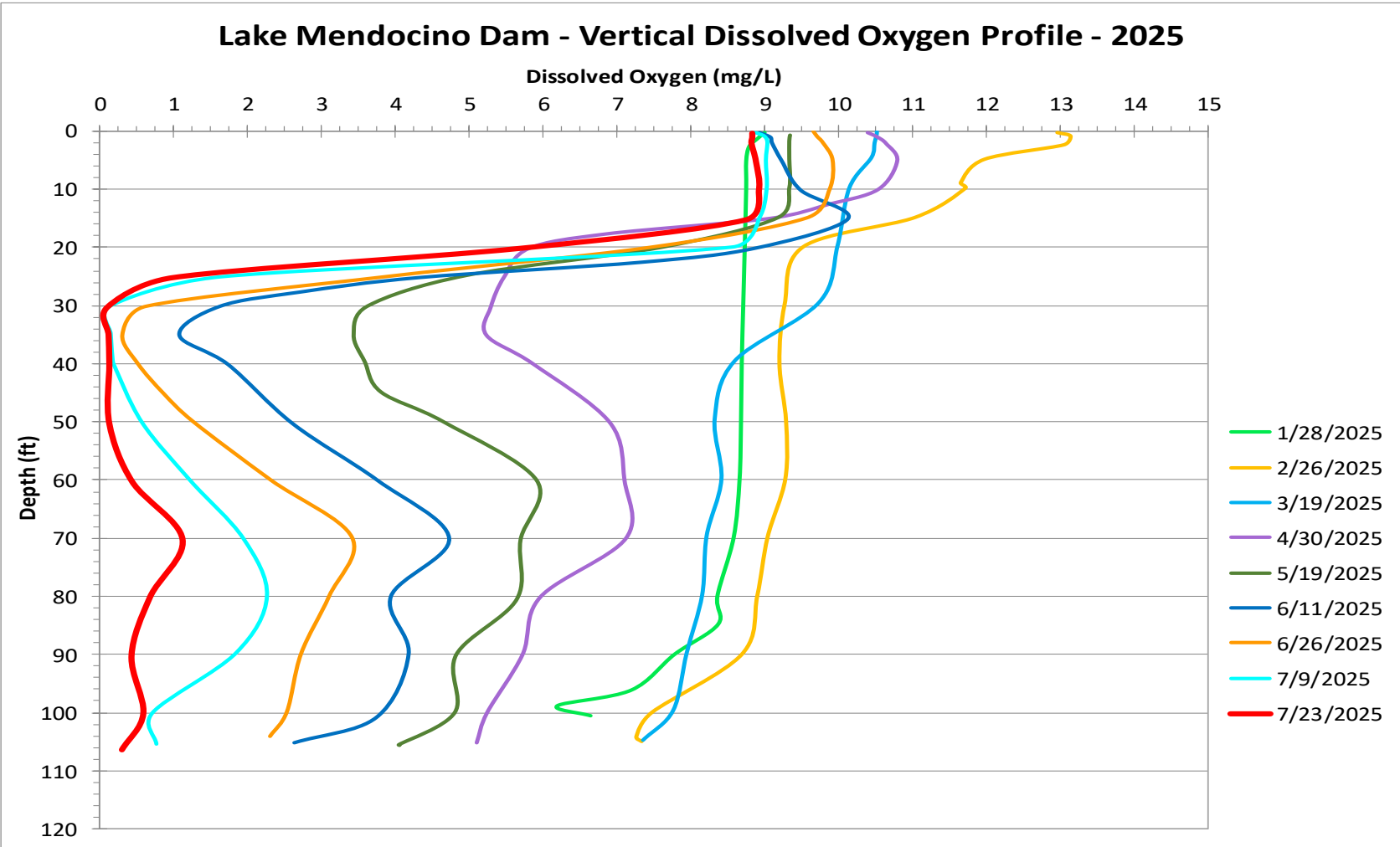
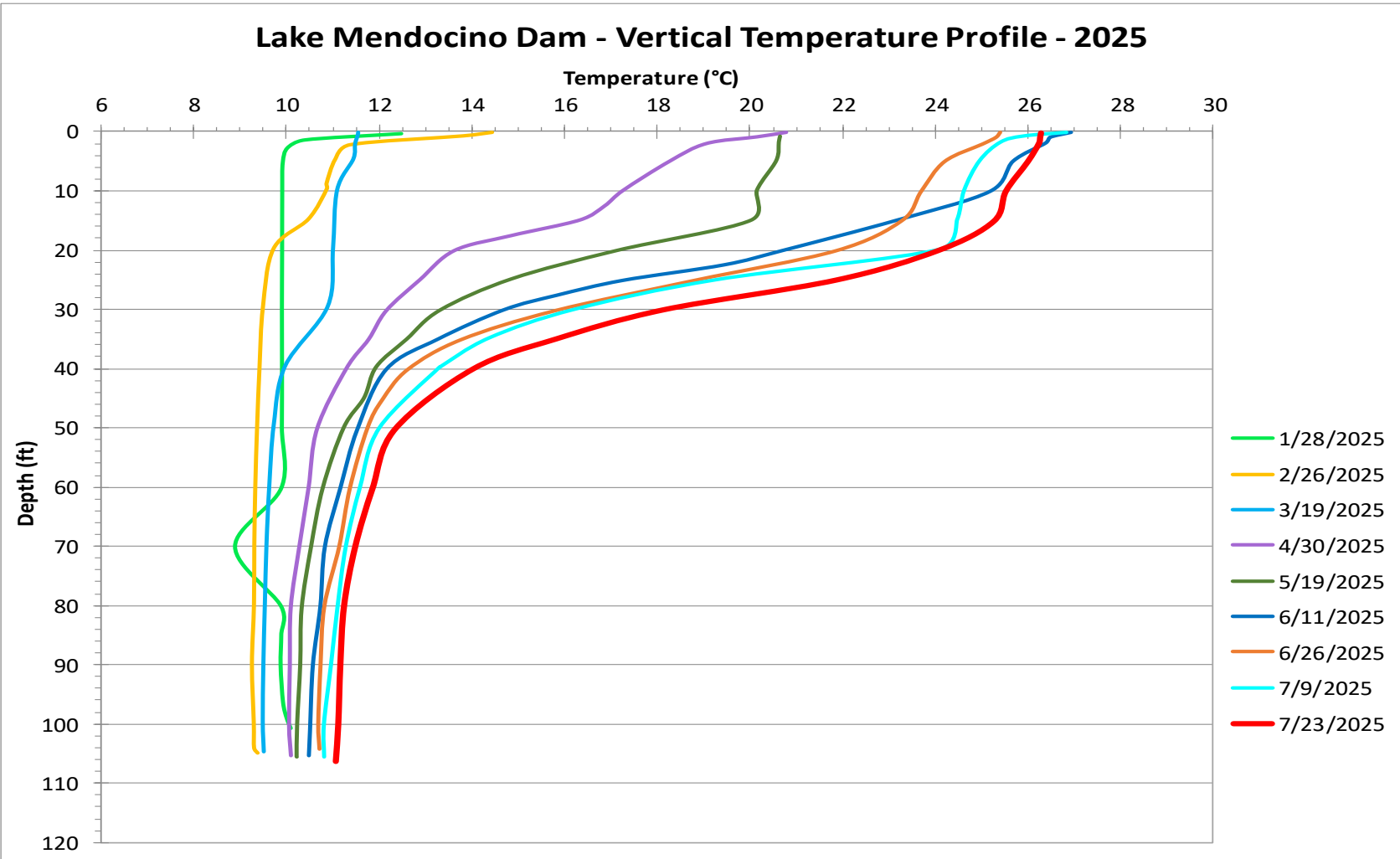
Potter Valley Project

PVP Diversion (cfs)	August 7, 2025	35
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2024 - August 7, 2025	611,367	1,966
	Last 7 days	245	35

*Inflow calculation based on criteria established in D1610

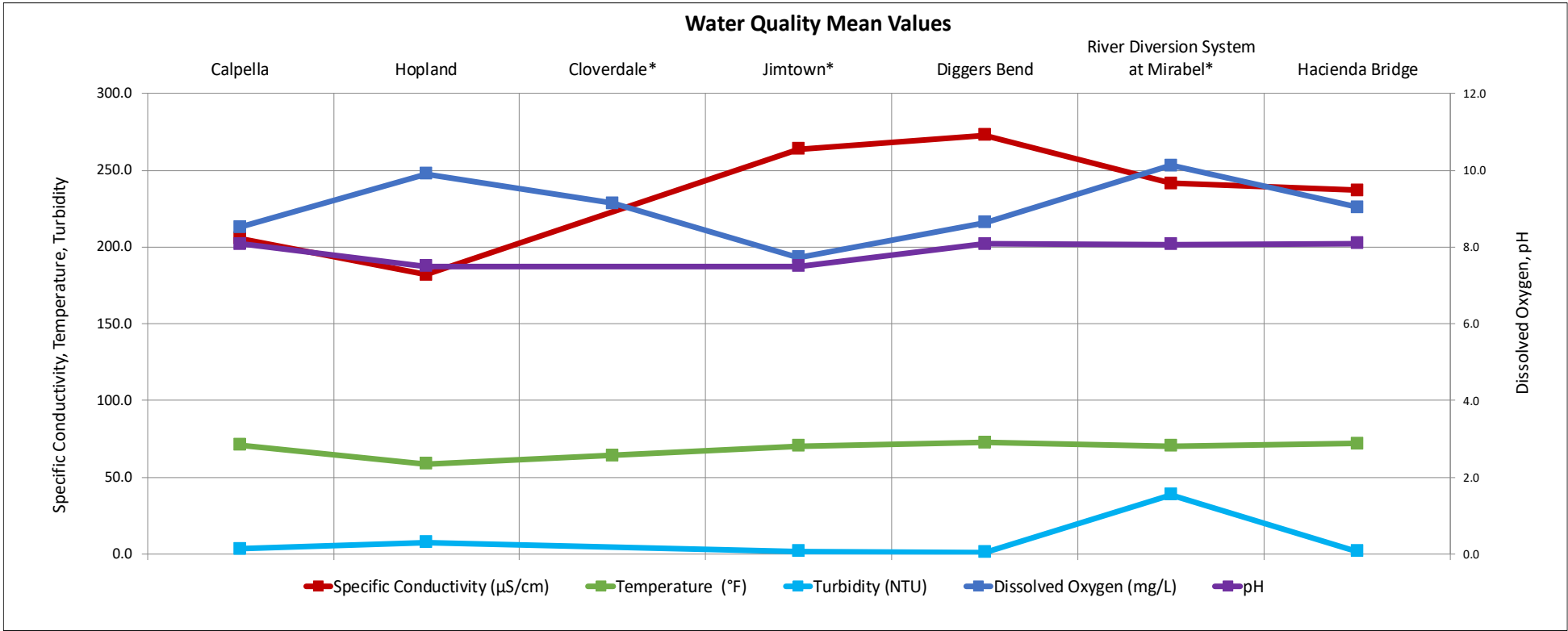




Russian River Flows (August 1, 2025 - August 7, 2025)

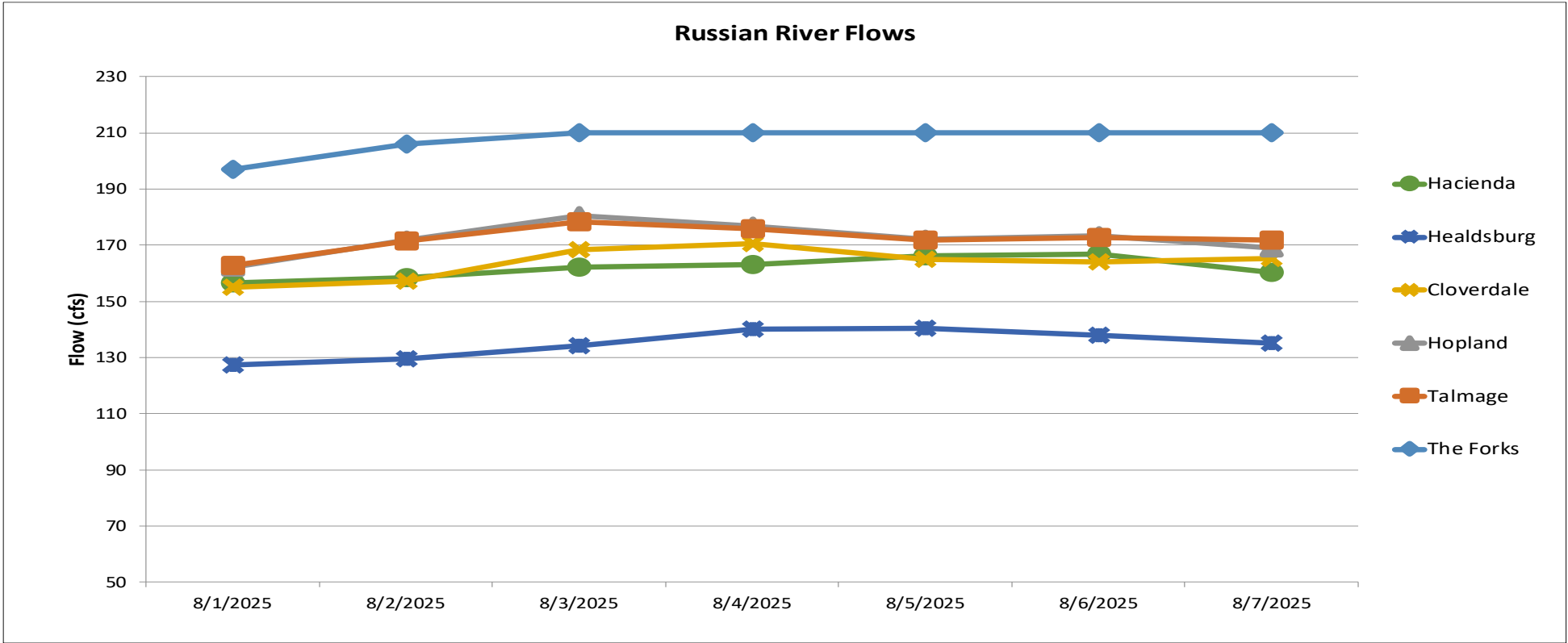
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	65.3	55.8	60.4	66.6	68.4	69.2	68.0	72.7
	Max	74.8	61.3	68.4	74.1	76.3	71.2	75.4	76.0
	Mean	70.9	58.7	64.1	70.2	72.4	70.2	71.8	74.0
Specific Conductivity (µS/cm)	Min	195.0	181.0		256.0	264.0	100.2	233.0	120.0
	Max	228.0	184.0		273.0	279.0	255.3	244.0	243.4
	Mean	205.6	182.1		264.0	273.0	241.4	236.9	226.0
Dissolved Oxygen (mg/L)	Min	7.9	9.0	8.1	6.5	7.2	9.2	7.7	6.2
	Max	9.8	11.0	10.7	9.4	10.9	11.4	10.6	9.7
	Mean	8.5	9.9	9.1	7.7	8.6	10.1	9.0	8.3
Dissolved Oxygen (% Saturation)	Min	88.5	88.9	84.9	71.6	80.4	102.9	85.8	72.2
	Max	110.5	111.2	116.6	108.5	129.2	129.0	124.0	114.1
	Mean	96.6	97.9	96.3	87.2	99.9	114.1	103.8	97.9
pH	Min	7.9	7.4		7.4	7.8	7.8	7.8	7.6
	Max	8.4	7.7		7.7	8.5	8.3	8.3	8.2
	Mean	8.1	7.5		7.5	8.1	8.1	8.1	7.9
Turbidity (NTU)	Min	1.7	5.8		0.7	0.4	0.8	1.1	0.02
	Max	6.1	9.1		3.4	2.0	538.9	2.7	857.3
	Mean	3.2	7.4		1.7	1.0	38.5	1.6	46.8

