



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
July 25, 2025 - July 31, 2025

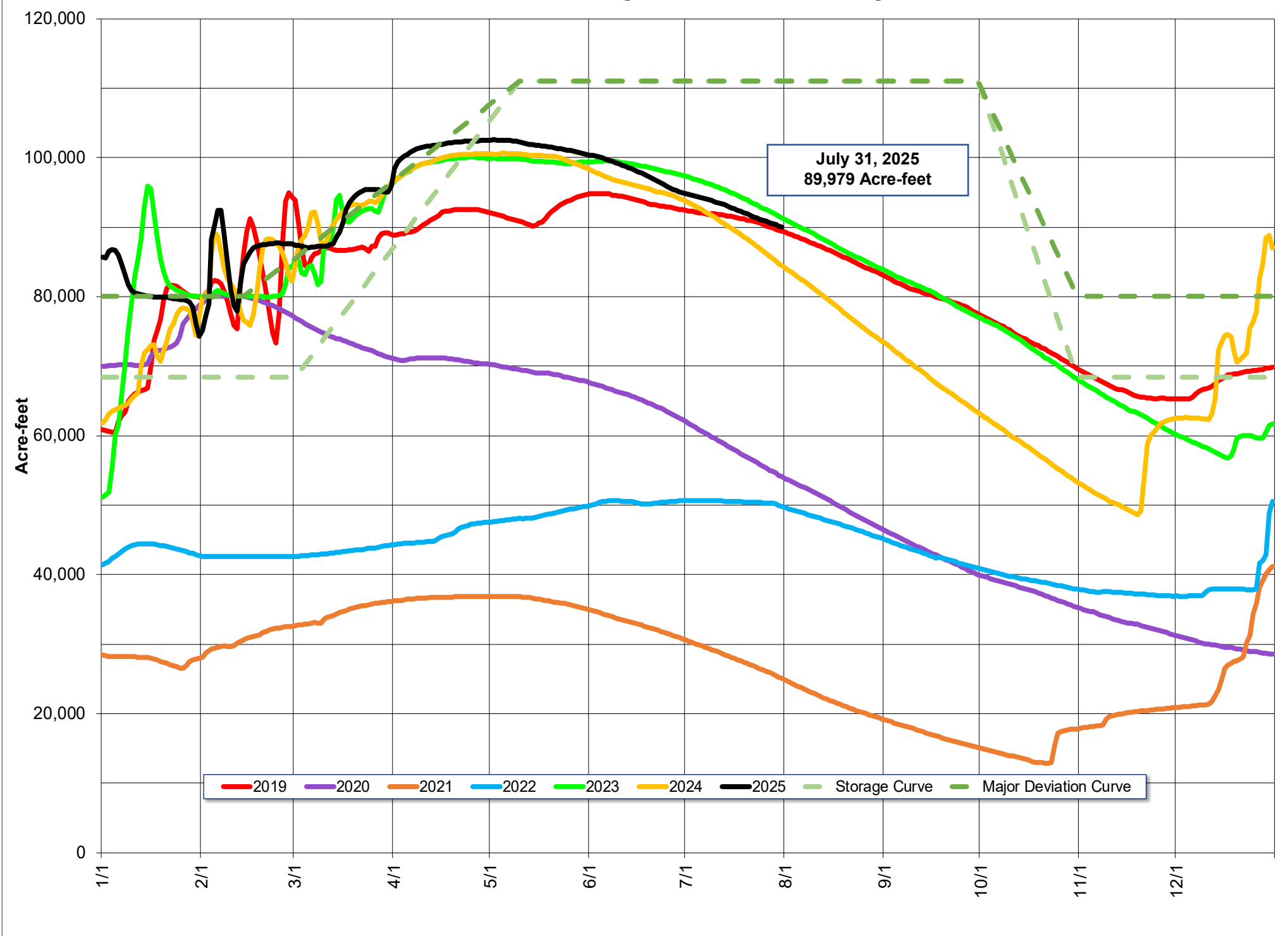
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of July 31, 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

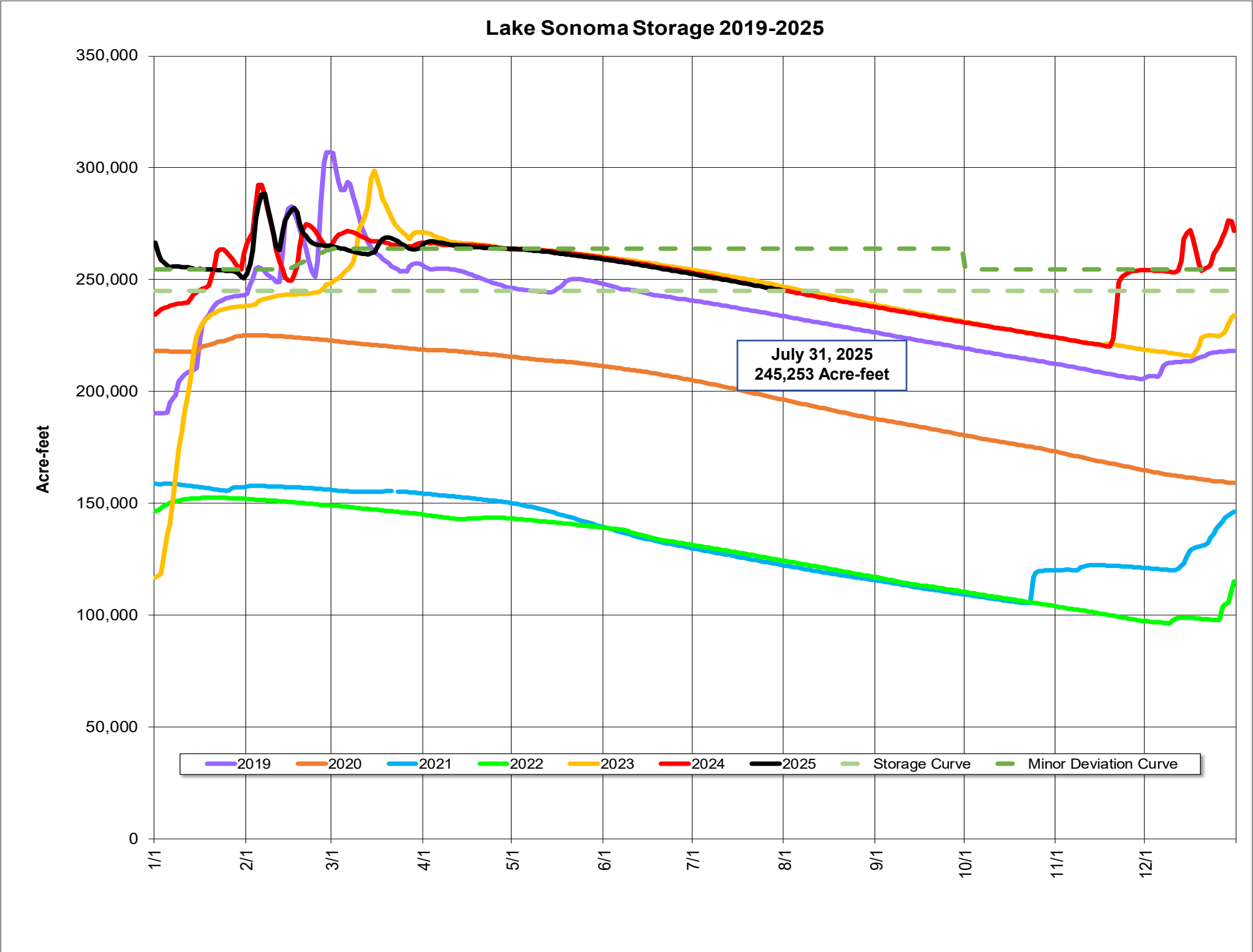
Lake Mendocino Storage 2019 - 2025 and Storage Curve



Storage (acre-feet)	July 31, 2025	89,979	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-4,868	-162
	Last 7 days	-985	-141
Daily Inflow (cfs)	Last 7 days	Min	117
		Max	135
		Mean	122
Release (cfs)	Last 7 days	Min	185
		Max	195
		Mean	189



Todd Schram, February 10 , 2024



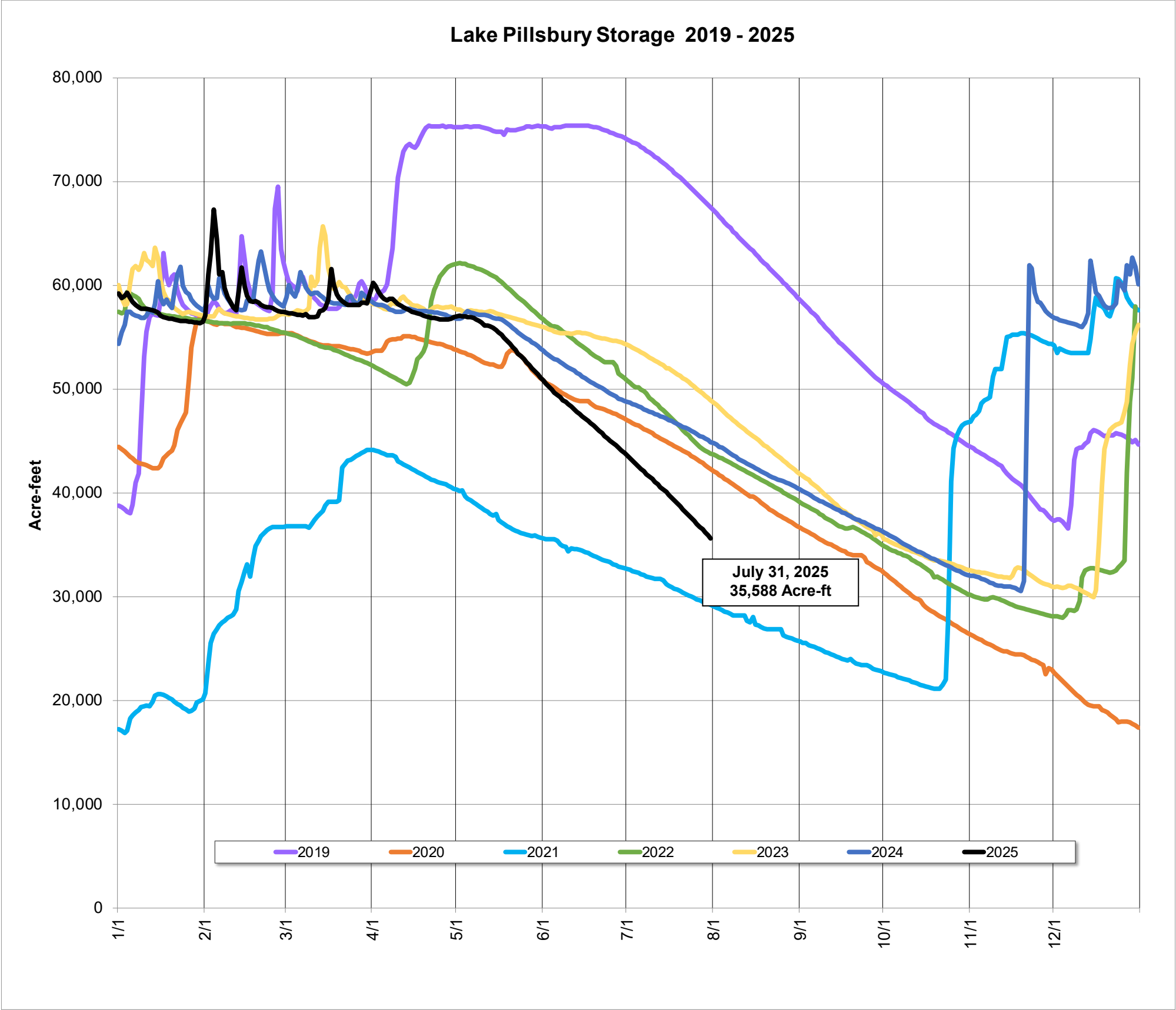
Storage (acre-feet)	July 31, 2025	245,253	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,252	-242
	Last 7 days	-1,428	-204
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	34
		Mean	8
Release (cfs)	Last 7 days	Min	106
		Max	113
		Mean	107