*Station operated seasonally



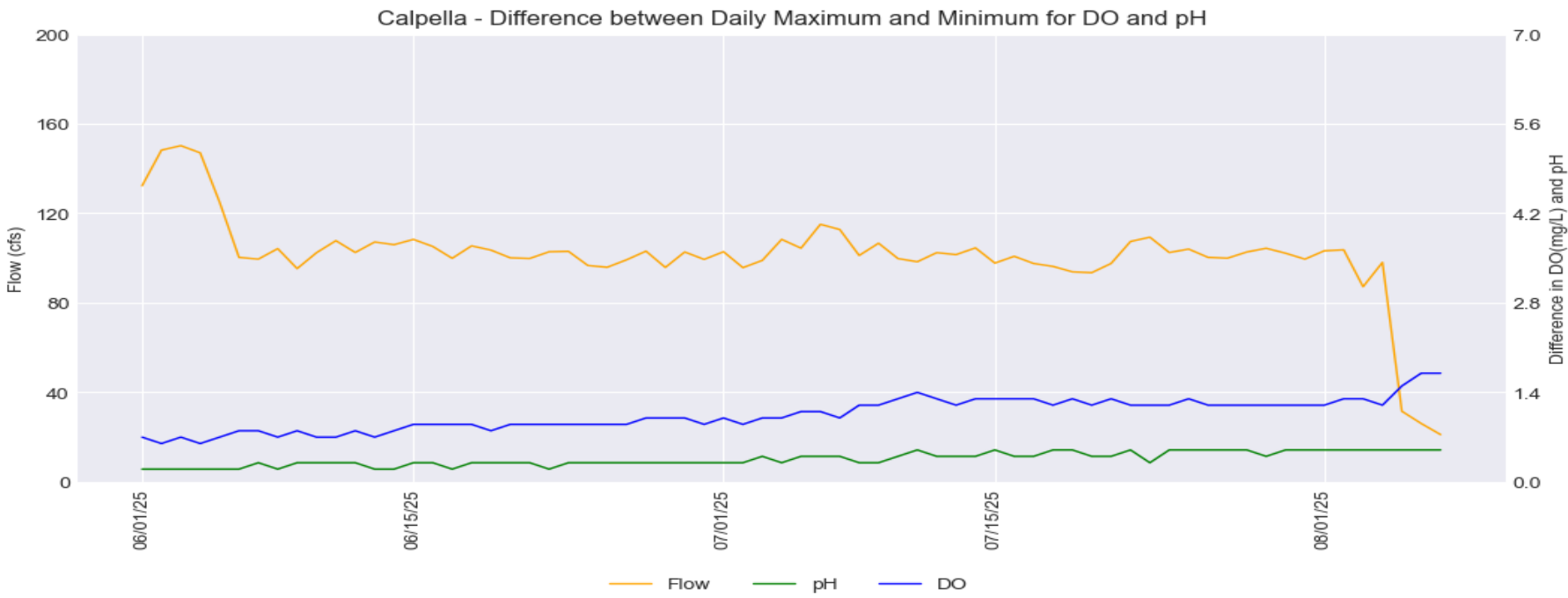
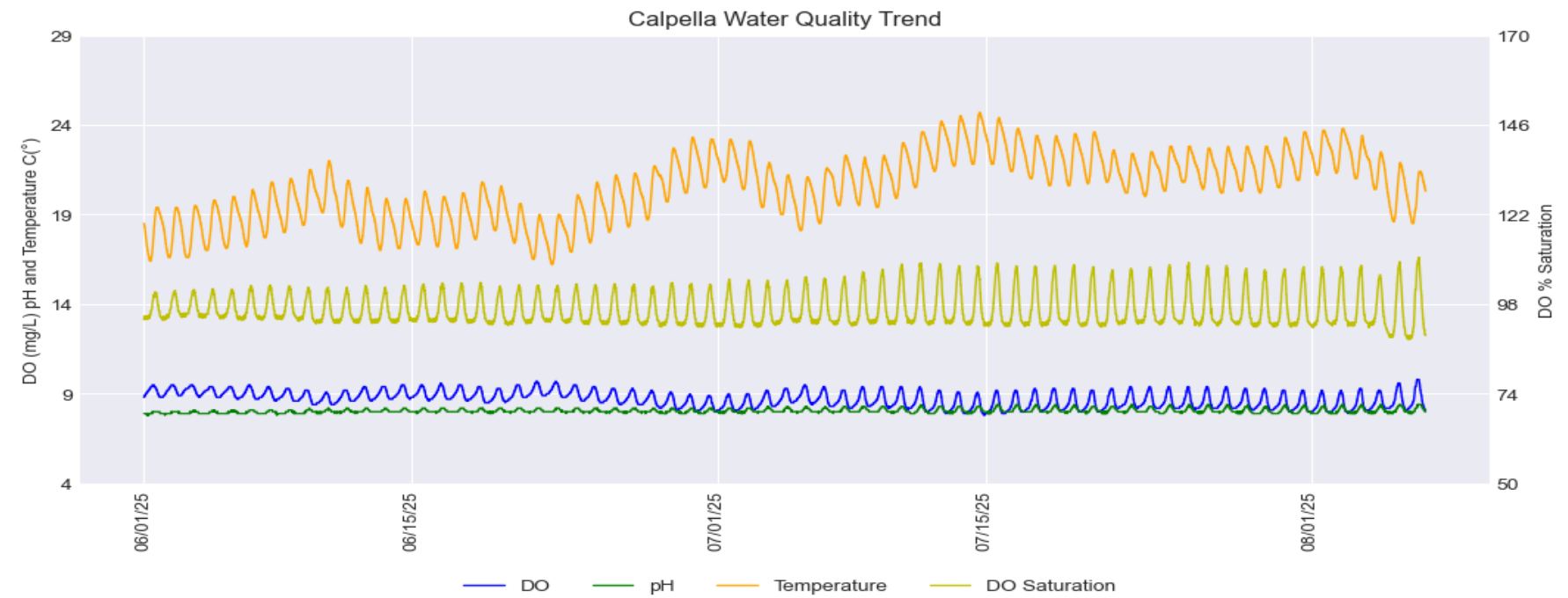
Gage	24-hr Average Flow (cfs)						
	Aug 1, 2025	Aug 2, 2025	Aug 3, 2025	Aug 4, 2025	Aug 5, 2025	Aug 6, 2025	Aug 7, 2025
The Forks*	197	206	210	210	210	210	210
Talmage USGS 11462080	163	172	178	176	172	173	172
Hopland USGS 11462500	162	172	180	177	172	173	169
Cloverdale USGS 11463000	155	157	168	171	165	164	165
Healdsburg USGS 11464000	127	130	134	140	141	138	135
Hacienda USGS 11467000	157	158	162	163	166	167	160

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

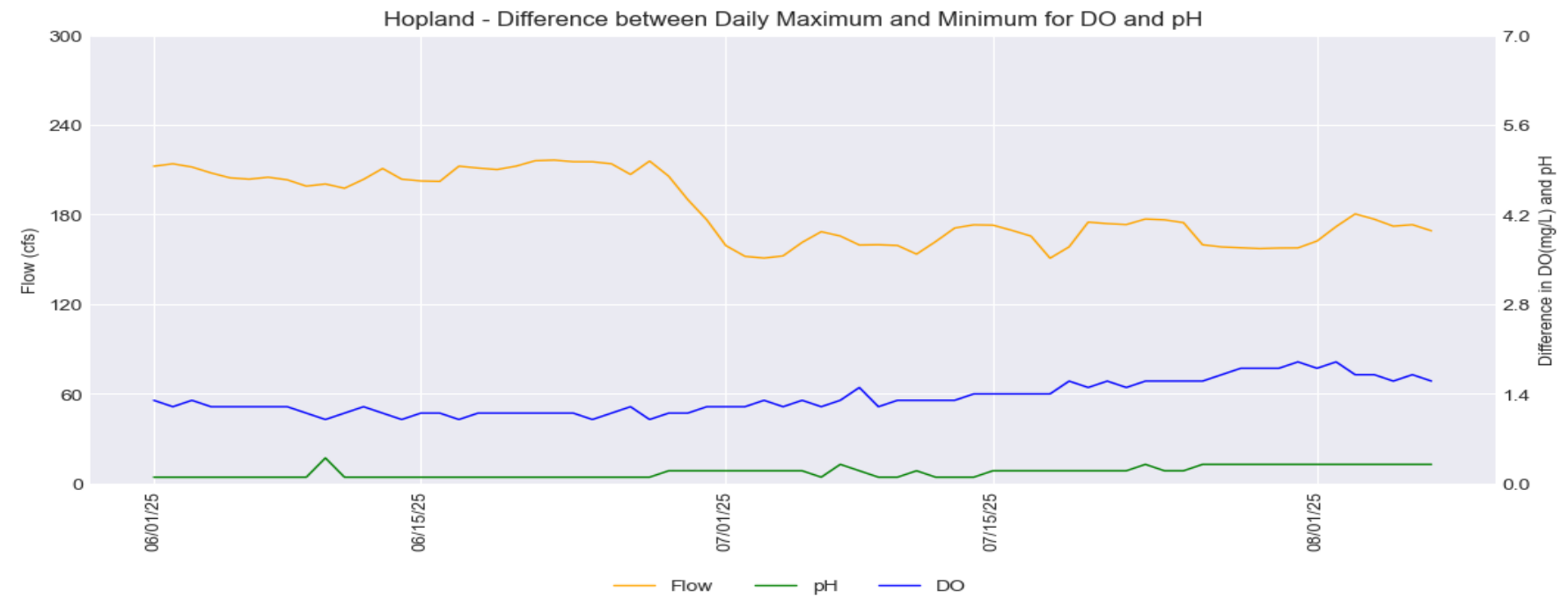
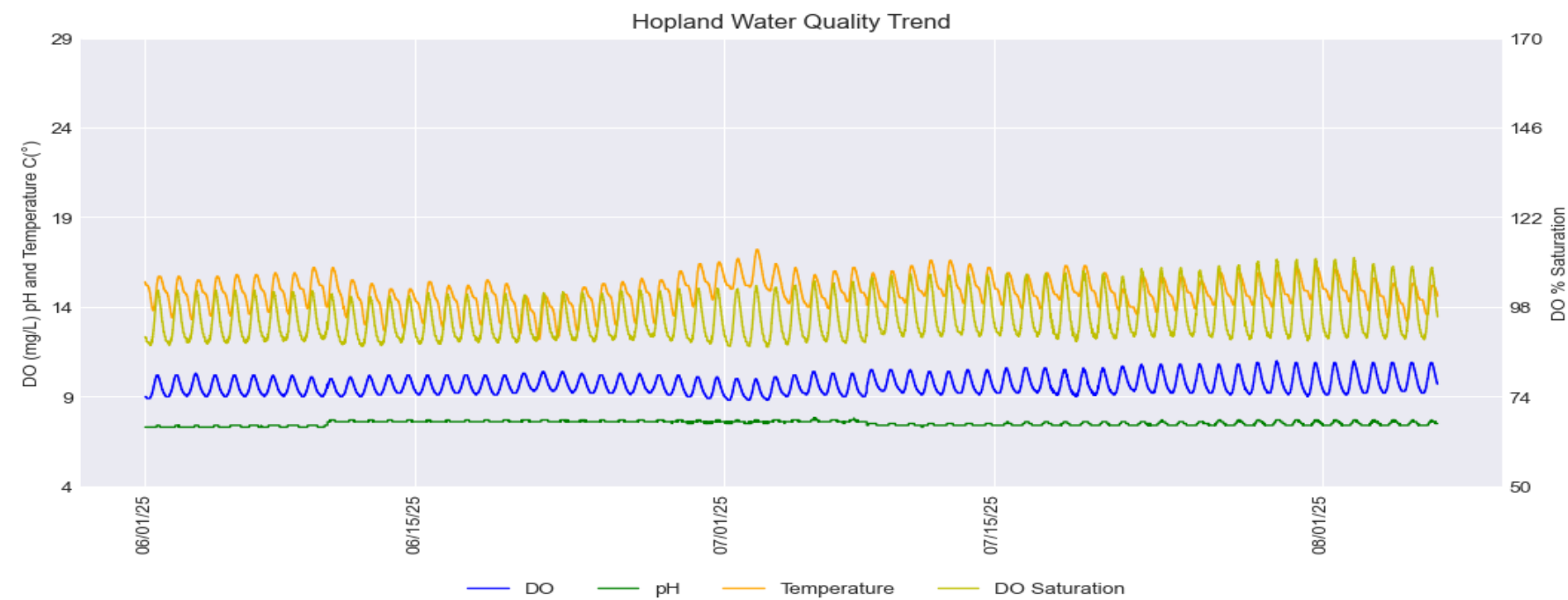


Russian River Water Quality June 1, 2025 – August 7, 2025
Provisional Data Subject to Revision

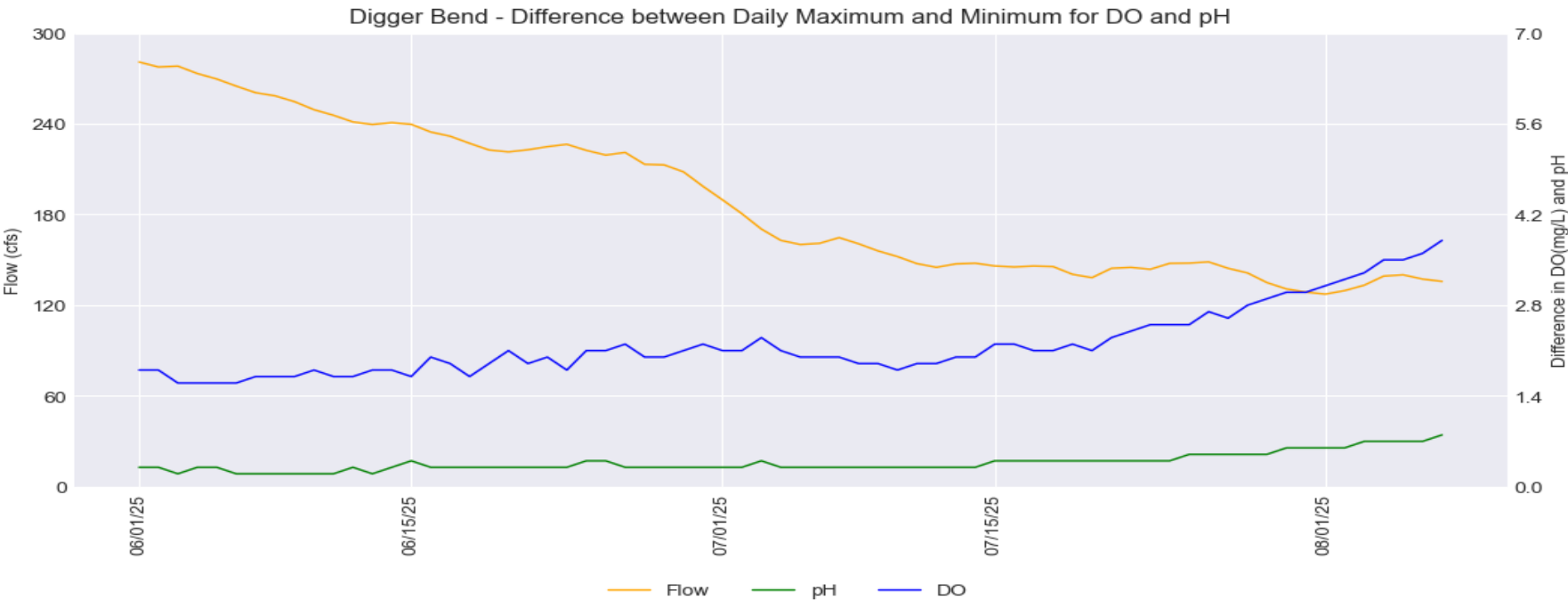
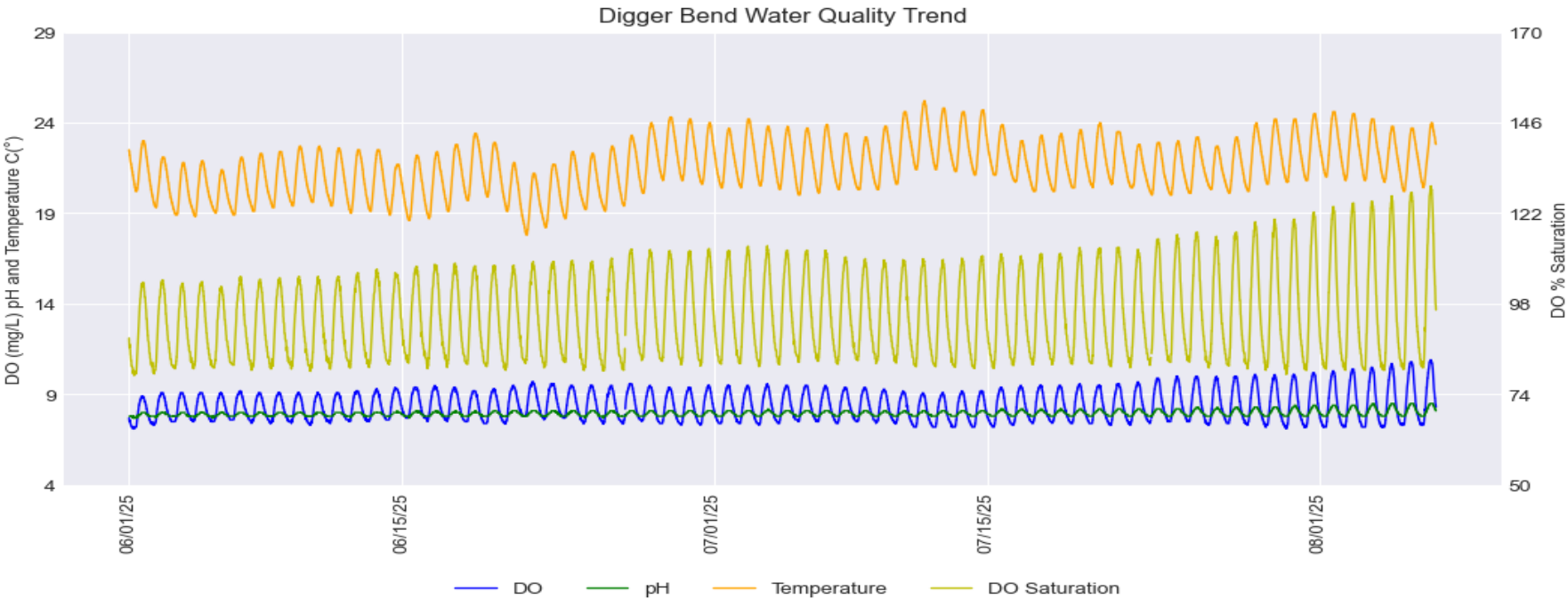
Calpella



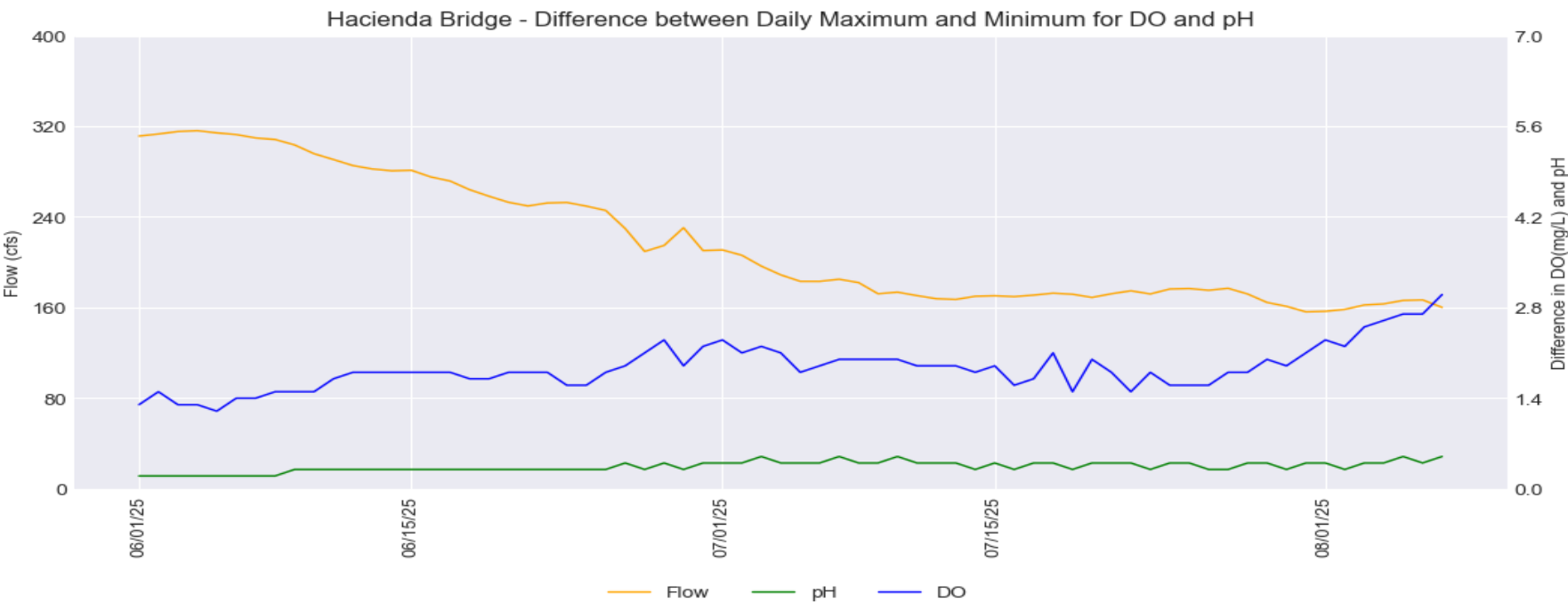
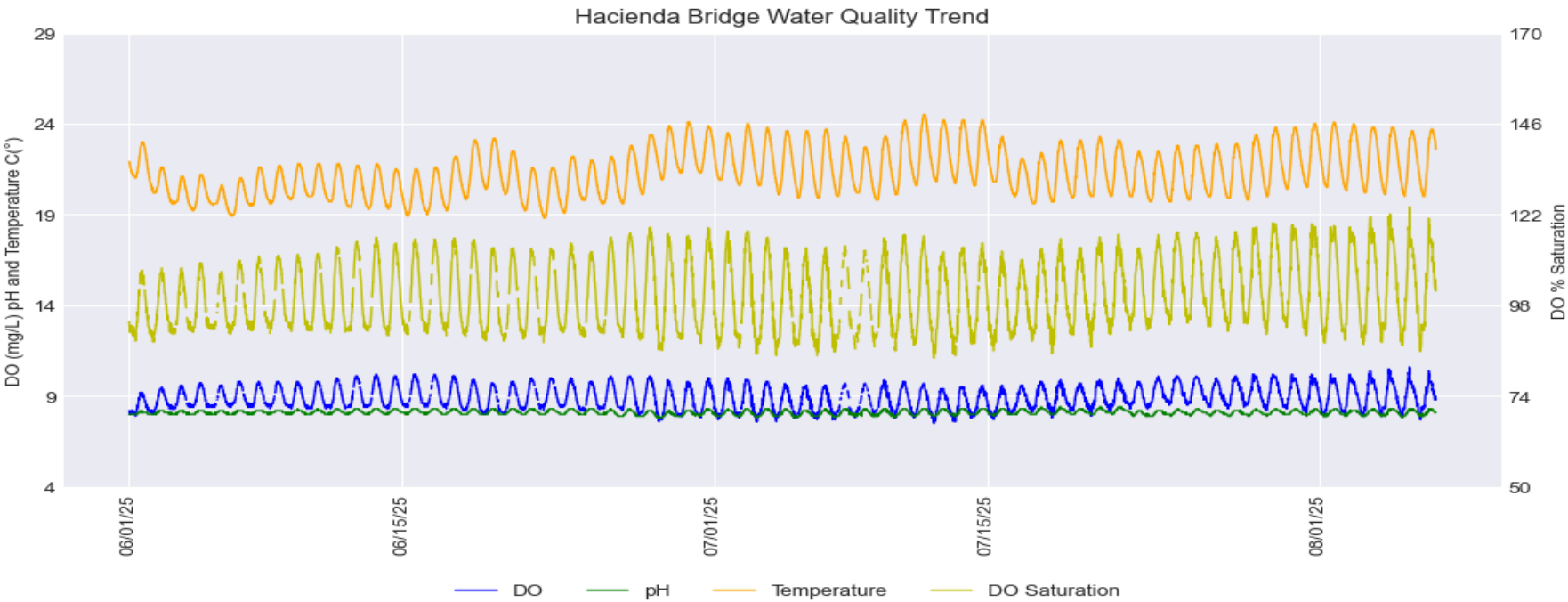
Hopland



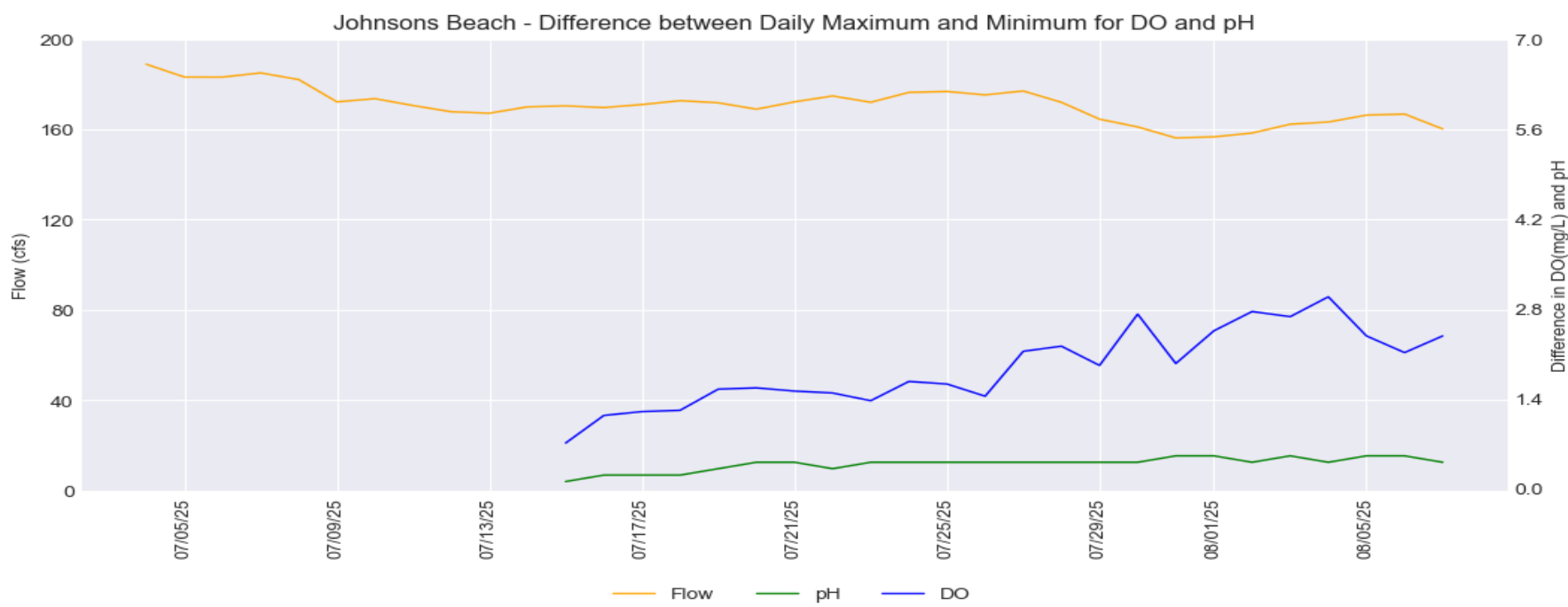
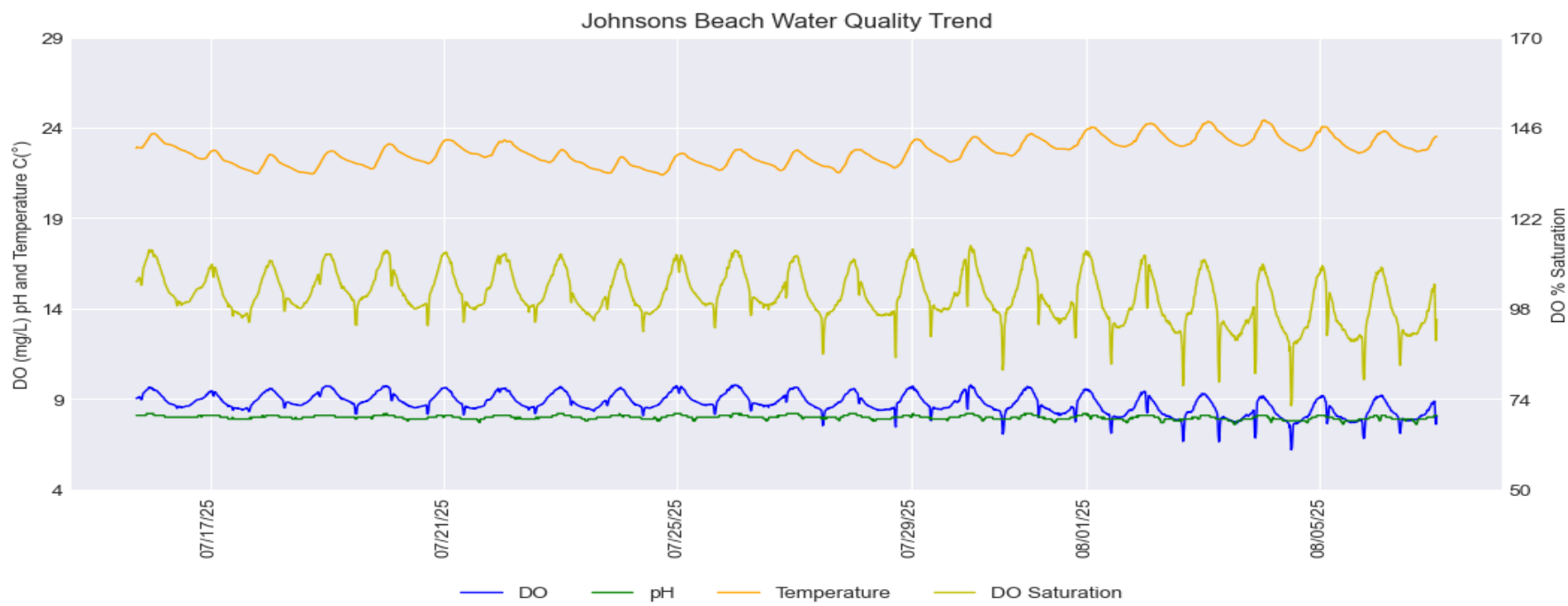
Russian River Water Quality June 1, 2025 – August 7, 2025
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Digger Bend