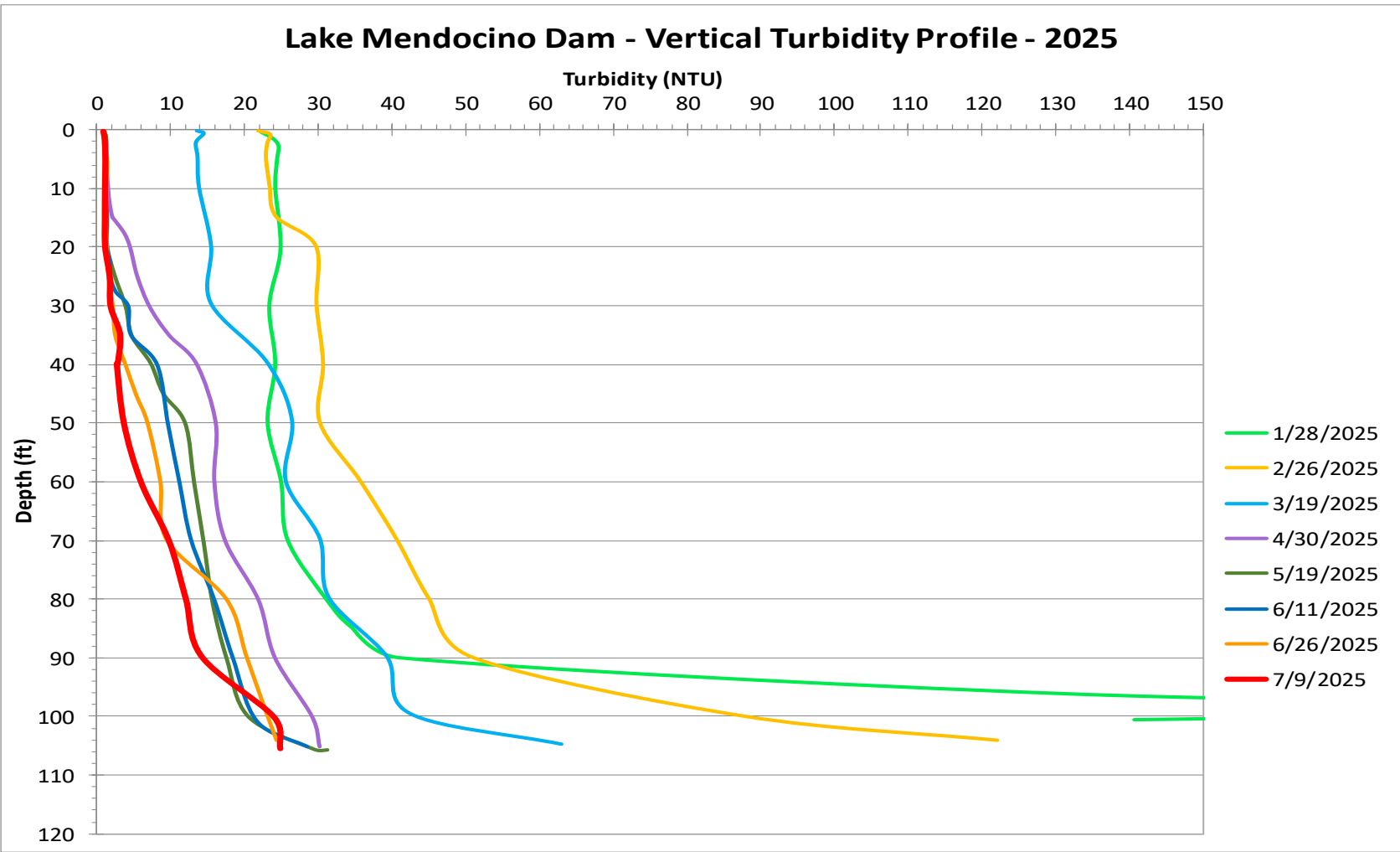
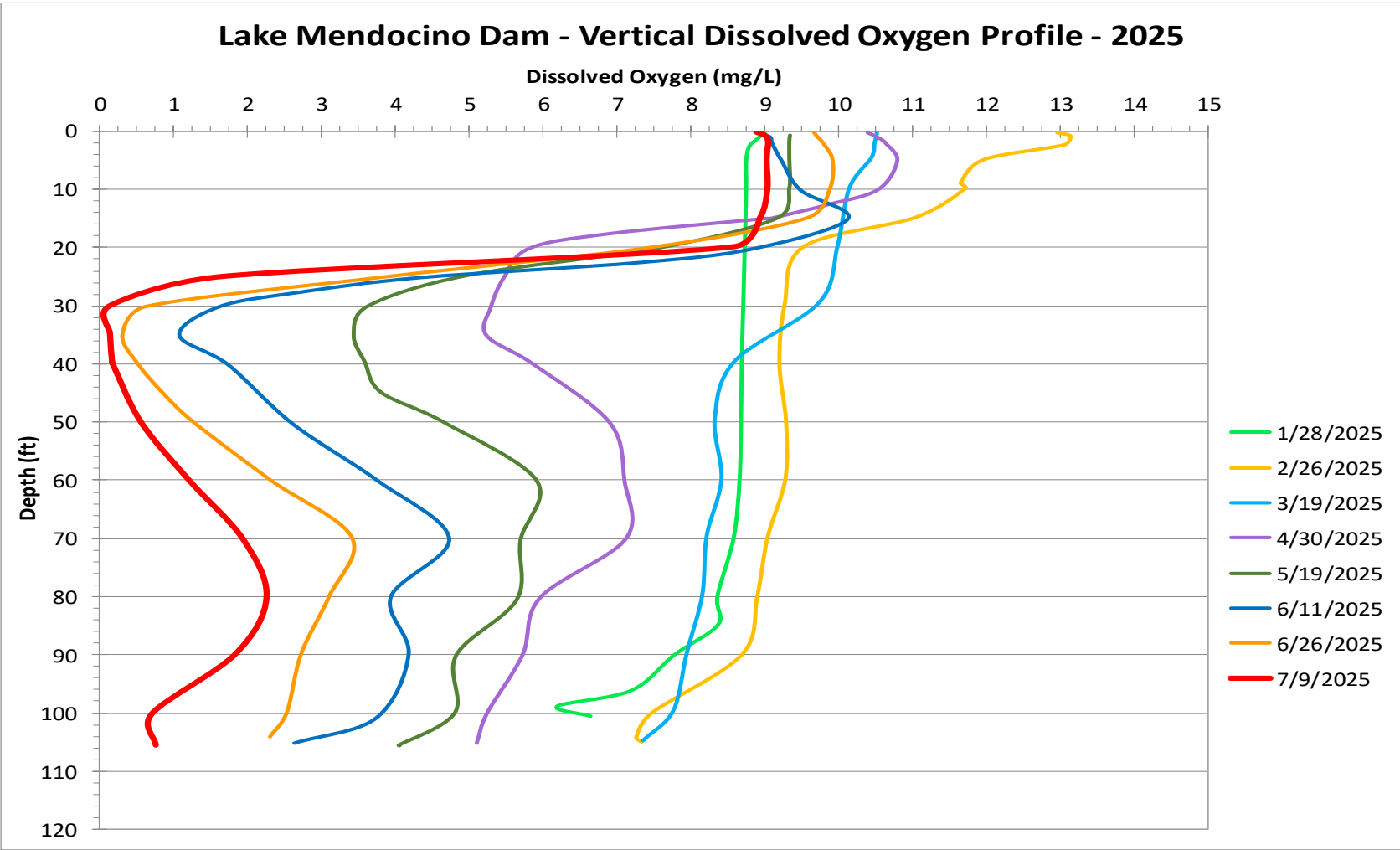
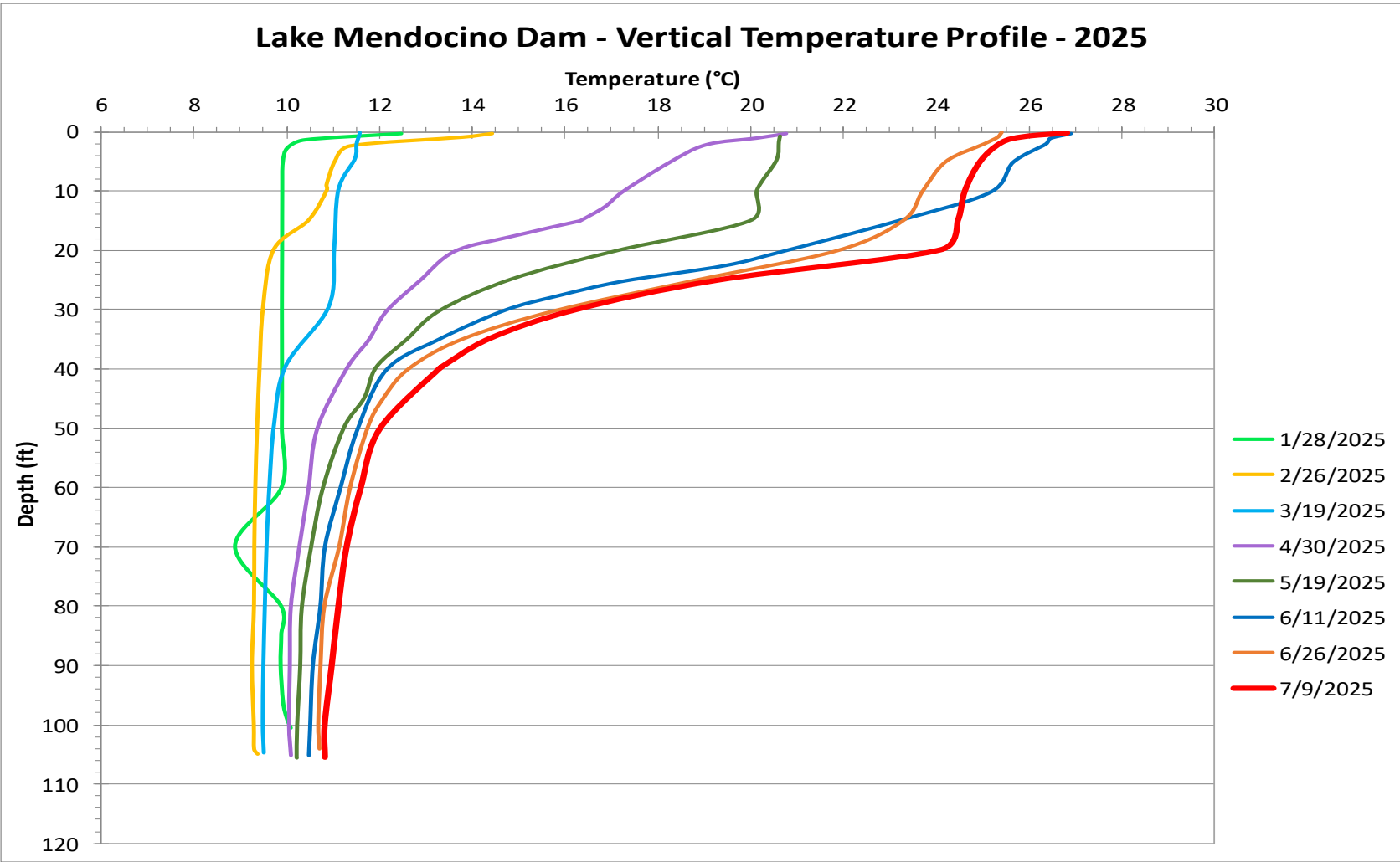
Potter Valley Project

PVP Diversion (cfs)	July 31, 2025	125
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2024 - July 31, 2025	611,066	2,010
	Last 7 days	307	44