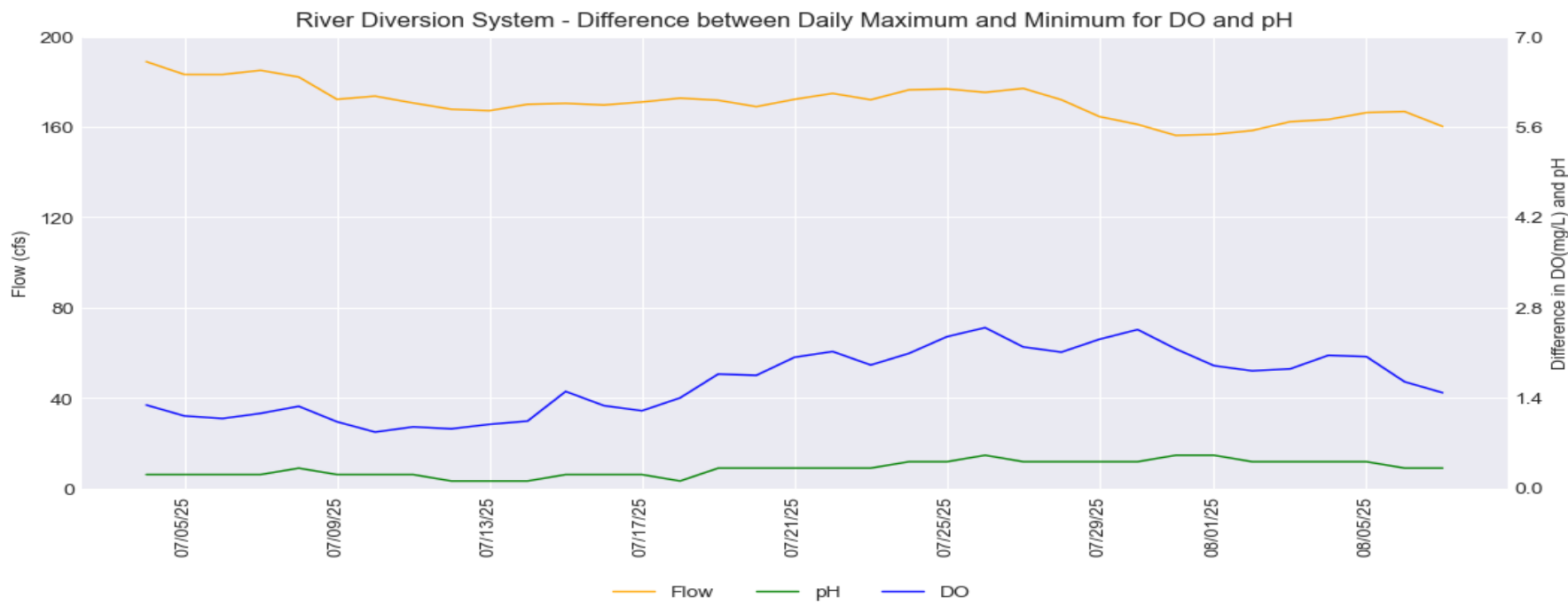
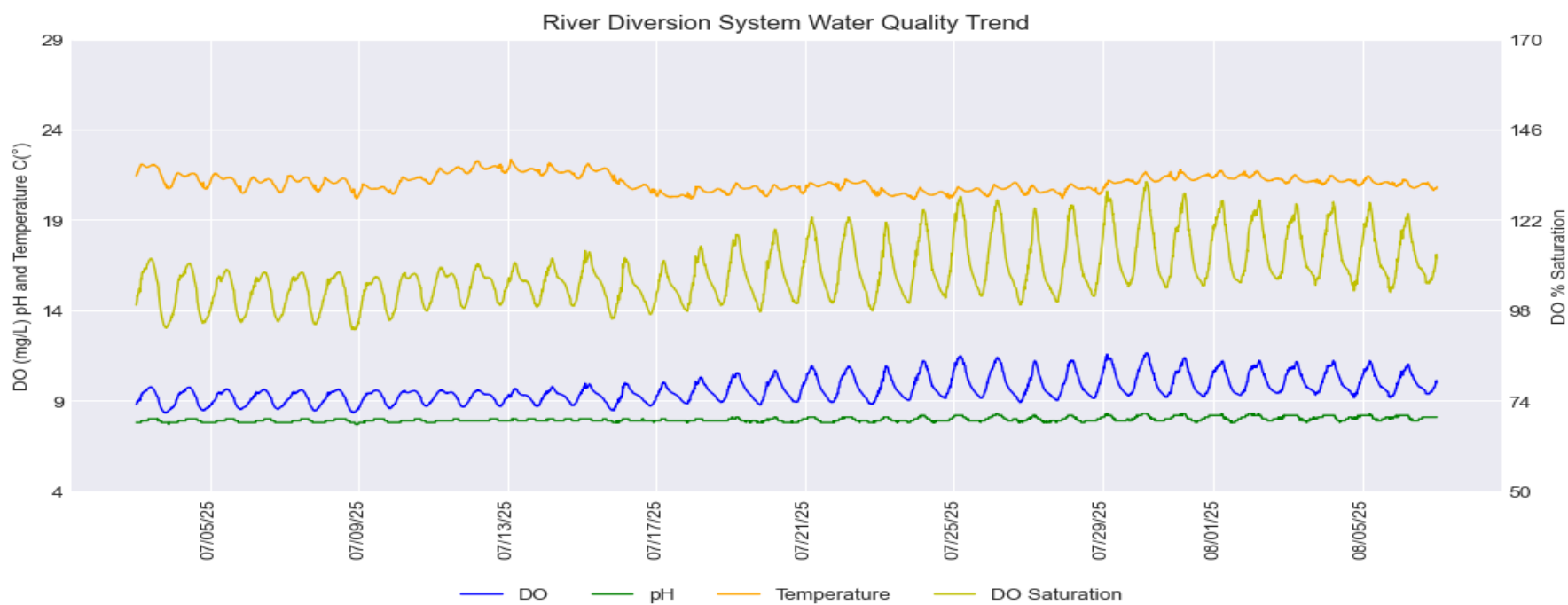
Hacienda Bridge



Russian River Water Quality July 3, 2025 – August 7, 2025
Provisional Data Subject to Revision
Johnsons Beach

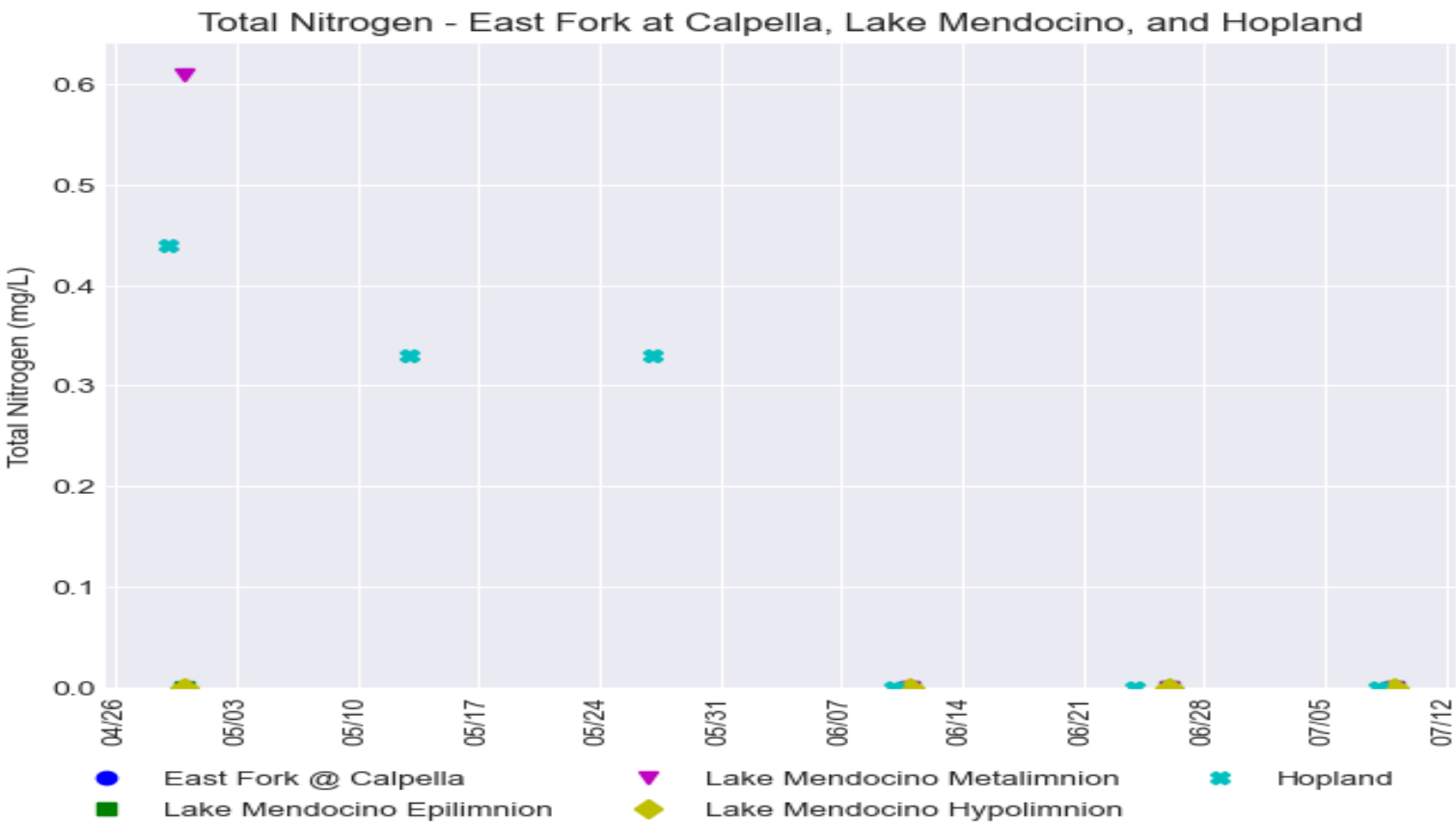
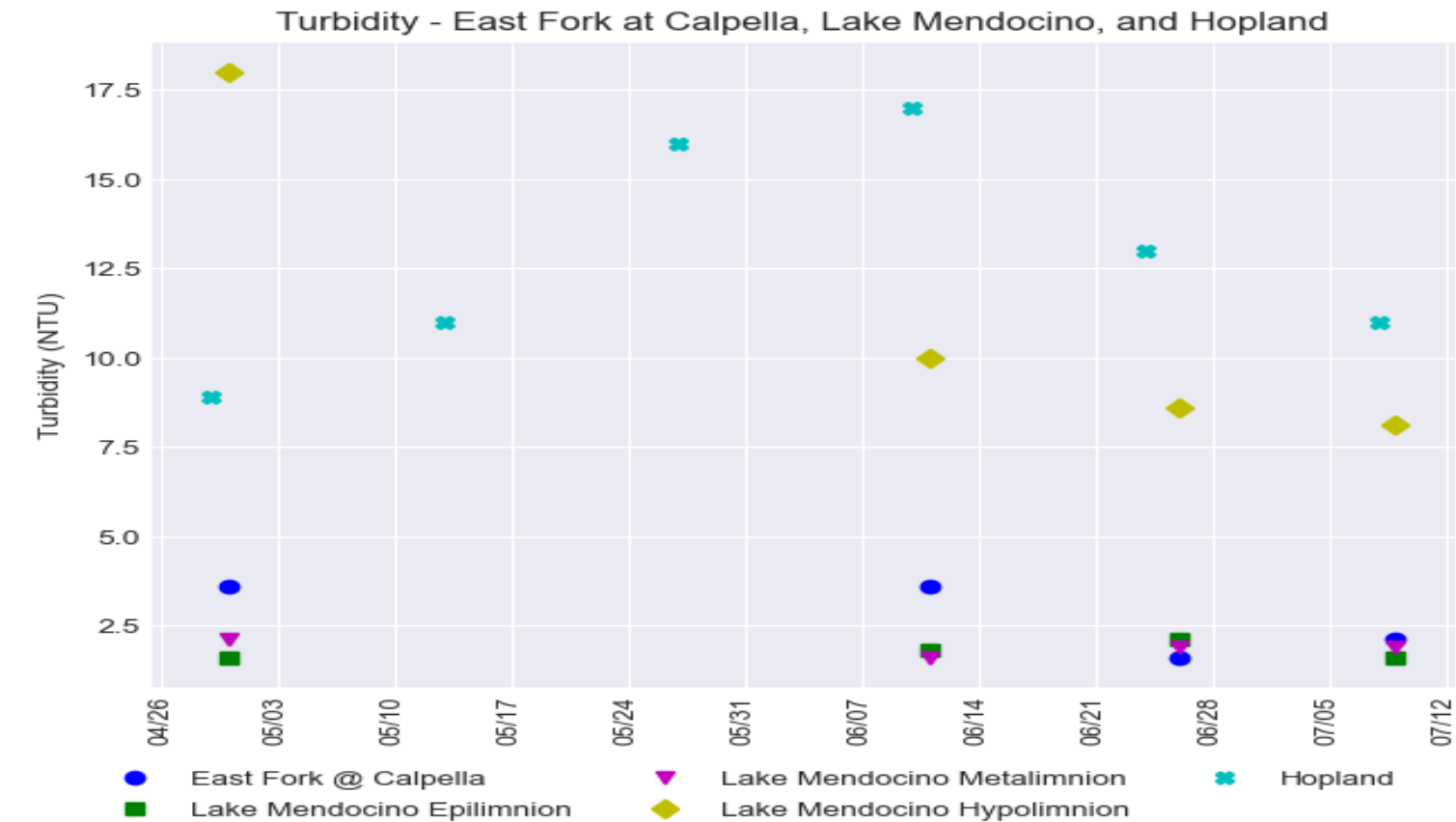
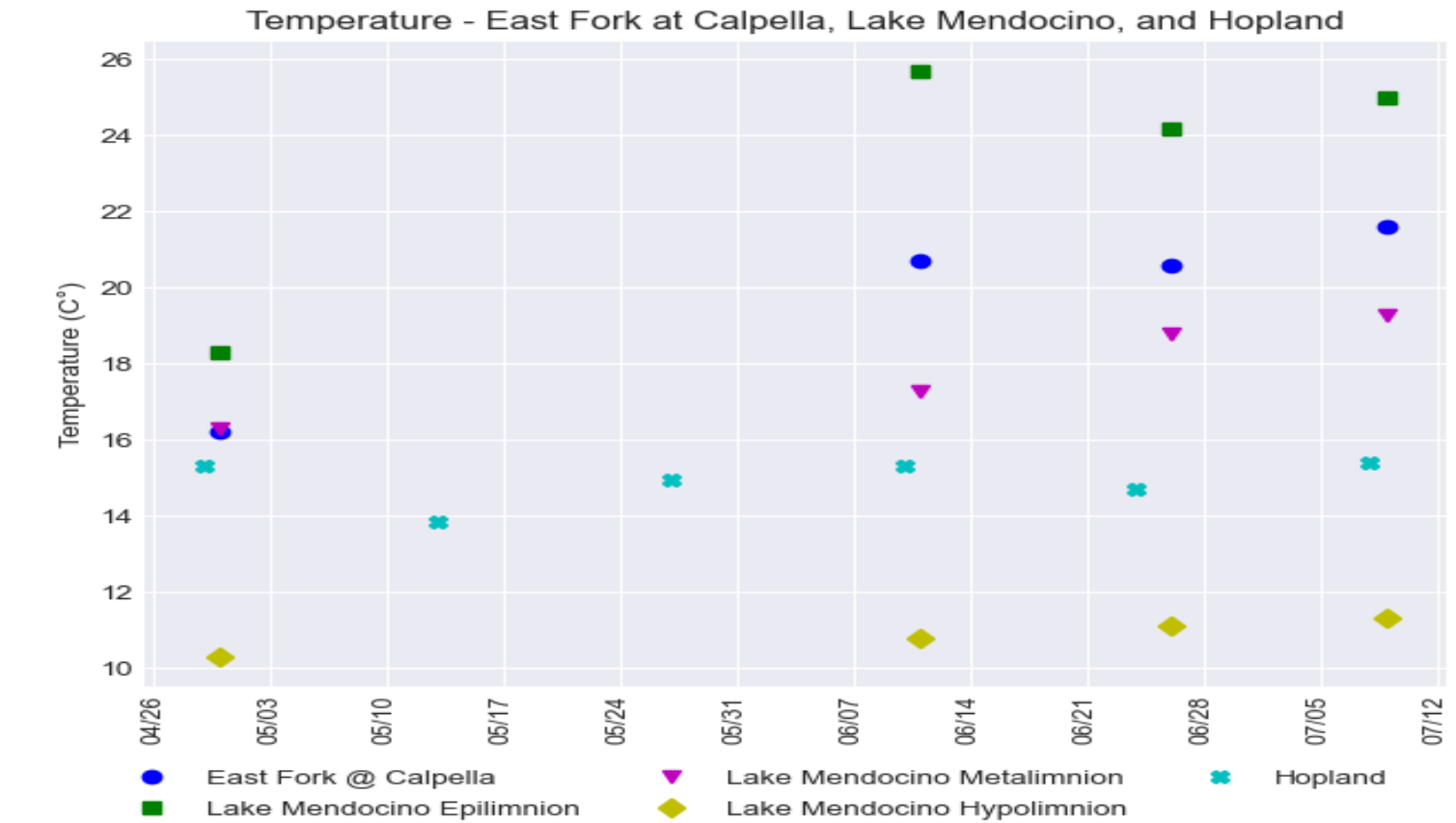


River Diversion System at Mirabel

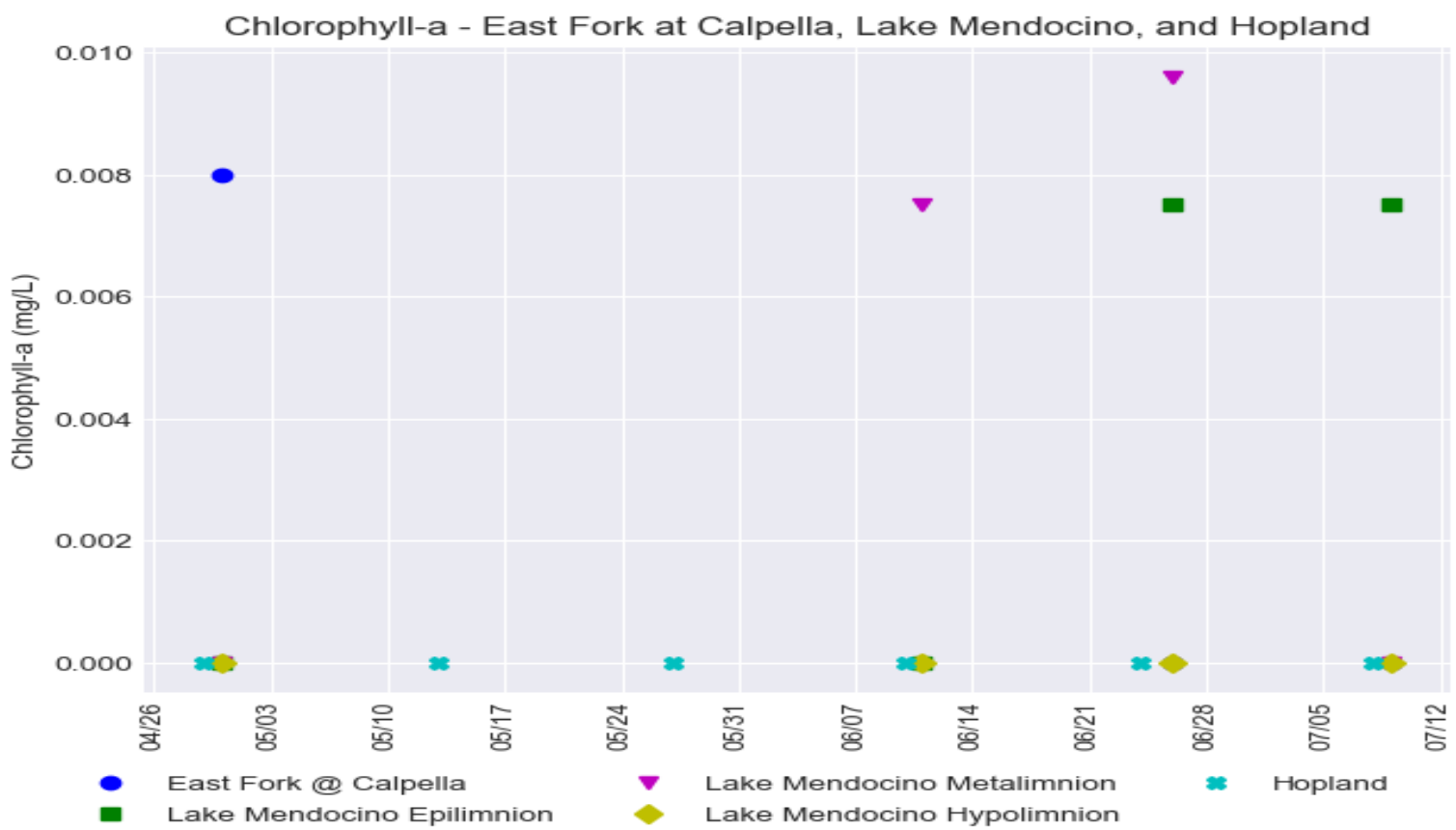
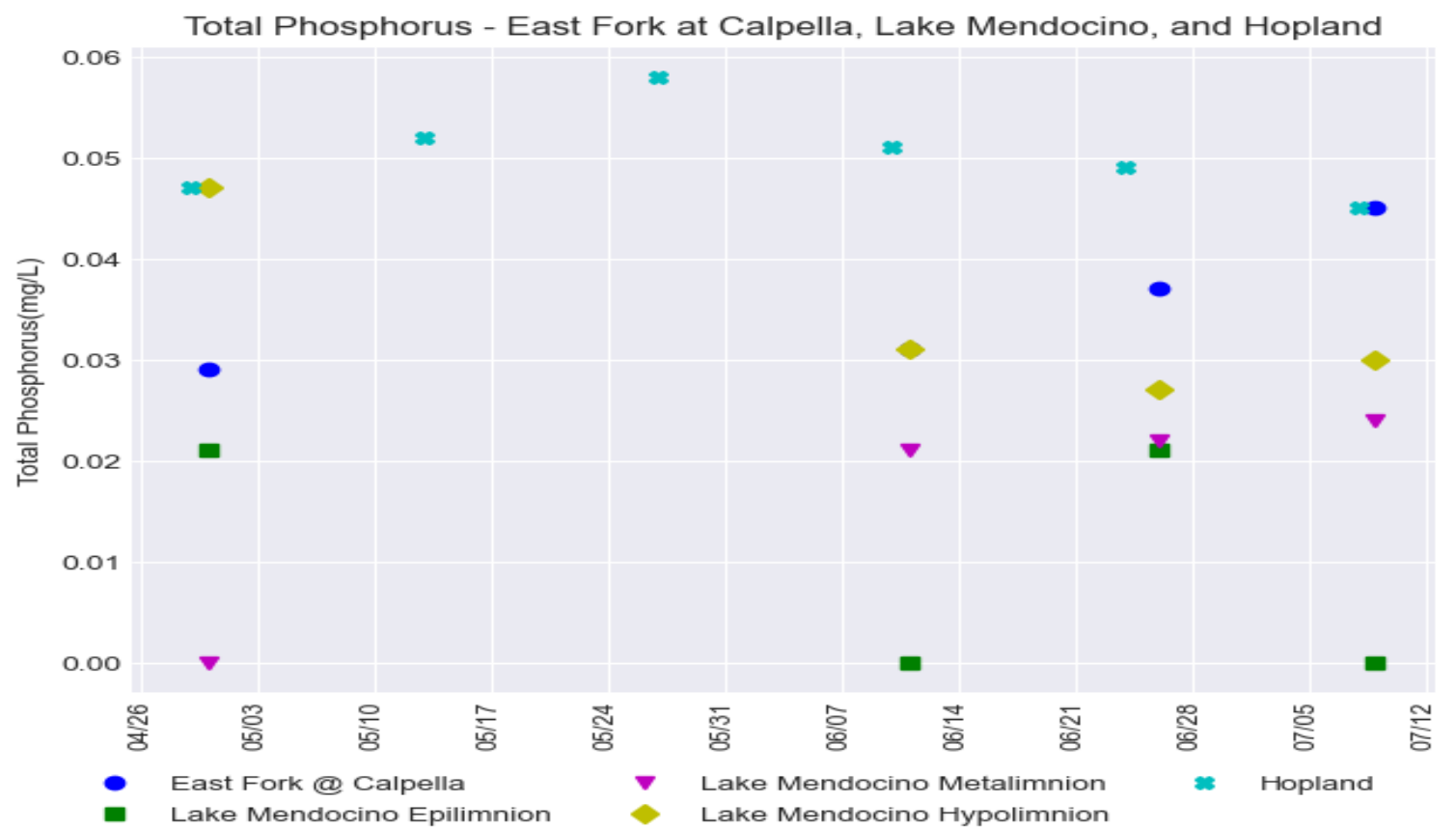