*Inflow calculation based on criteria established in D1610

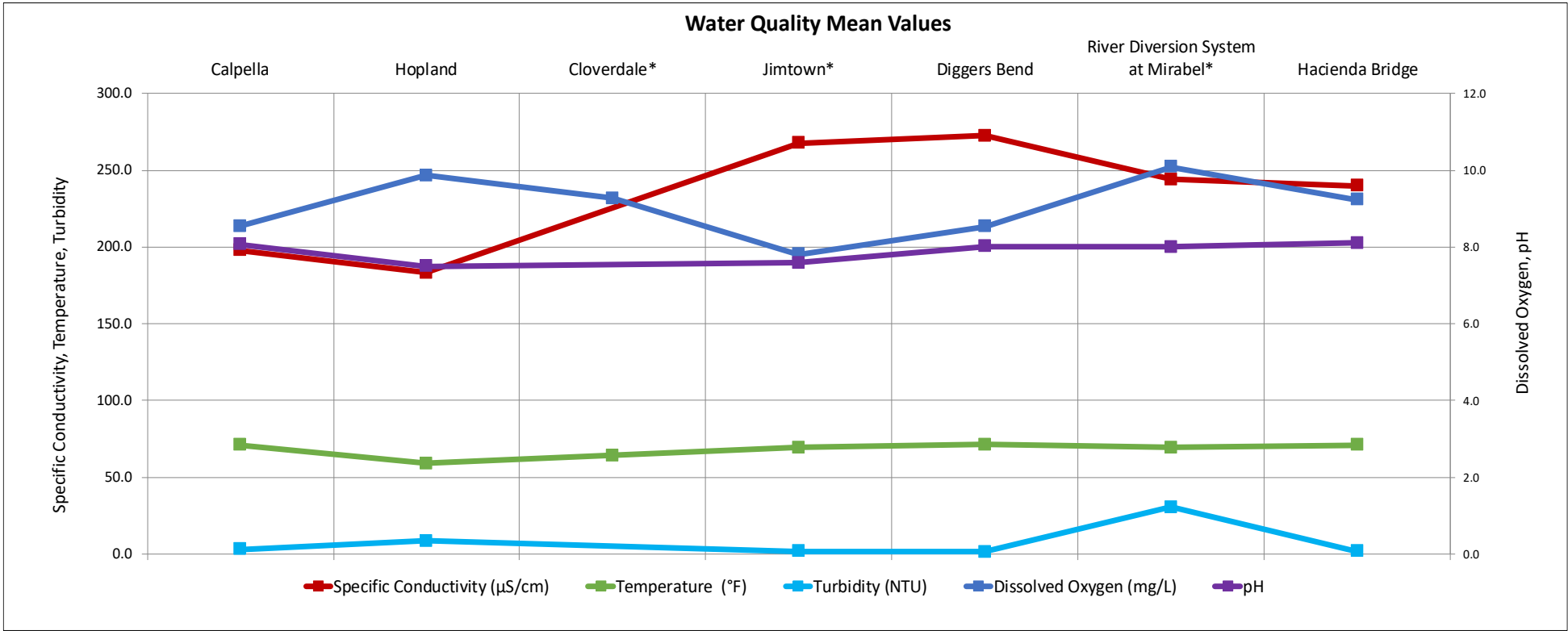




Russian River Flows (July 25, 2025 - July 31, 2025)

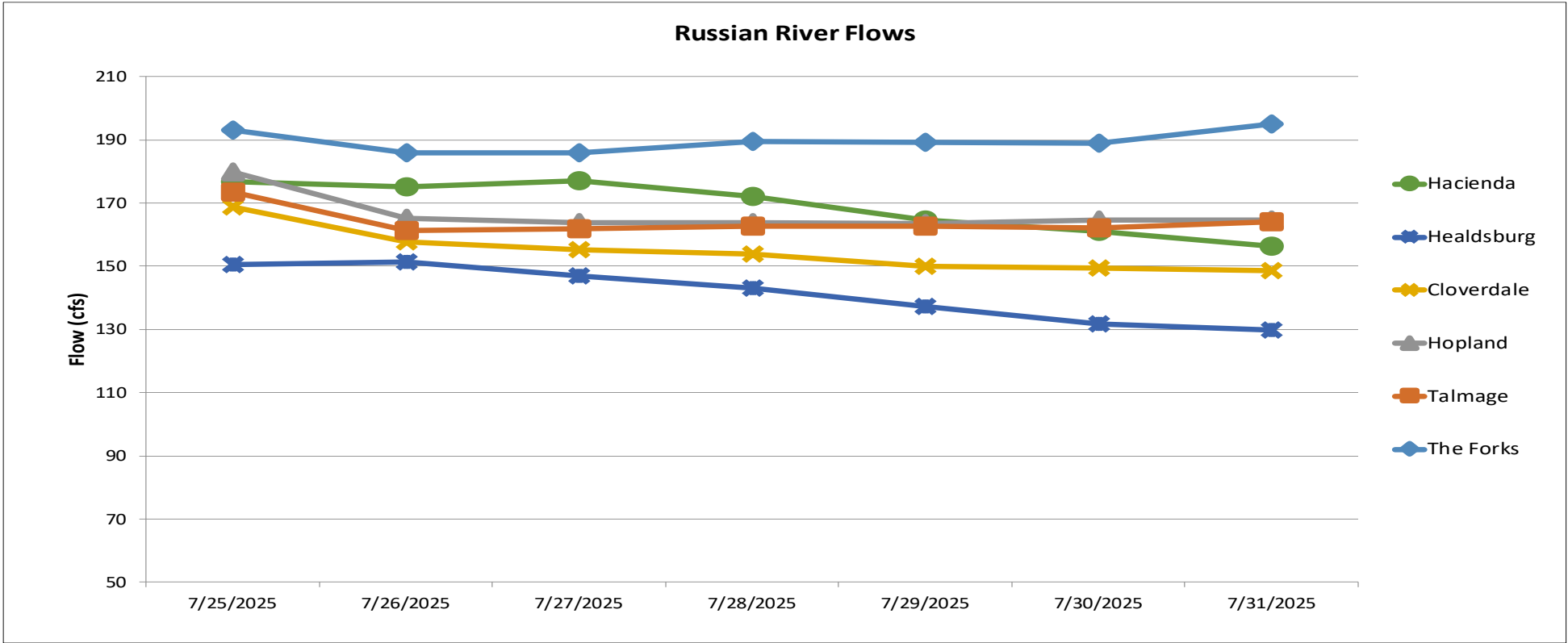
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	68.4	56.8	61.5	66.2	68.0	68.3	67.5	70.5
	Max	73.9	61.2	67.5	73.6	75.6	71.0	74.8	74.5
	Mean	70.9	58.9	64.0	69.4	71.3	69.4	70.8	72.2
Specific Conductivity (µS/cm)	Min	195.0	181.0		263.0	269.0	240.5	238.0	116.9
	Max	201.0	185.0		274.0	278.0	250.3	244.0	238.1
	Mean	197.8	183.1		267.8	272.5	244.1	240.0	223.8
Dissolved Oxygen (mg/L)	Min	8.0	9.1	8.2	6.6	7.1	8.9	8.2	7.1
	Max	9.4	11.0	11.2	9.4	10.1	11.7	10.2	9.8
	Mean	8.6	9.9	9.3	7.8	8.5	10.1	9.2	8.9
Dissolved Oxygen (% Saturation)	Min	91.9	89.3	85.2	72.6	79.3	99.5	90.4	81.7
	Max	109.2	110.7	120.2	107.8	120.4	132.2	119.8	114.7
	Mean	97.1	97.7	97.6	87.4	97.5	112.7	104.9	102.6
pH	Min	7.9	7.4		7.5	7.8	7.8	7.9	7.8
	Max	8.4	7.7		7.8	8.4	8.3	8.3	8.2
	Mean	8.1	7.5		7.6	8.0	8.0	8.1	8.0
Turbidity (NTU)	Min	1.7	6.8		0.9	0.5	1.7	1.0	0.01
	Max	5.9	10.3		2.9	2.2	1935.9	2.8	487.5
	Mean	2.8	8.4		1.8	1.2	30.4	1.6	38.2

*Station operated seasonally



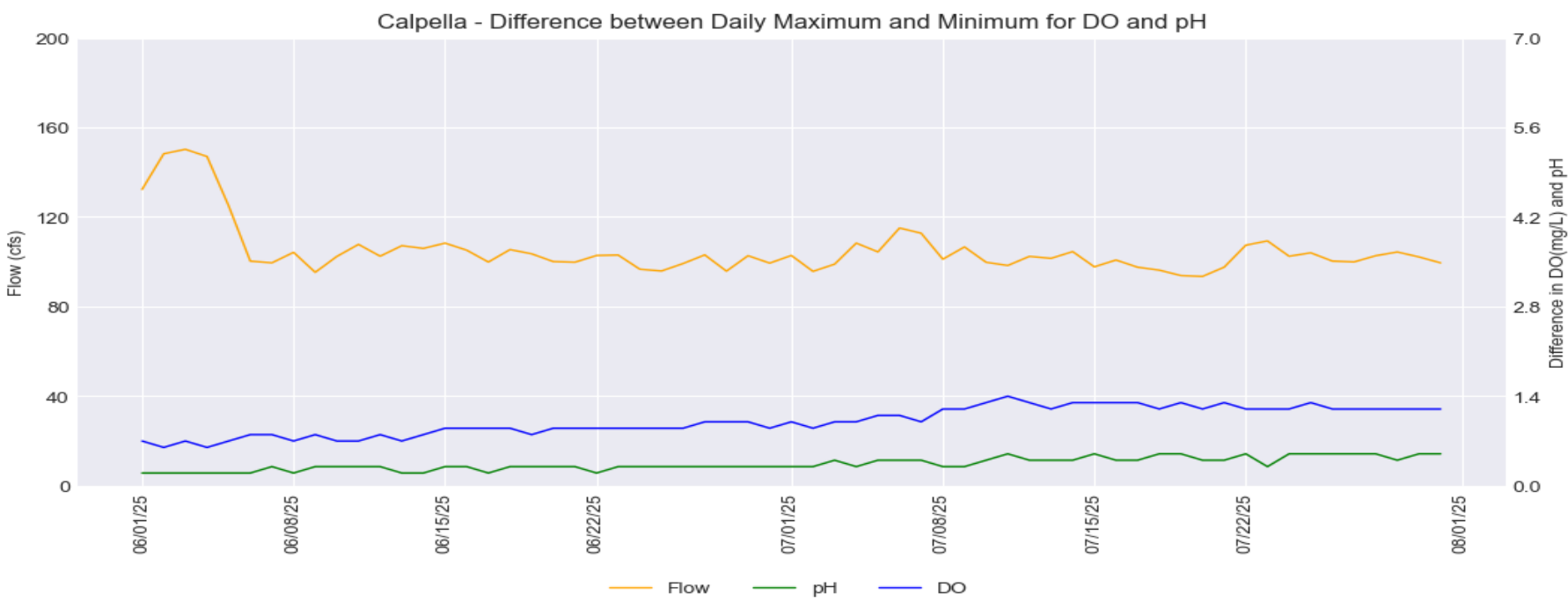
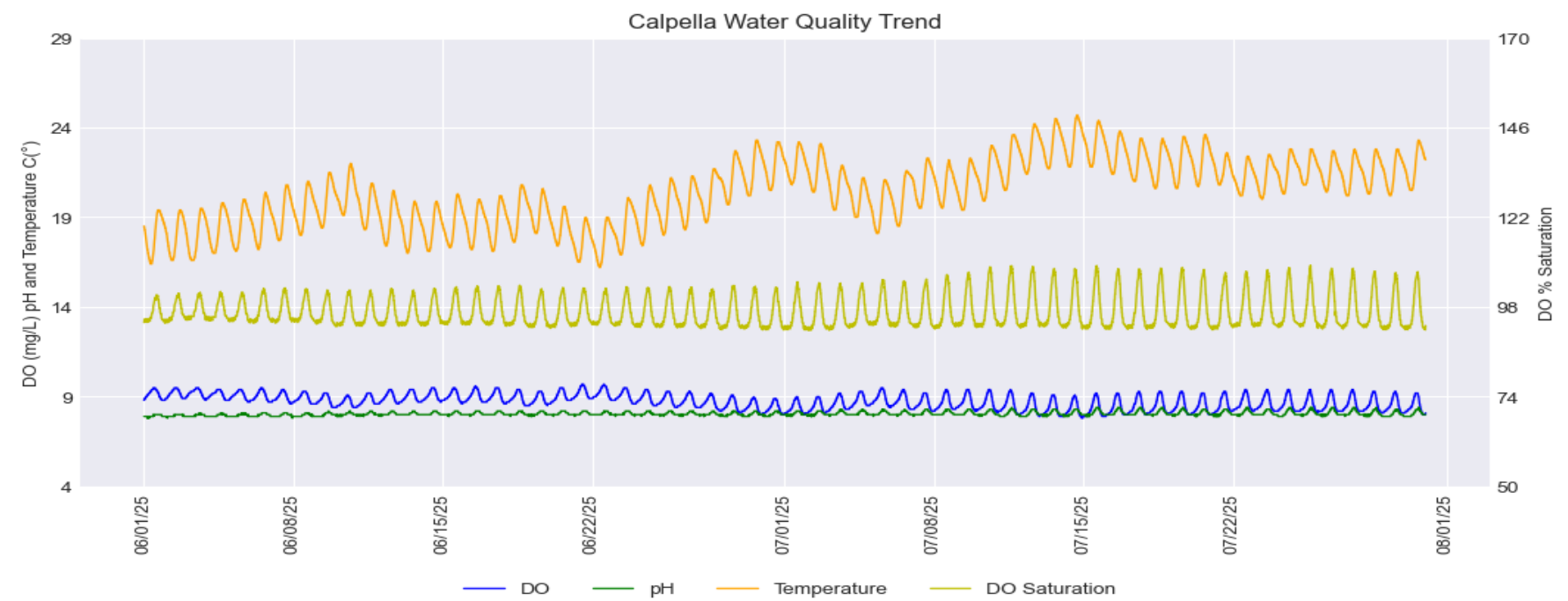
Gage	24-hr Average Flow (cfs)						
	Jul 25, 2025	Jul 26, 2025	Jul 27, 2025	Jul 28, 2025	Jul 29, 2025	Jul 30, 2025	Jul 31, 2025
The Forks*	193	186	186	190	189	189	195
Talmage USGS 11462080	173	161	162	163	163	162	164
Hopland USGS 11462500	180	165	164	164	164	164	165
Cloverdale USGS 11463000	169	158	155	154	150	149	149
Healdsburg USGS 11464000	150	151	147	143	137	132	130
Hacienda USGS 11467000	177	175	177	172	165	161	156

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

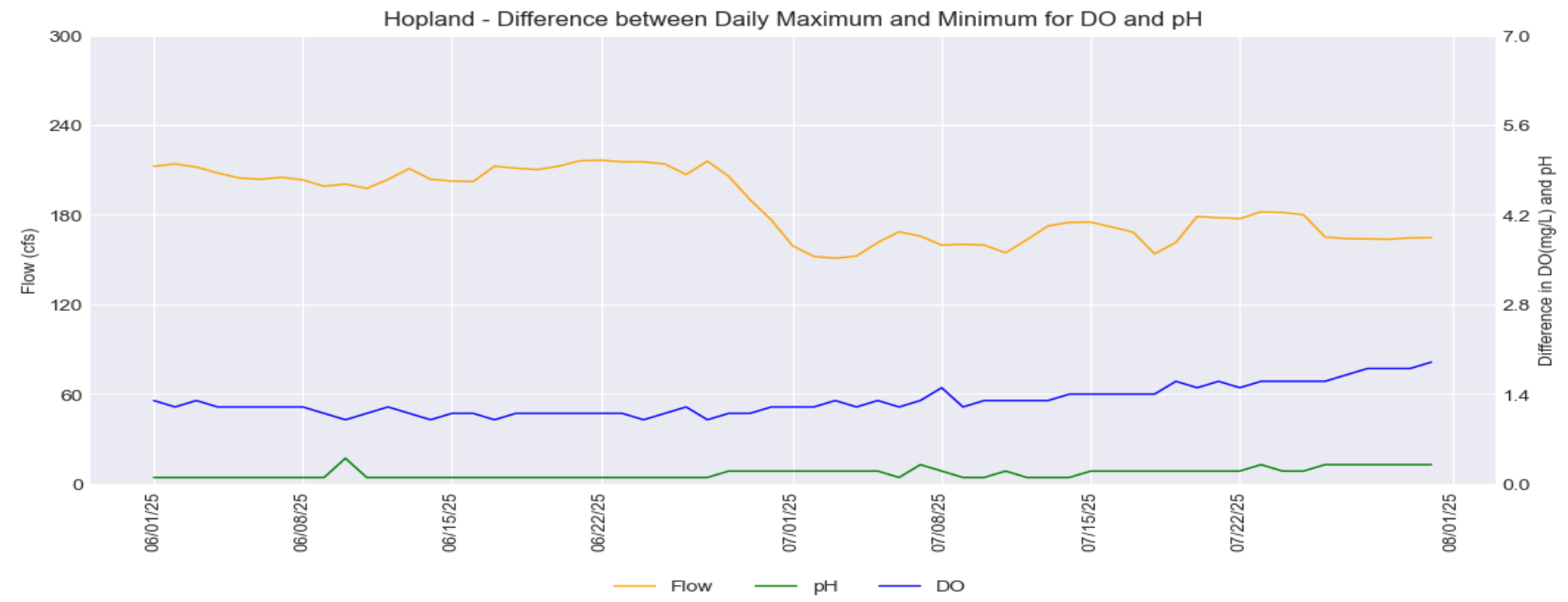
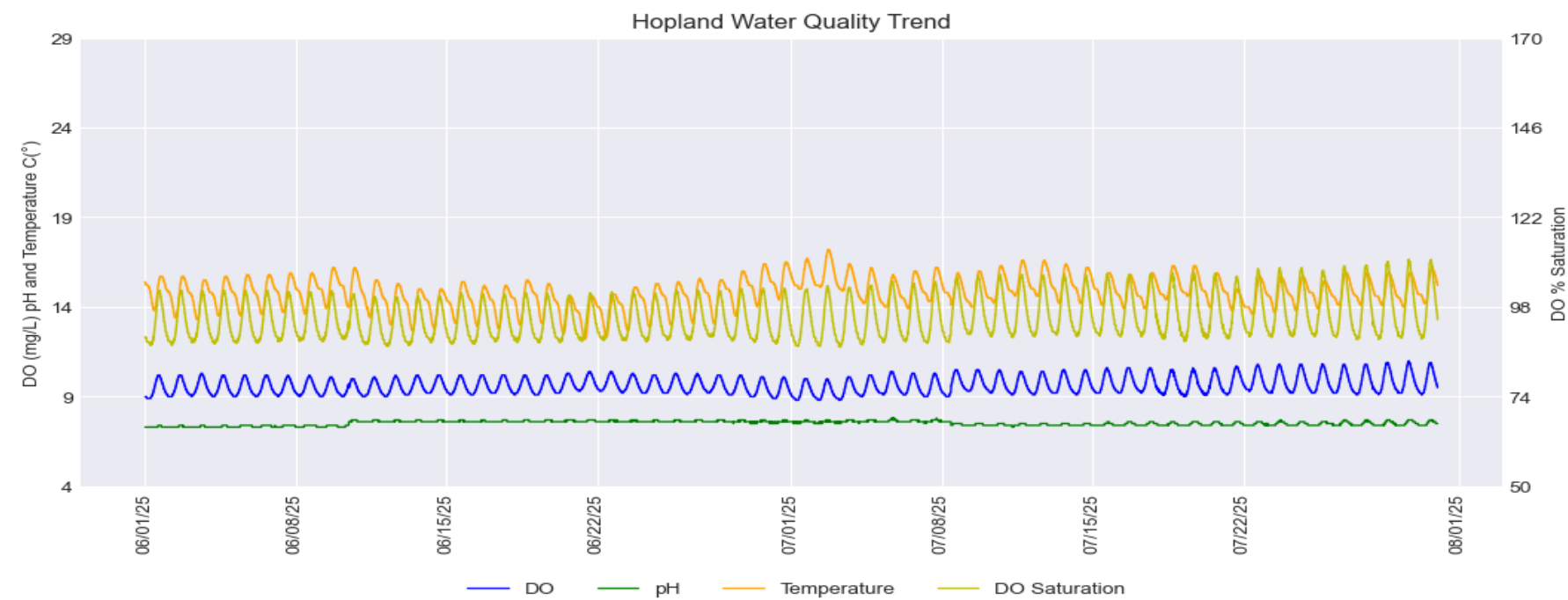


Russian River Water Quality June 1, 2025 – July 31, 2025
Provisional Data Subject to Revision

Calpella



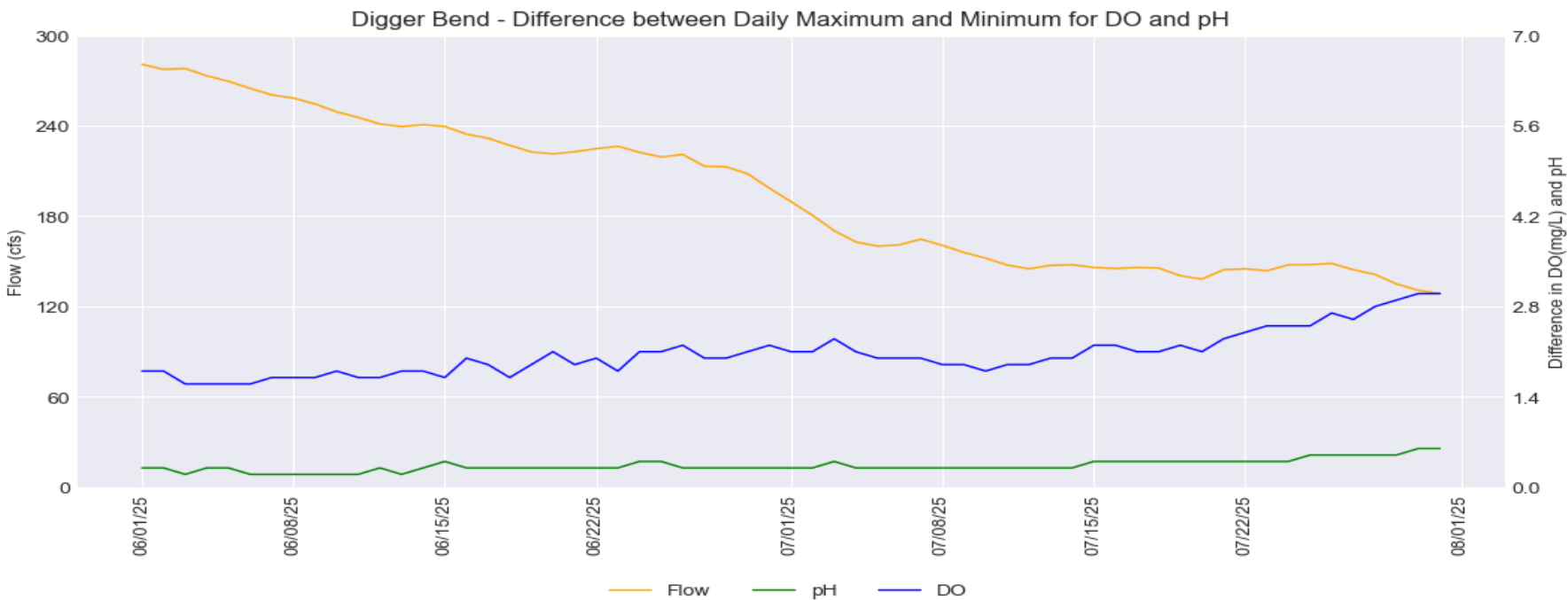
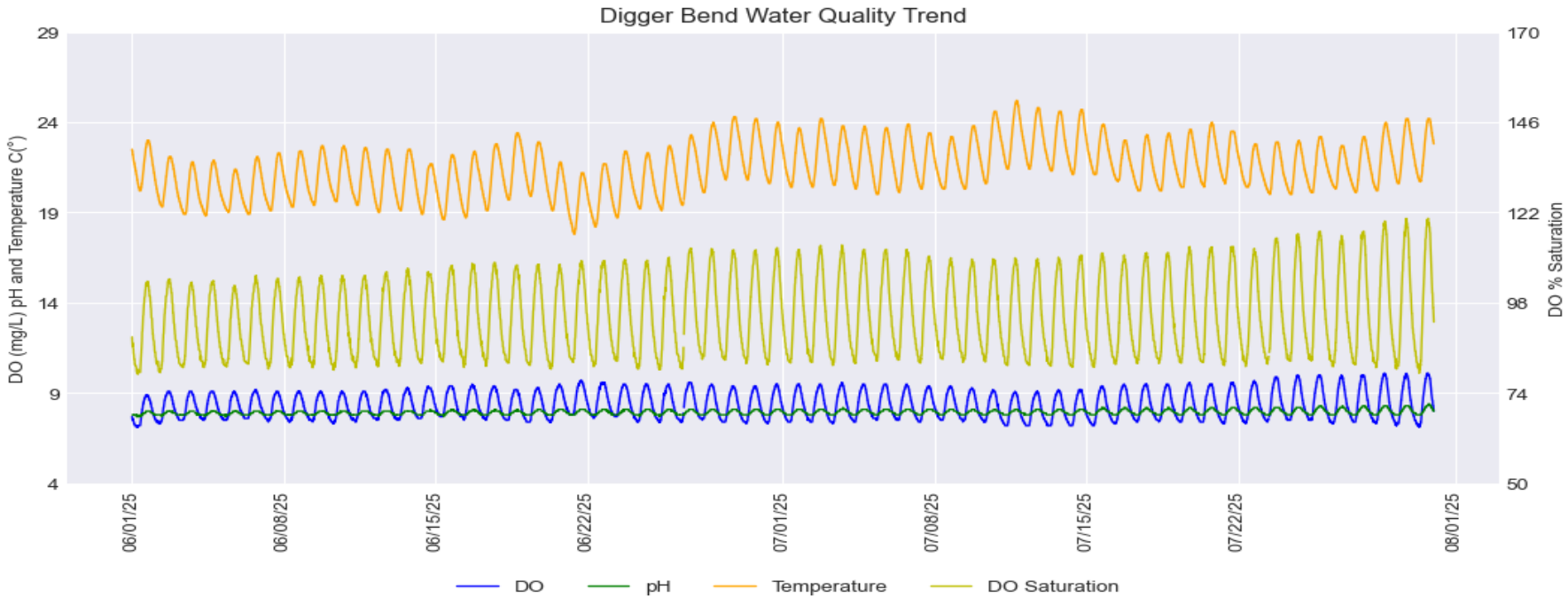
Hopland