Russian River Water Quality Grab Samples

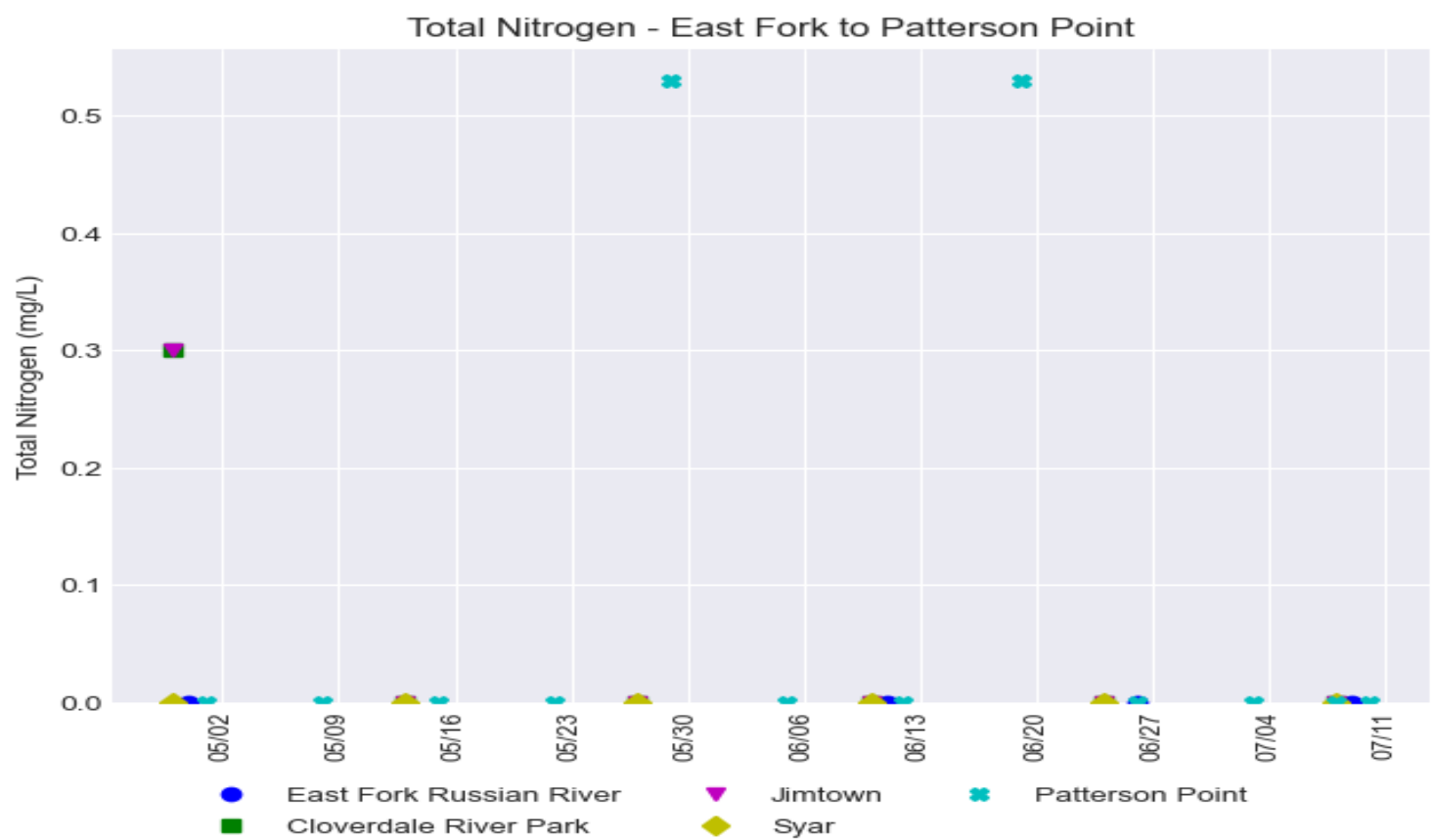
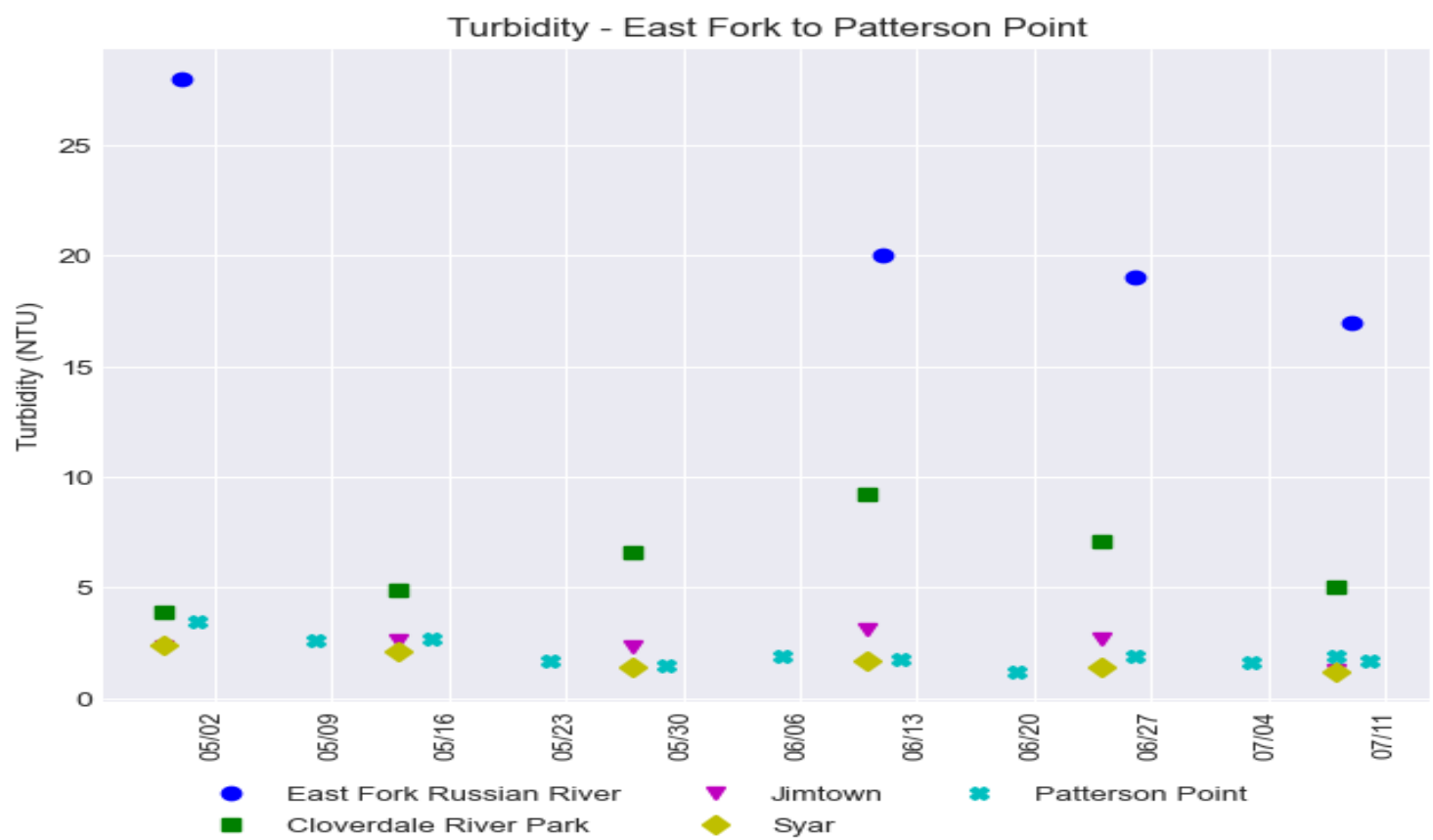
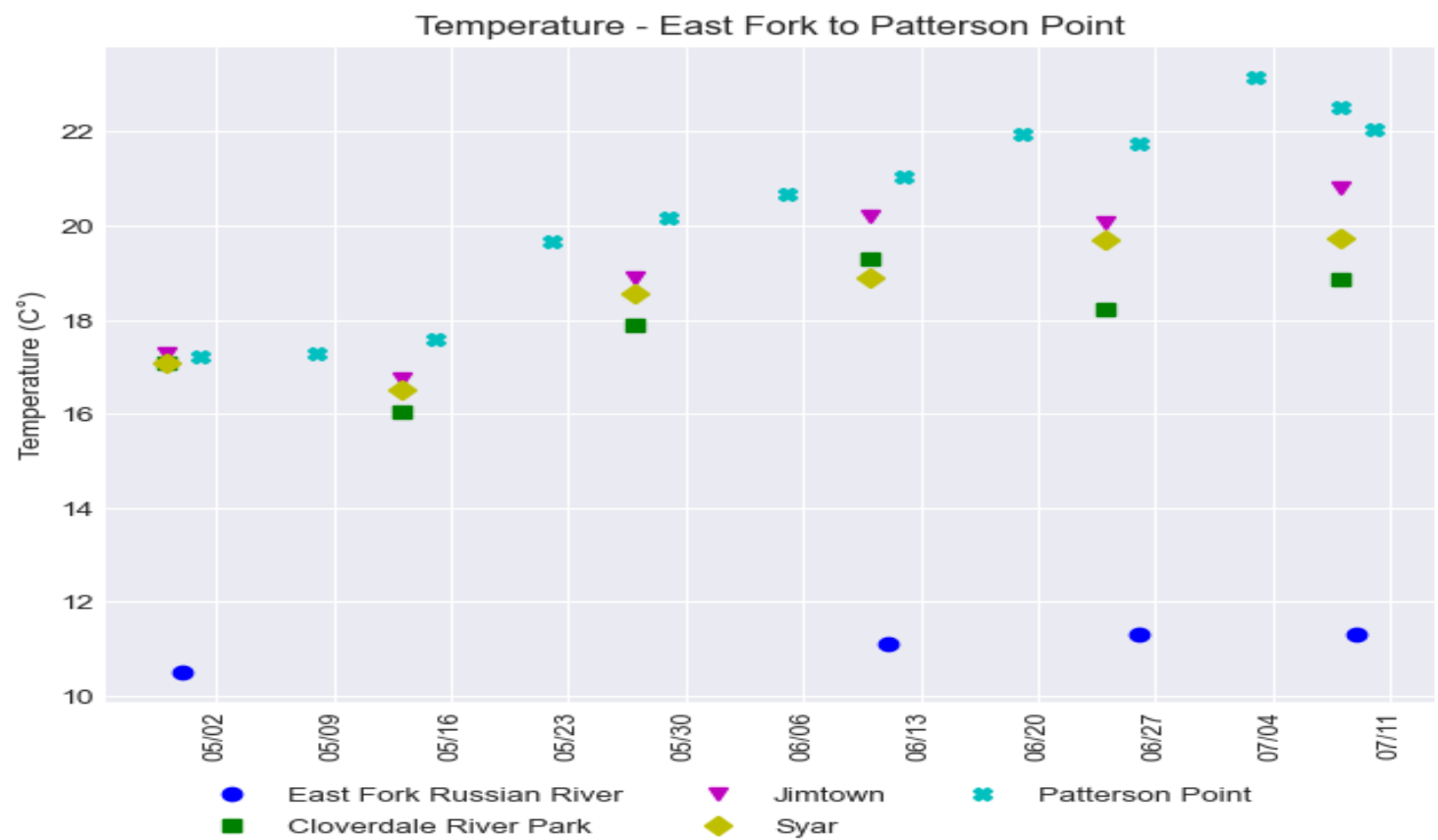
Provisional Data Subject to Revision



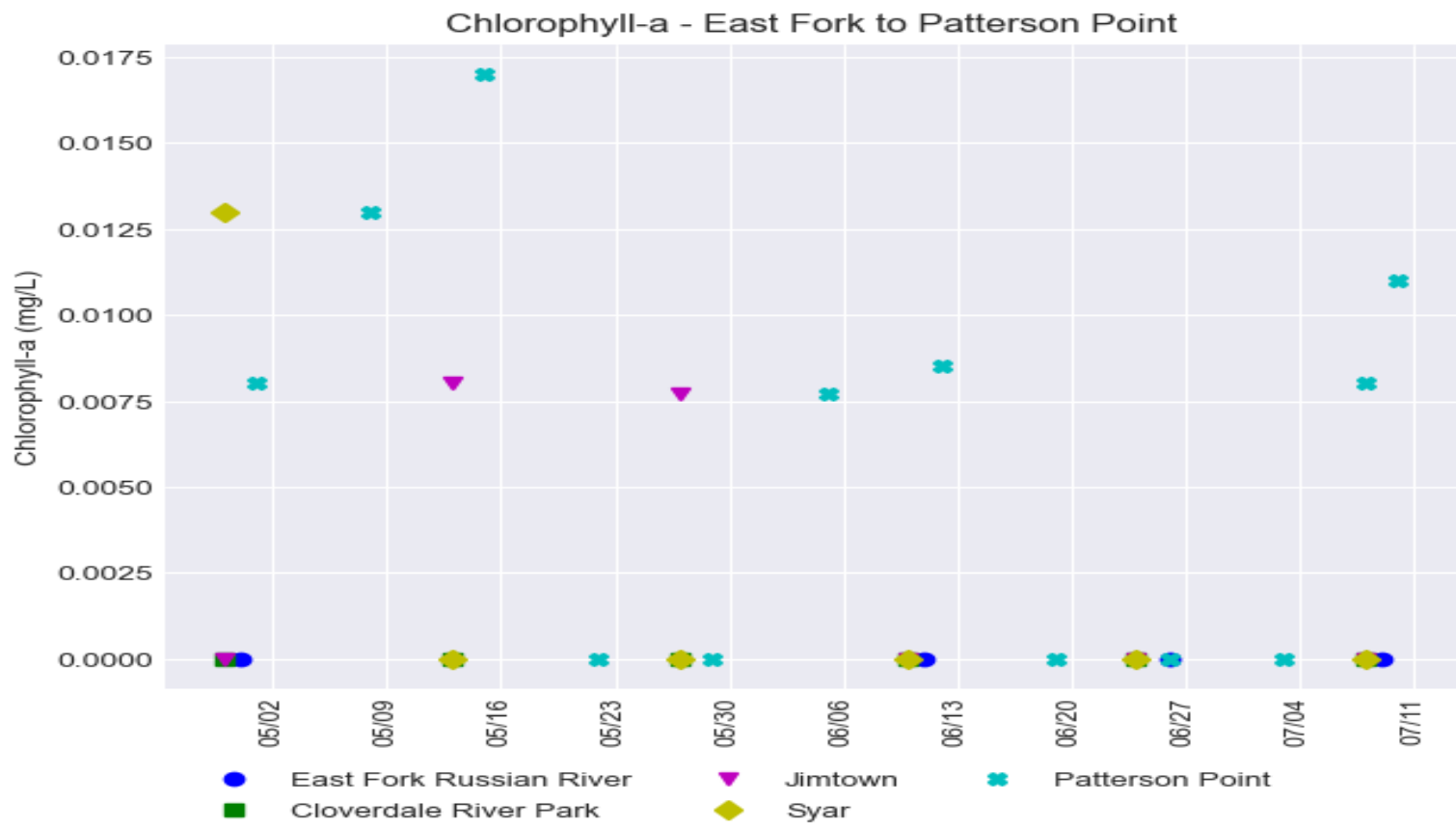
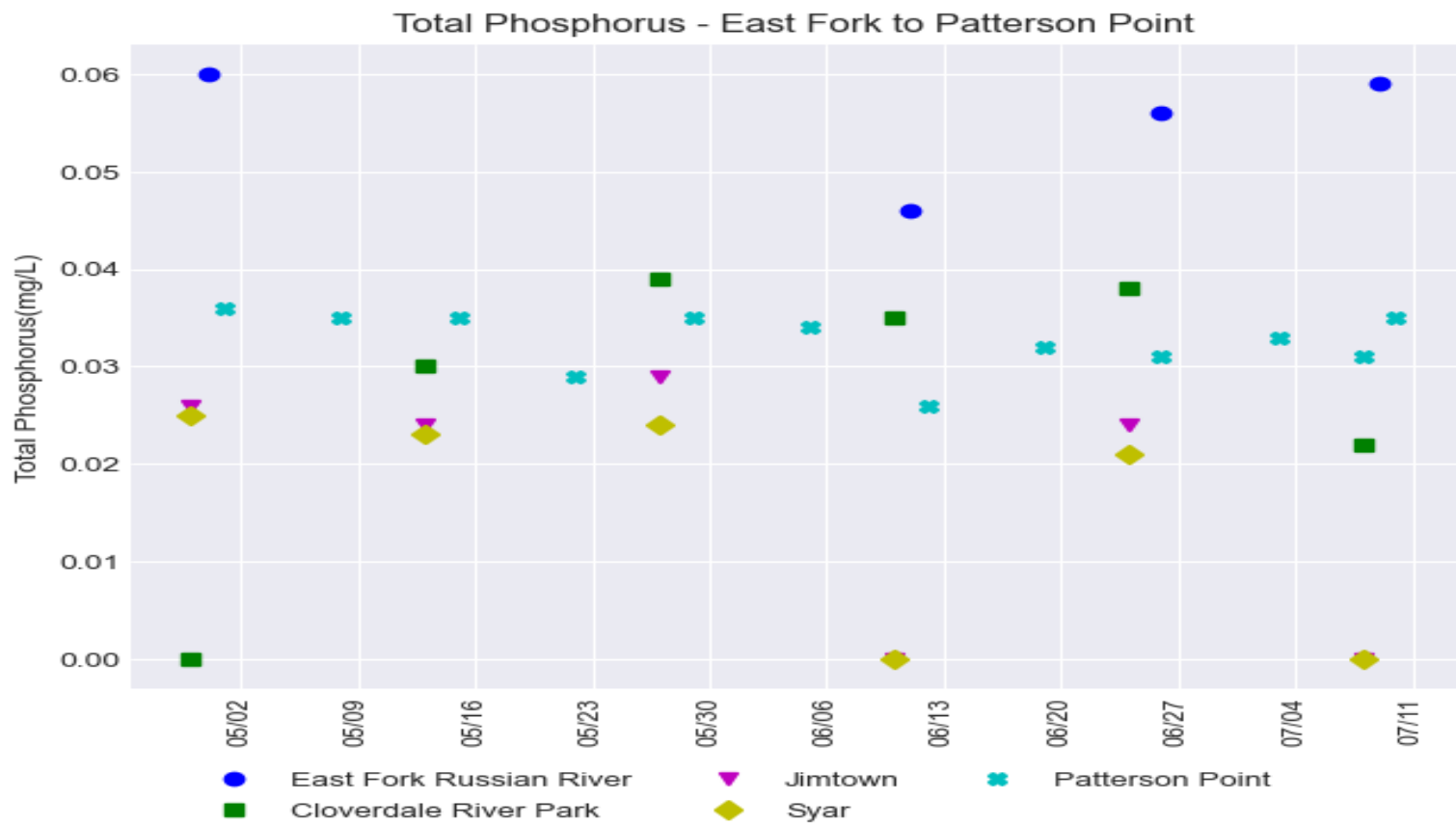
Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