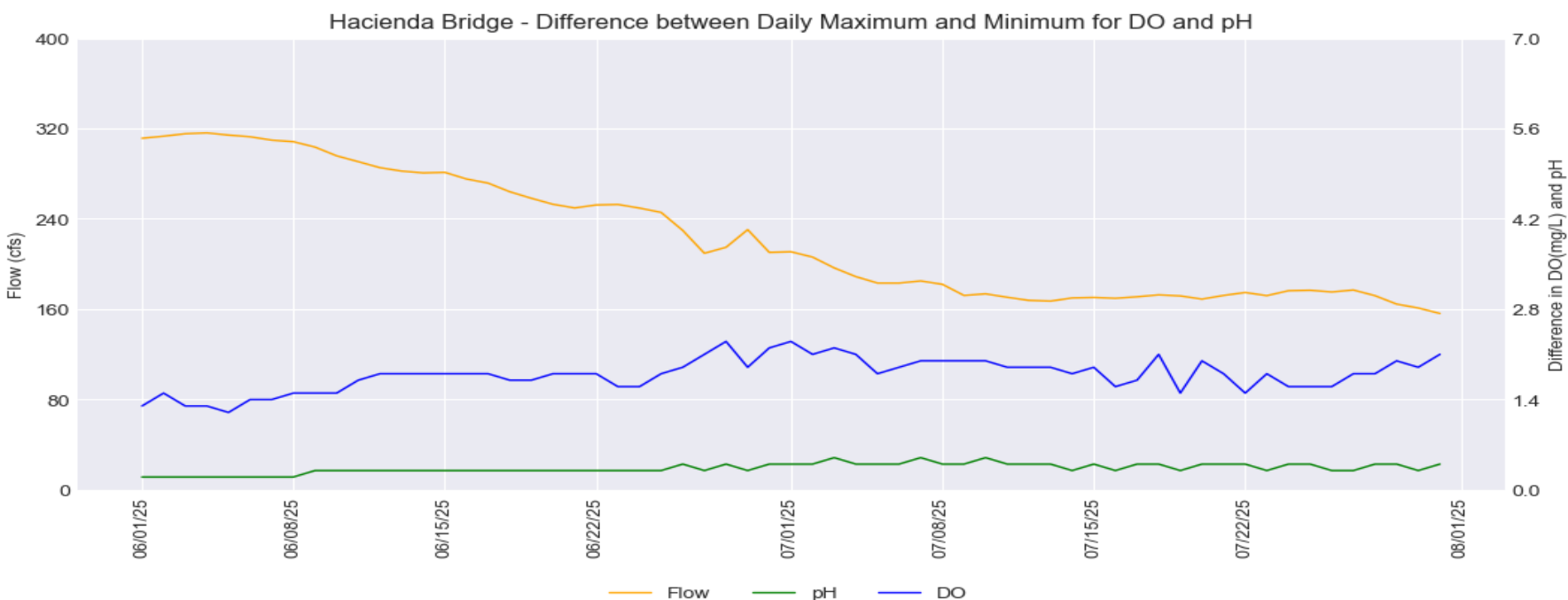
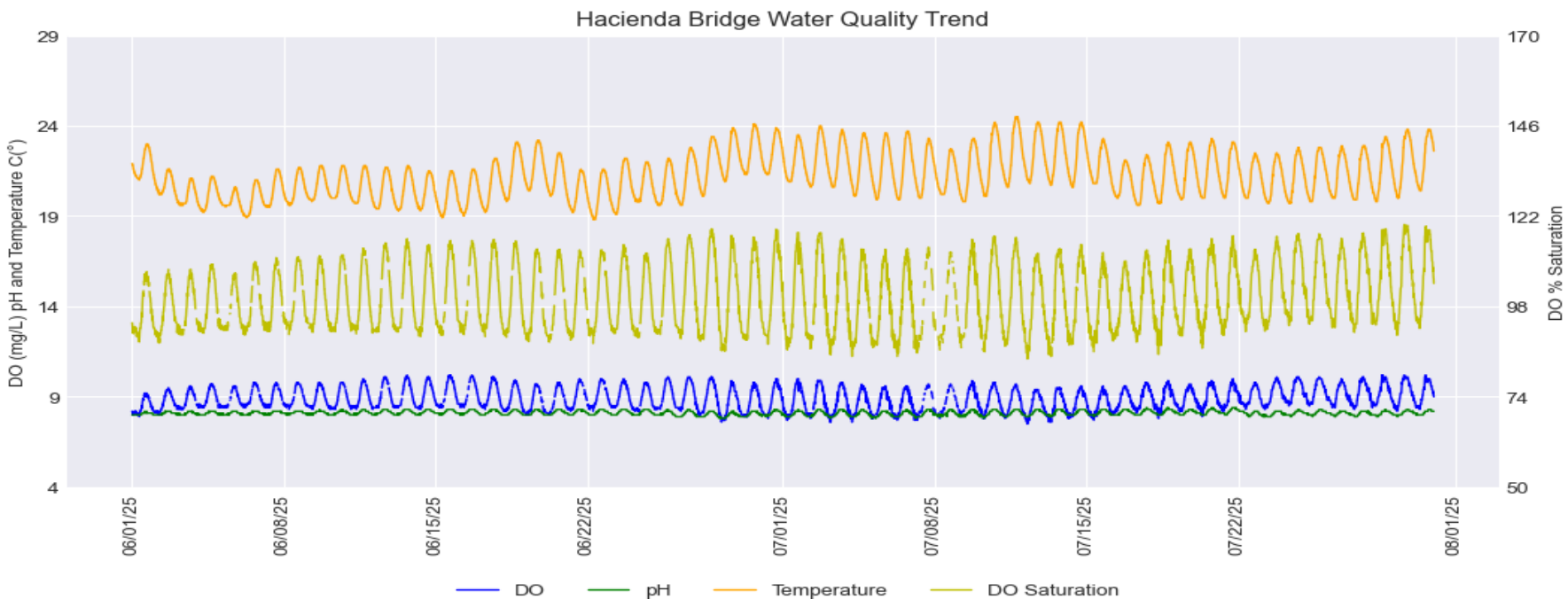
Russian River Water Quality June 1, 2025 – July 31, 2025

Provisional Data Subject to Revision

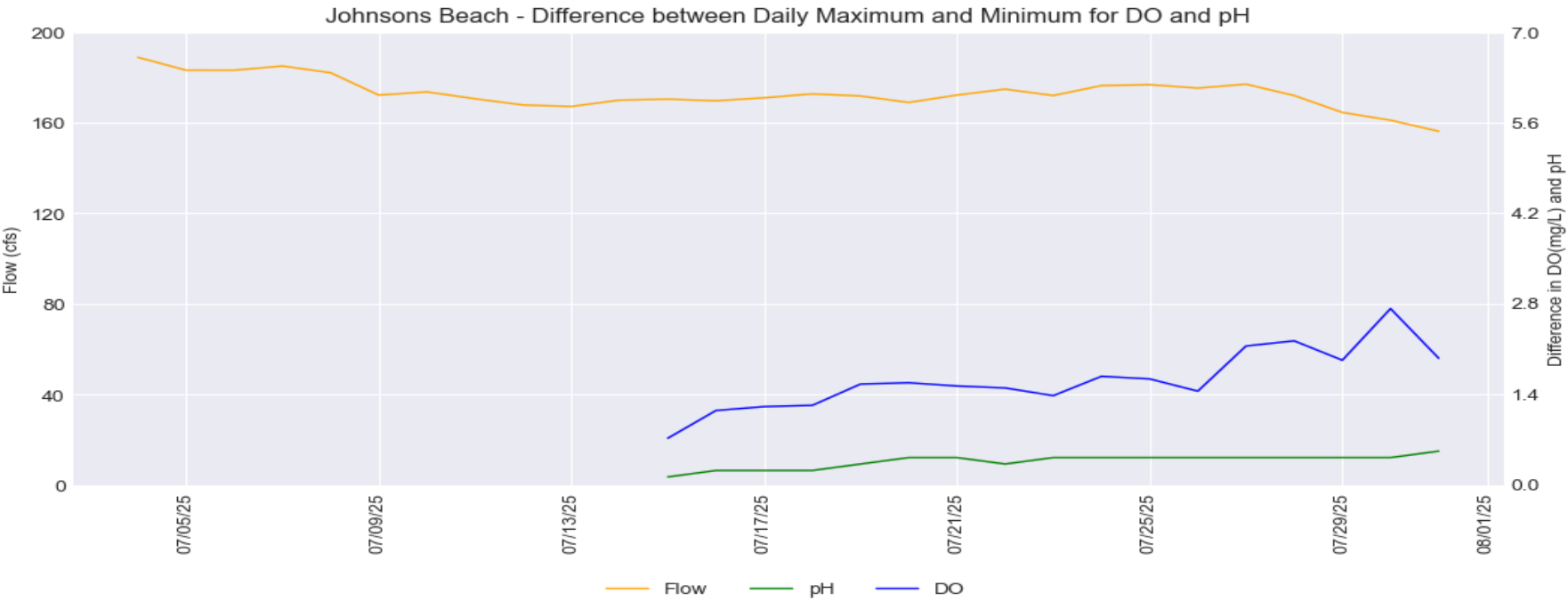
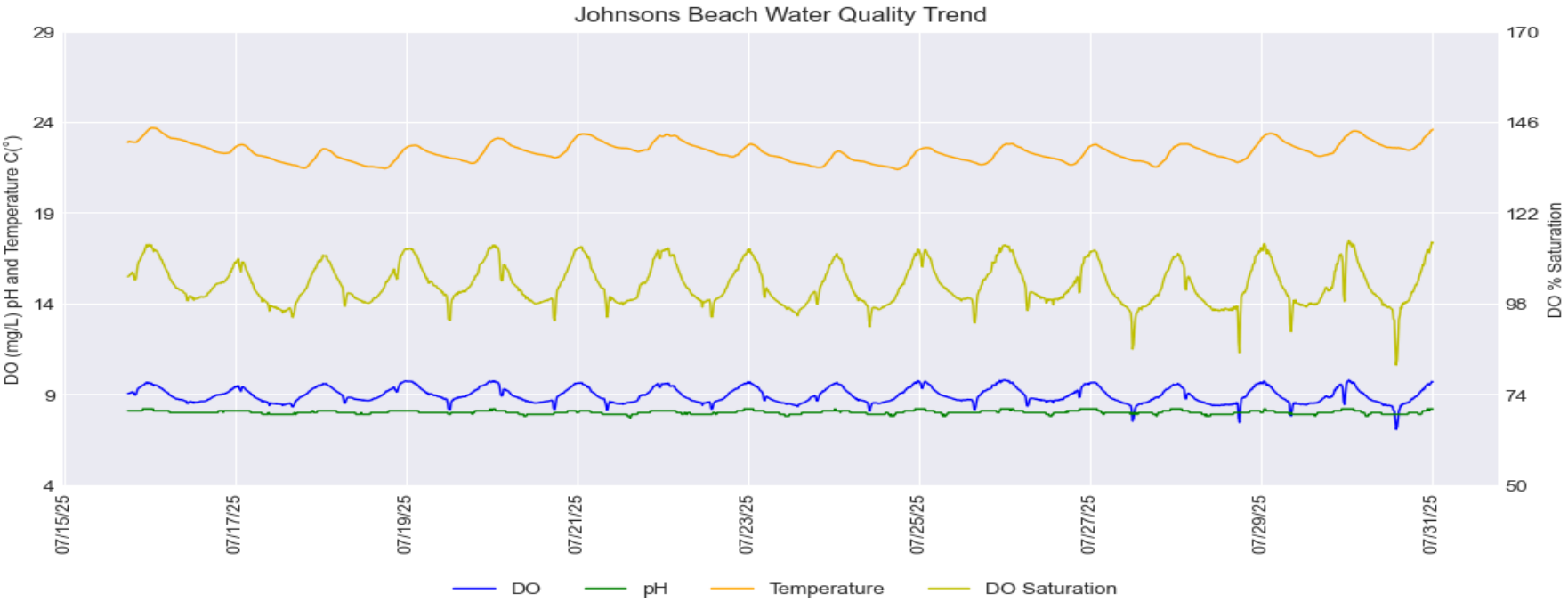
Digger Bend



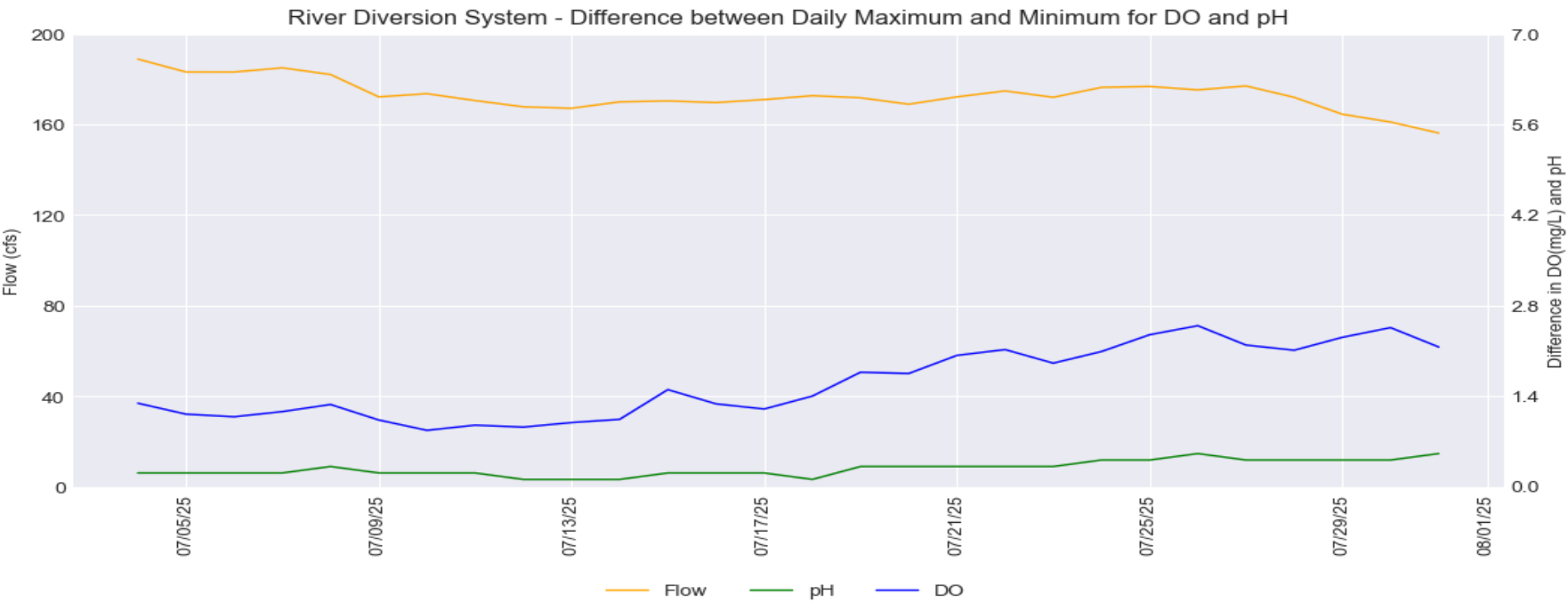
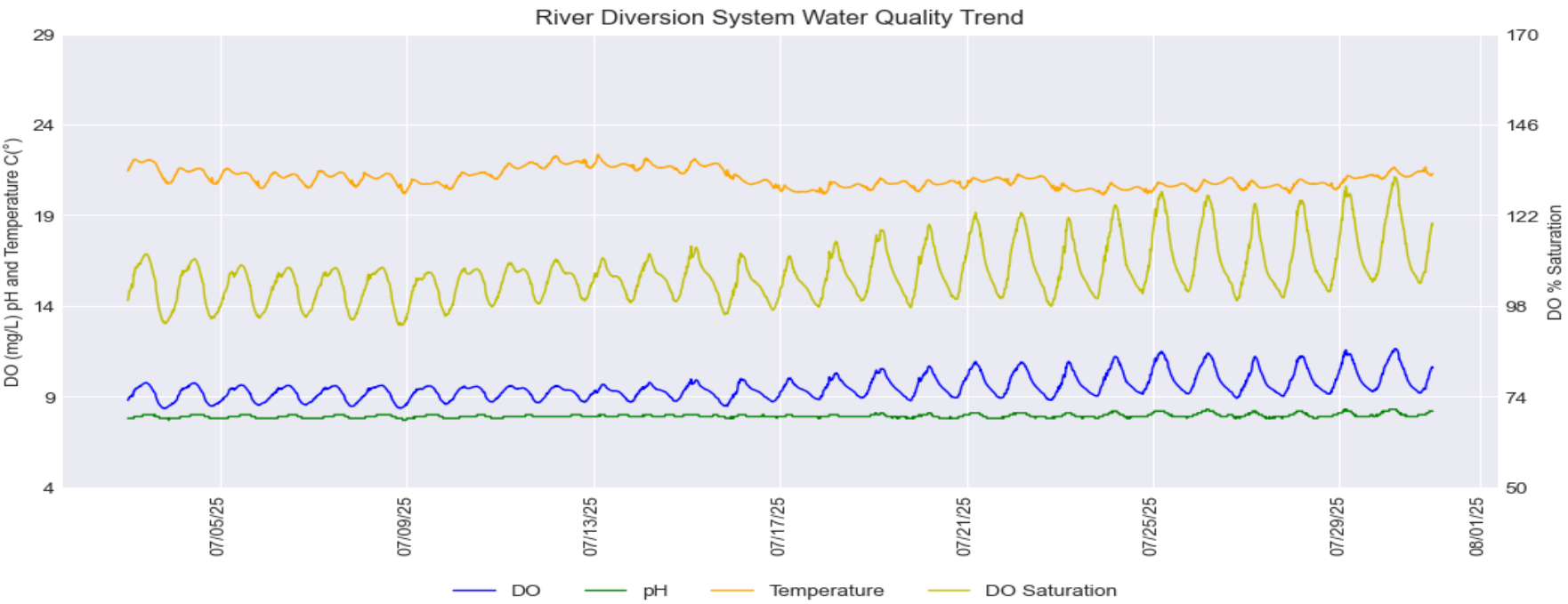
Hacienda Bridge



Russian River Water Quality July 3, 2025 – July 31, 2025
Provisional Data Subject to Revision
Johnsons Beach