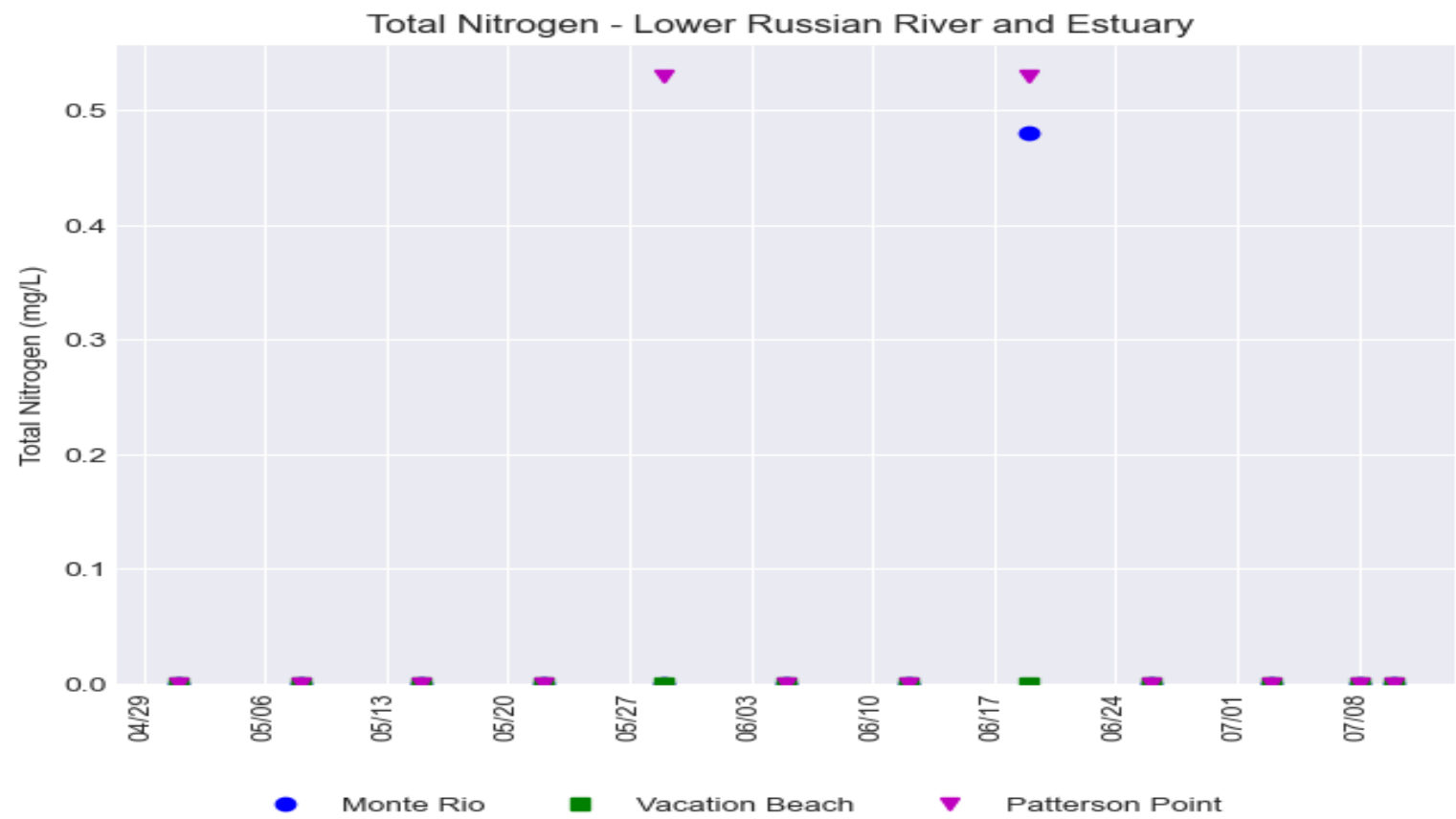
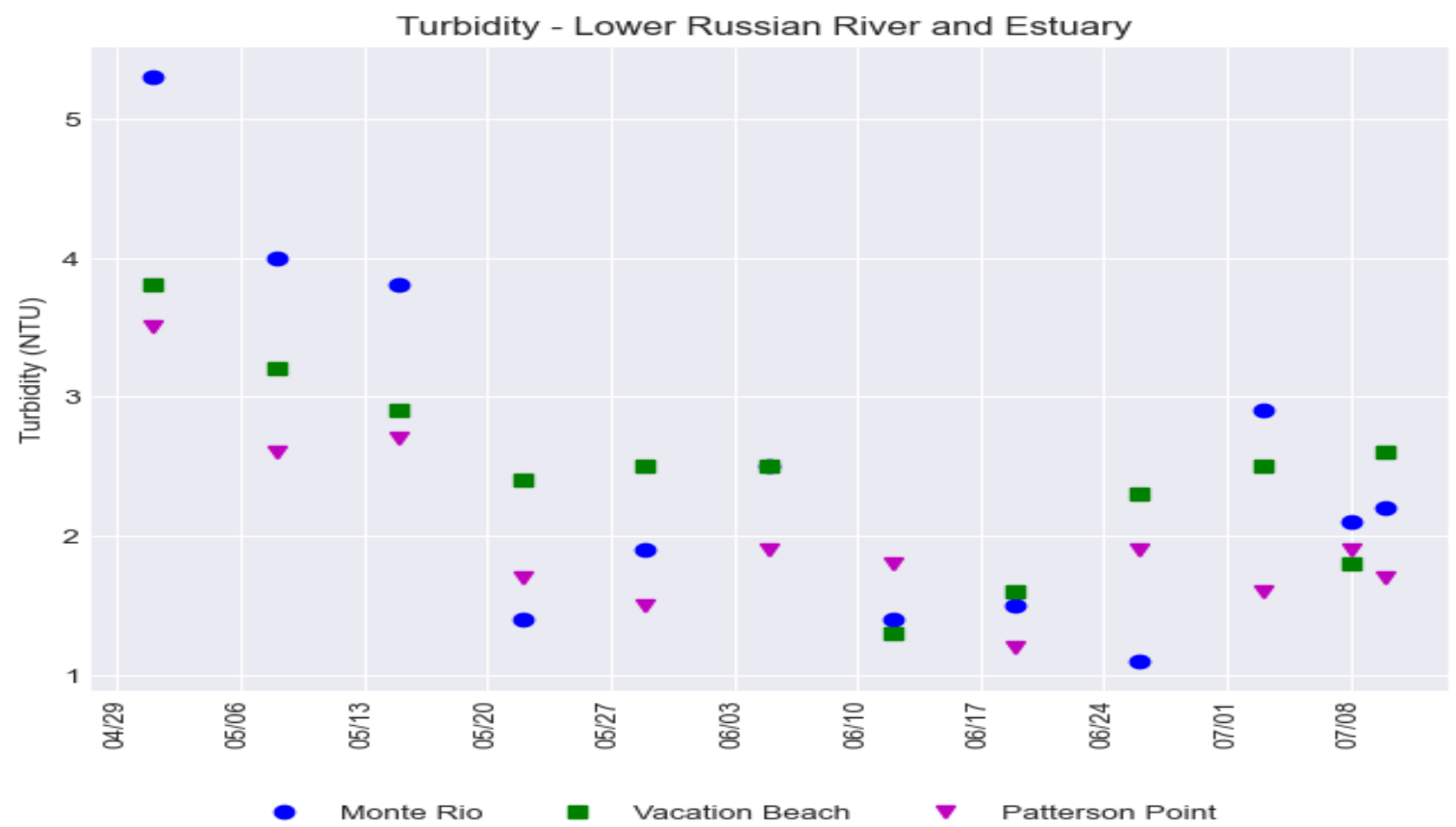
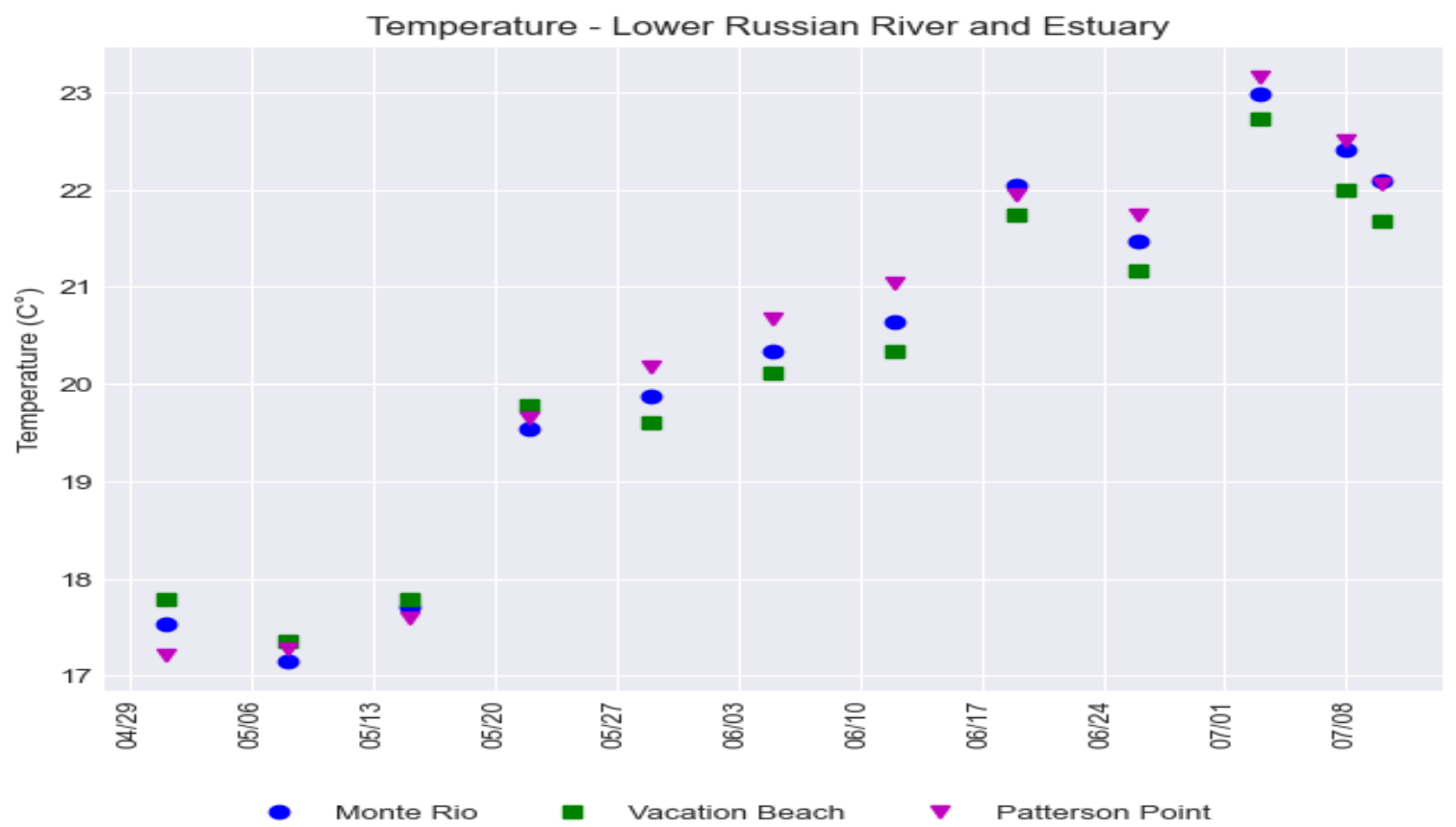
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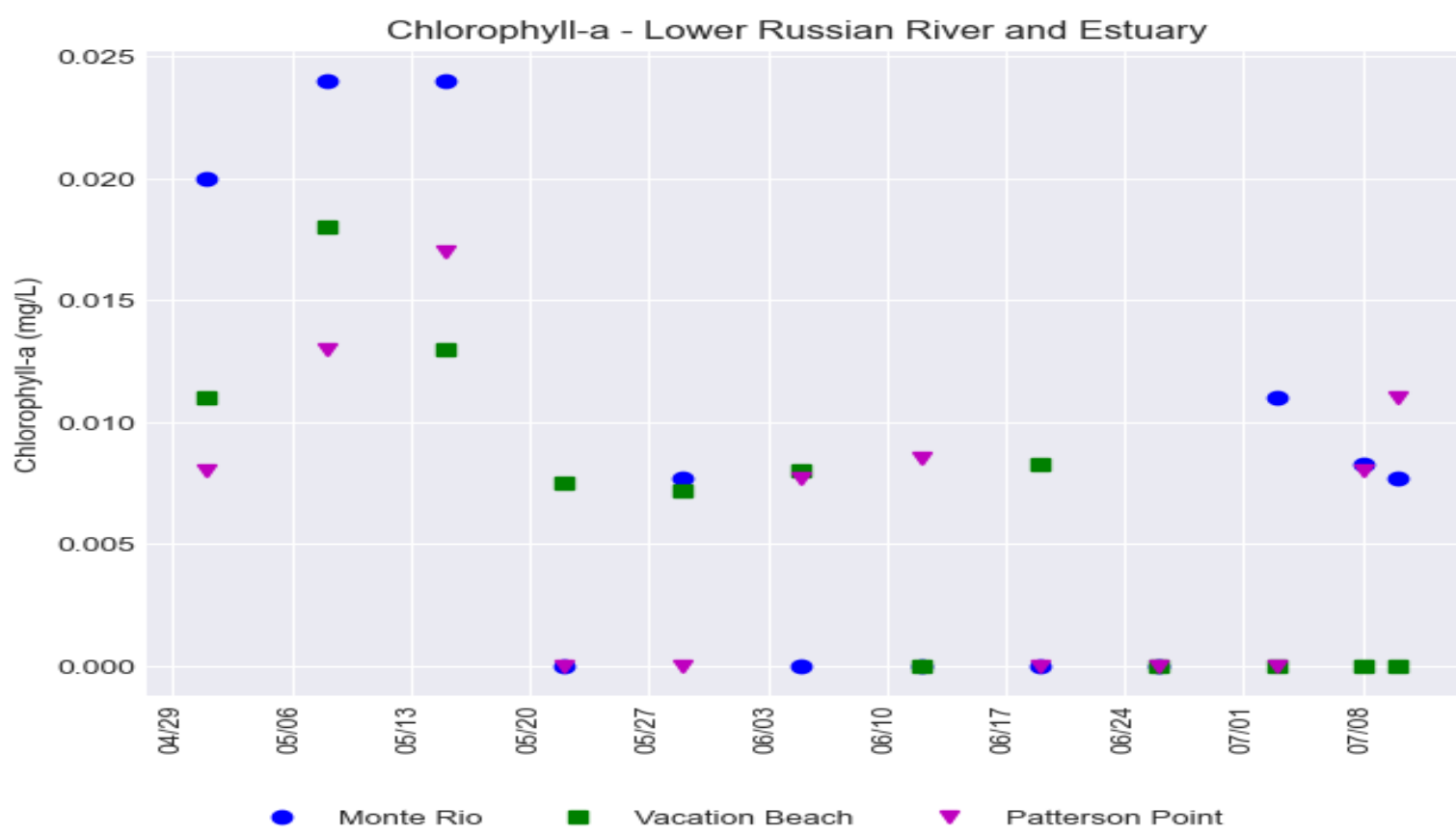
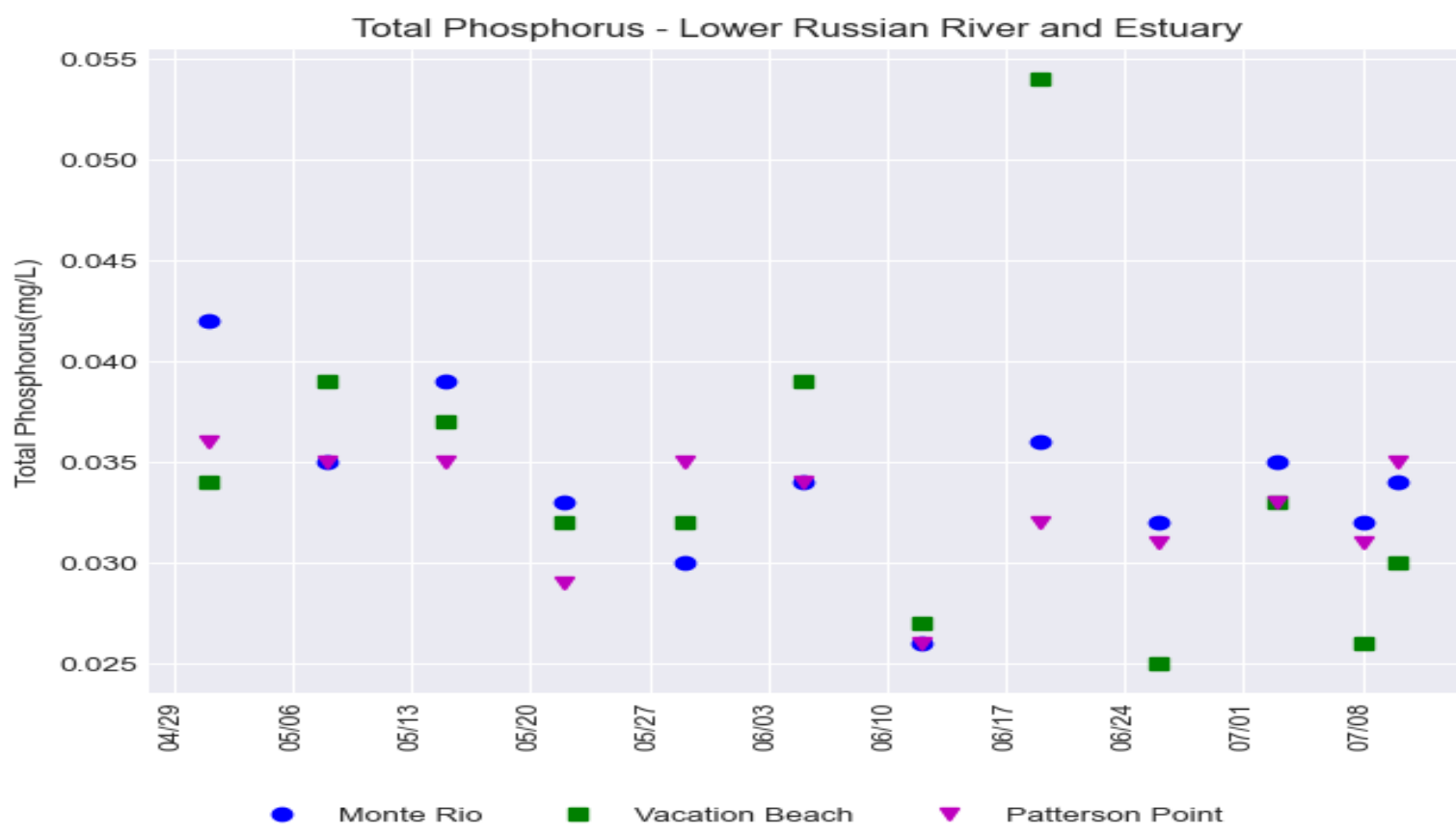


Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



Russian River Water Quality Grab Samples (June 12 - July 24, 2025)
Provisional Data Subject to Revision

Russian River Estuary Standard Bacterial Indicators

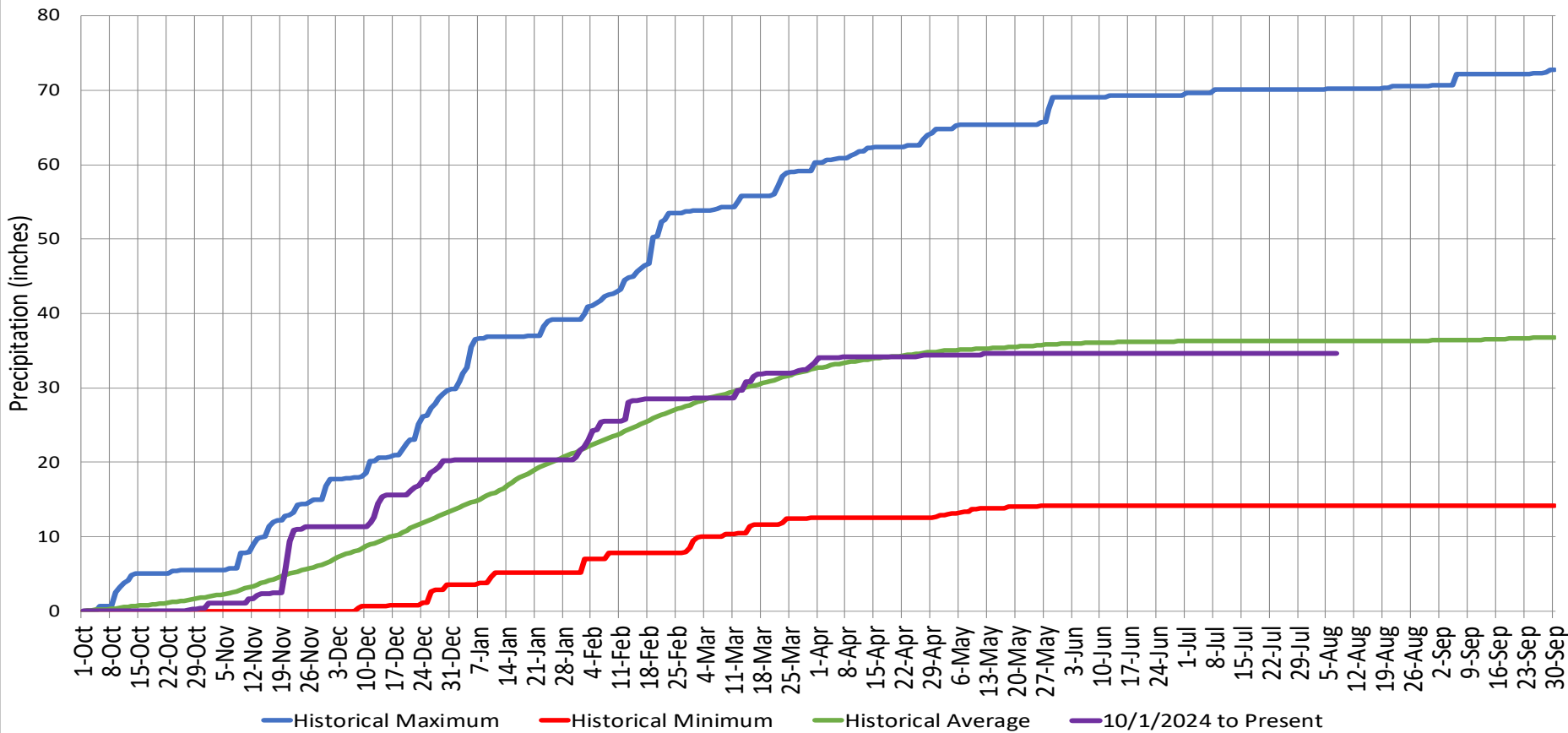
Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	6/12/2025	1725**	1153**	1664**
		6/19/2025	1497**	2613**	2909**
		6/26/2025	3076**	3130**	2359**
		7/3/2025	2143**	2481**	2098**
		7/8/2025	2851**	3076**	2247**
		7/10/2025	2359**	3873**	3255**
		7/17/2025	2755**	2613**	2187**
		7/24/2025	2382**	1850**	1211**
E. Coli MPN/100 mL	235	6/12/2025	15.8	47.9	14.2
		6/19/2025	15.8	33.1	36.4
		6/26/2025	22.6	18.7	12
		7/3/2025	6.3	14.5	6.3
		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
Enterococcus MPN/100 mL****	61	6/12/2025	8.6	12.2	5.1
		6/19/2025	9.7	12.1	81.3
		6/26/2025	44.8	28.8	29.2
		7/3/2025	12.1	8.5	14.4
		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

*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

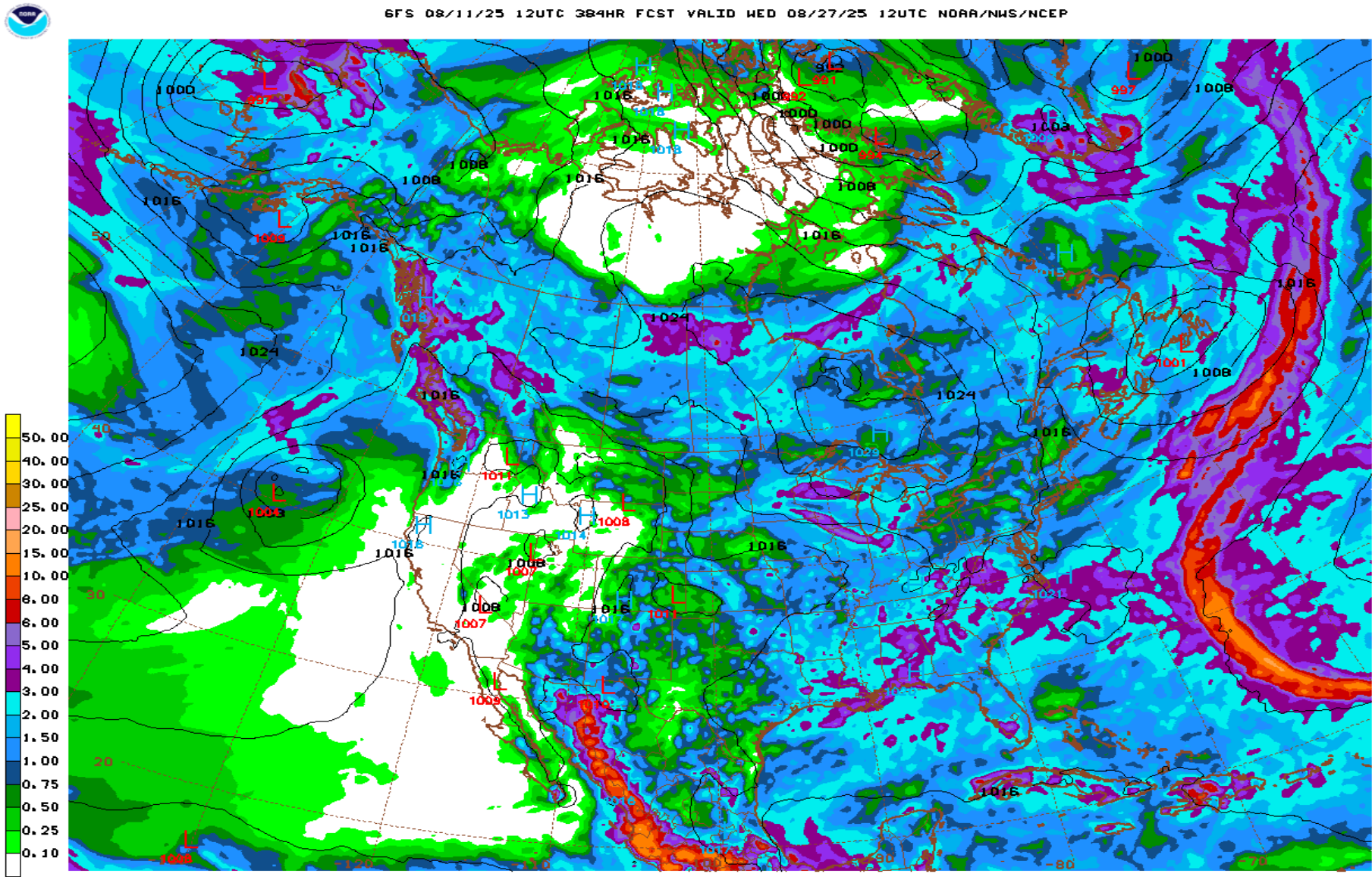
Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2024 - Aug 7, 2025	34.61
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



Global Forecast System Model 16-day Cumulative Precipitation Forecast

6FS 08/11/25 12UTC 384HR FCST VALID WED 08/27/25 12UTC NOAA/NWS/NCEP



6FS_WED_250827/1200V384_EMSL (4MB), 384HR ACCUMULATED PRECIP (IN)

Date Range	Forecasted Cumulative (inches)
Aug 11 - Aug 27, 2025	0.00