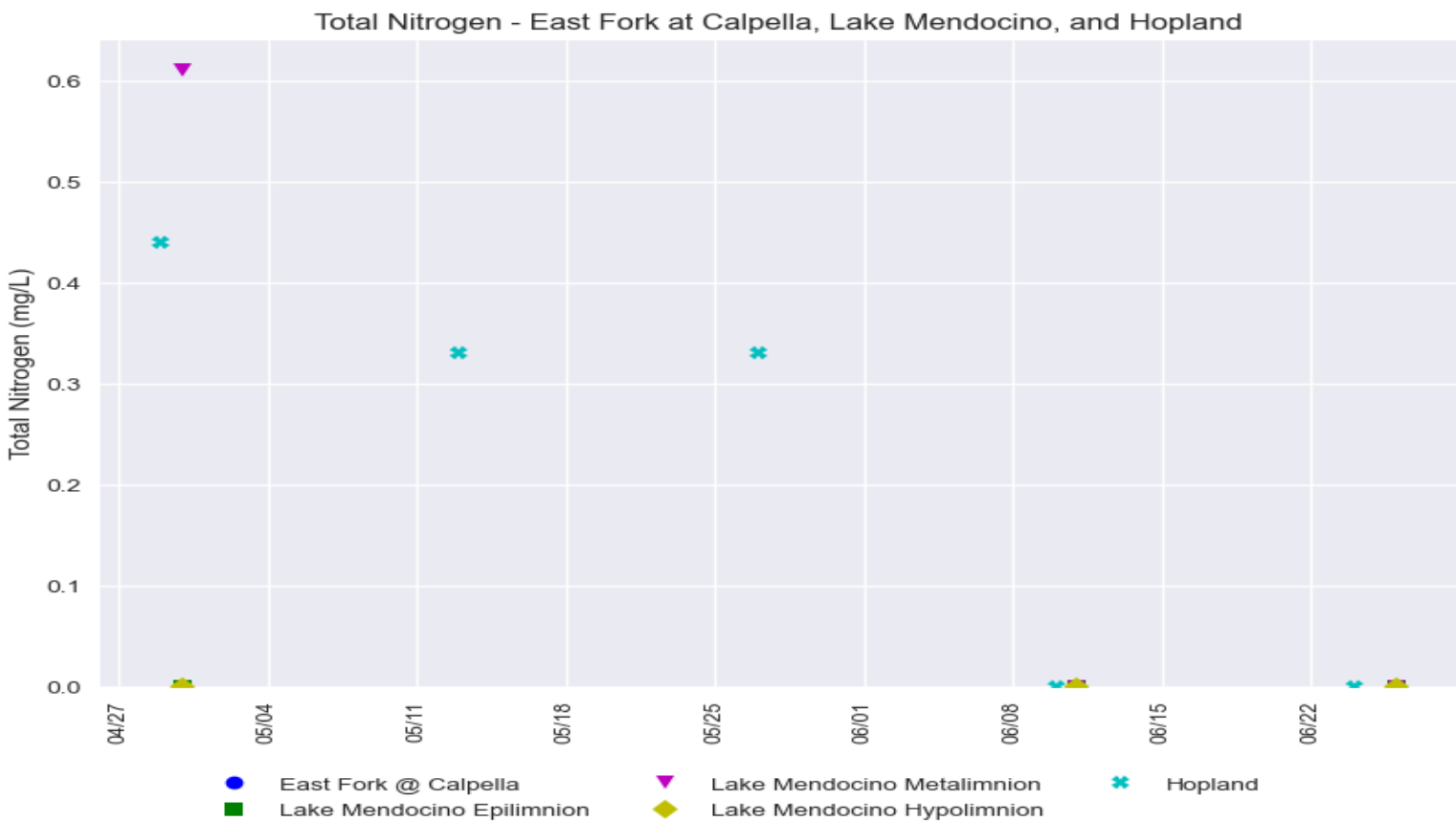
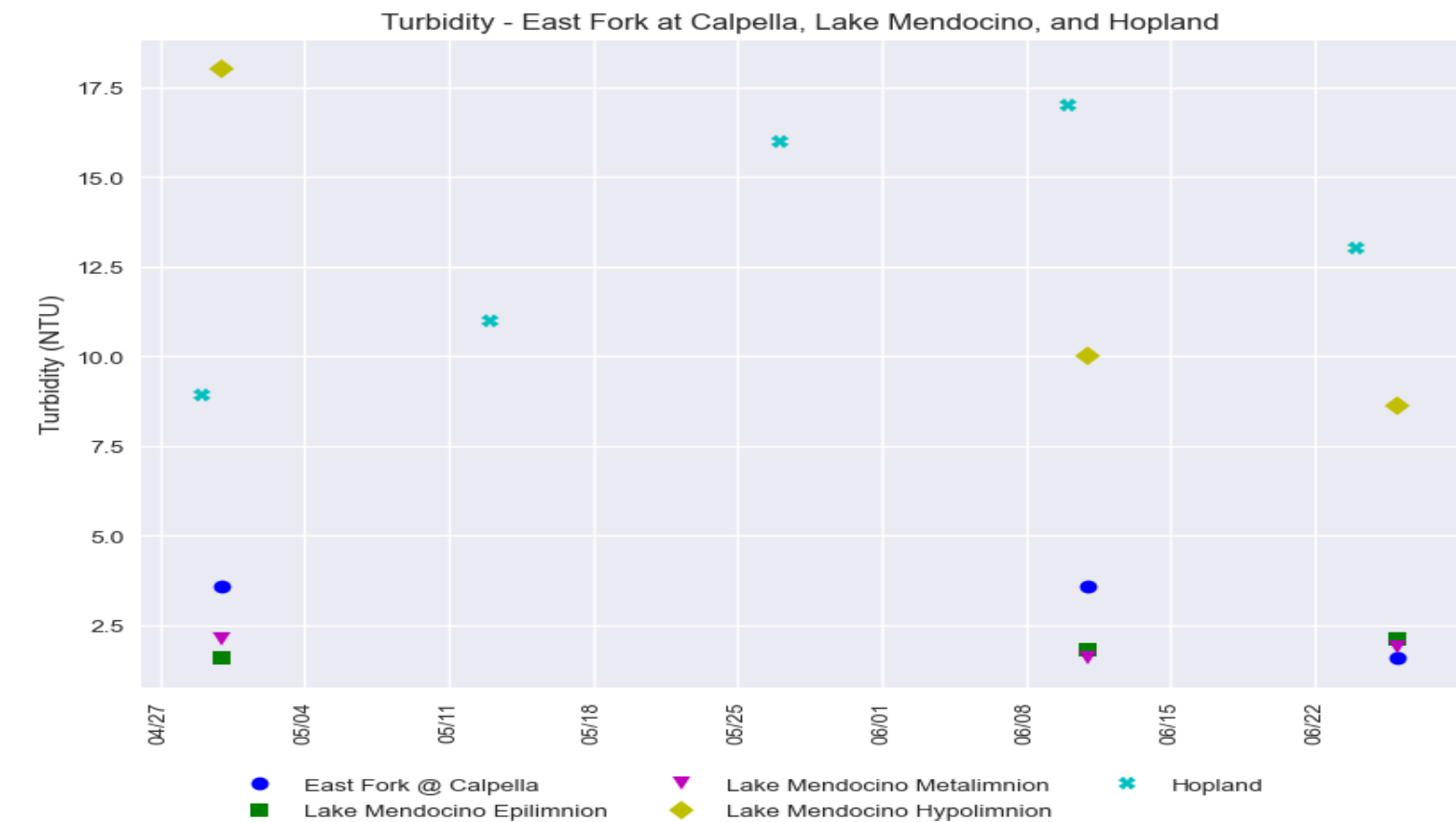
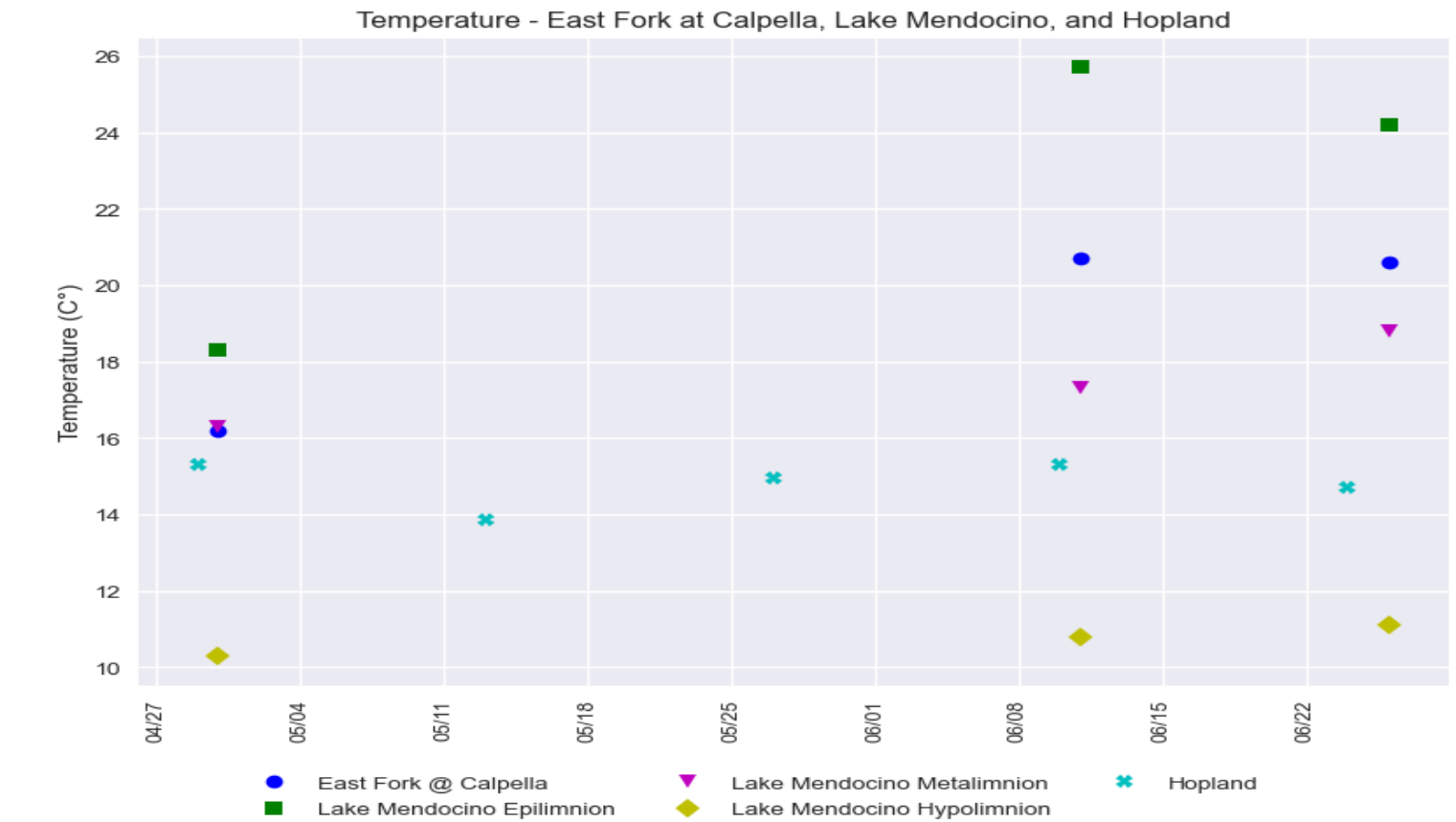


River Diversion System at Mirabel



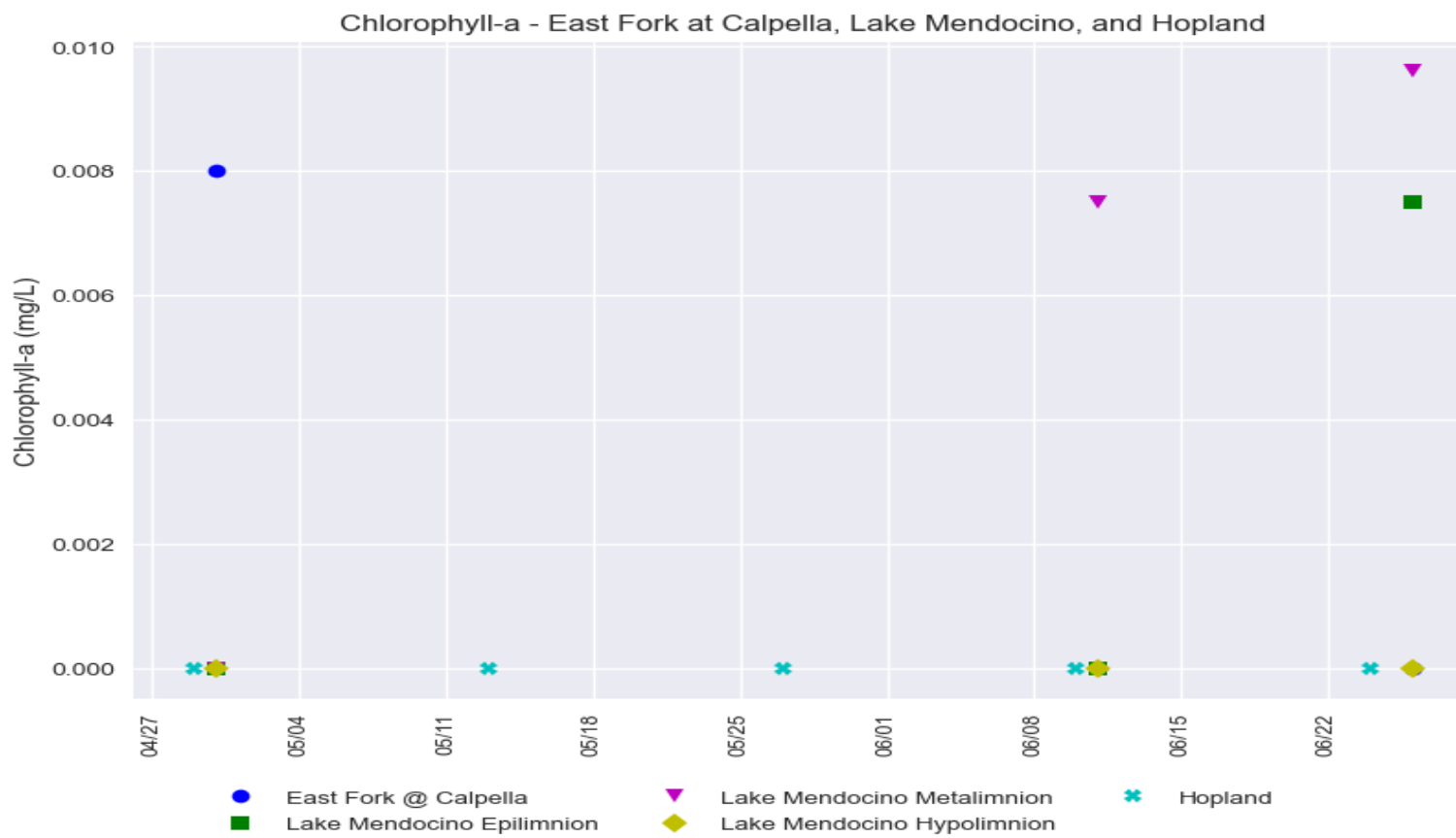
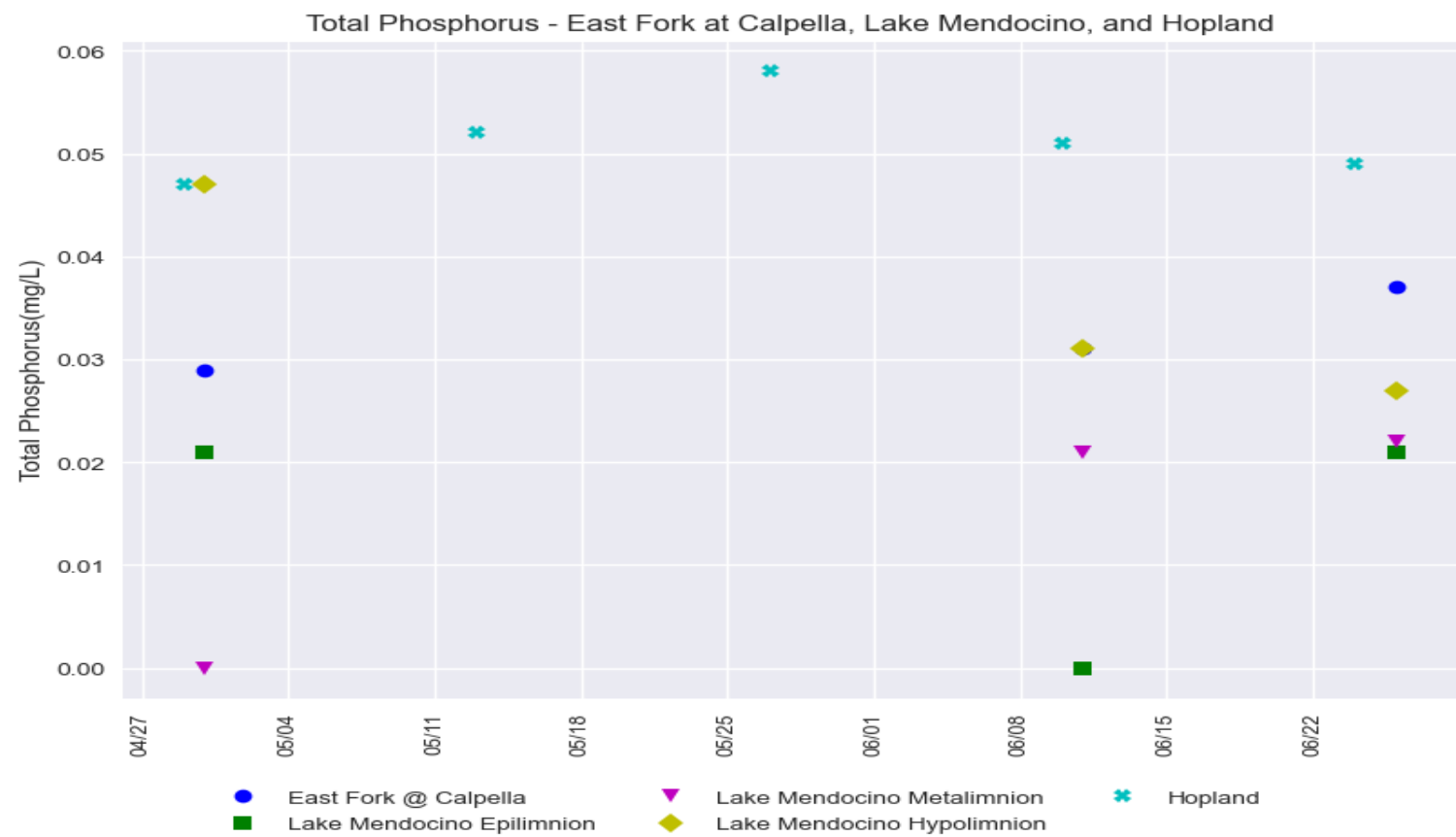
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



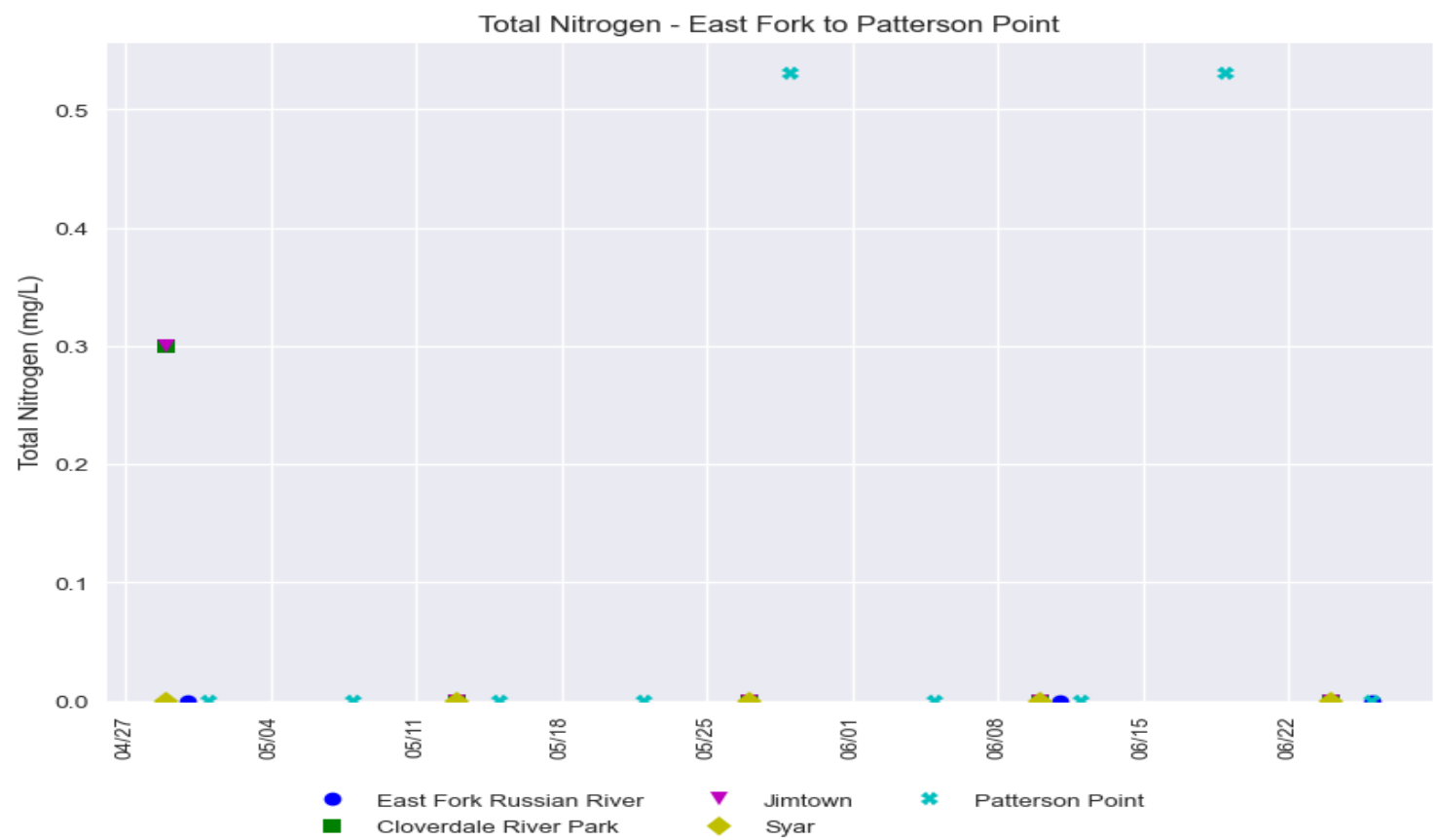
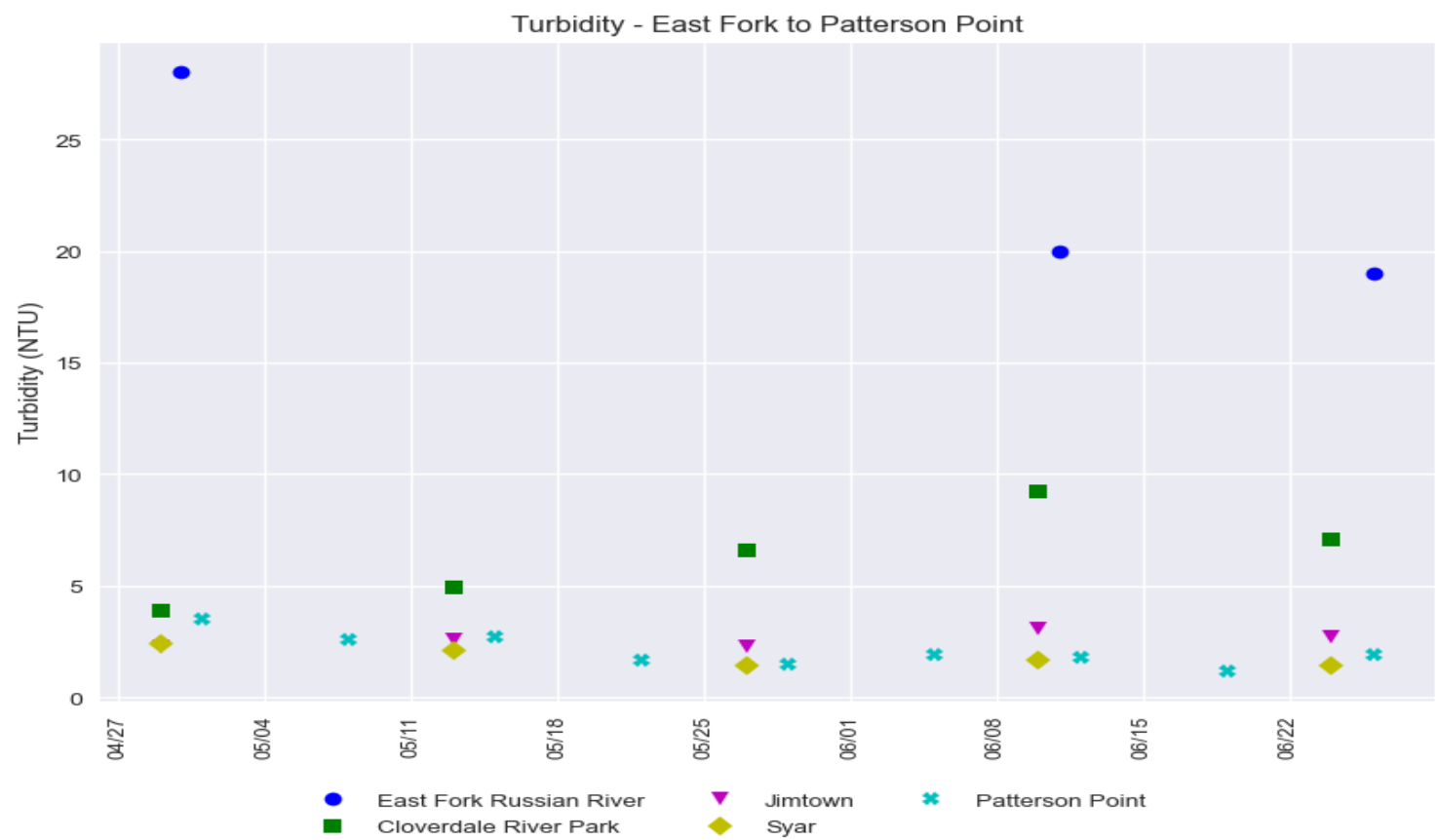
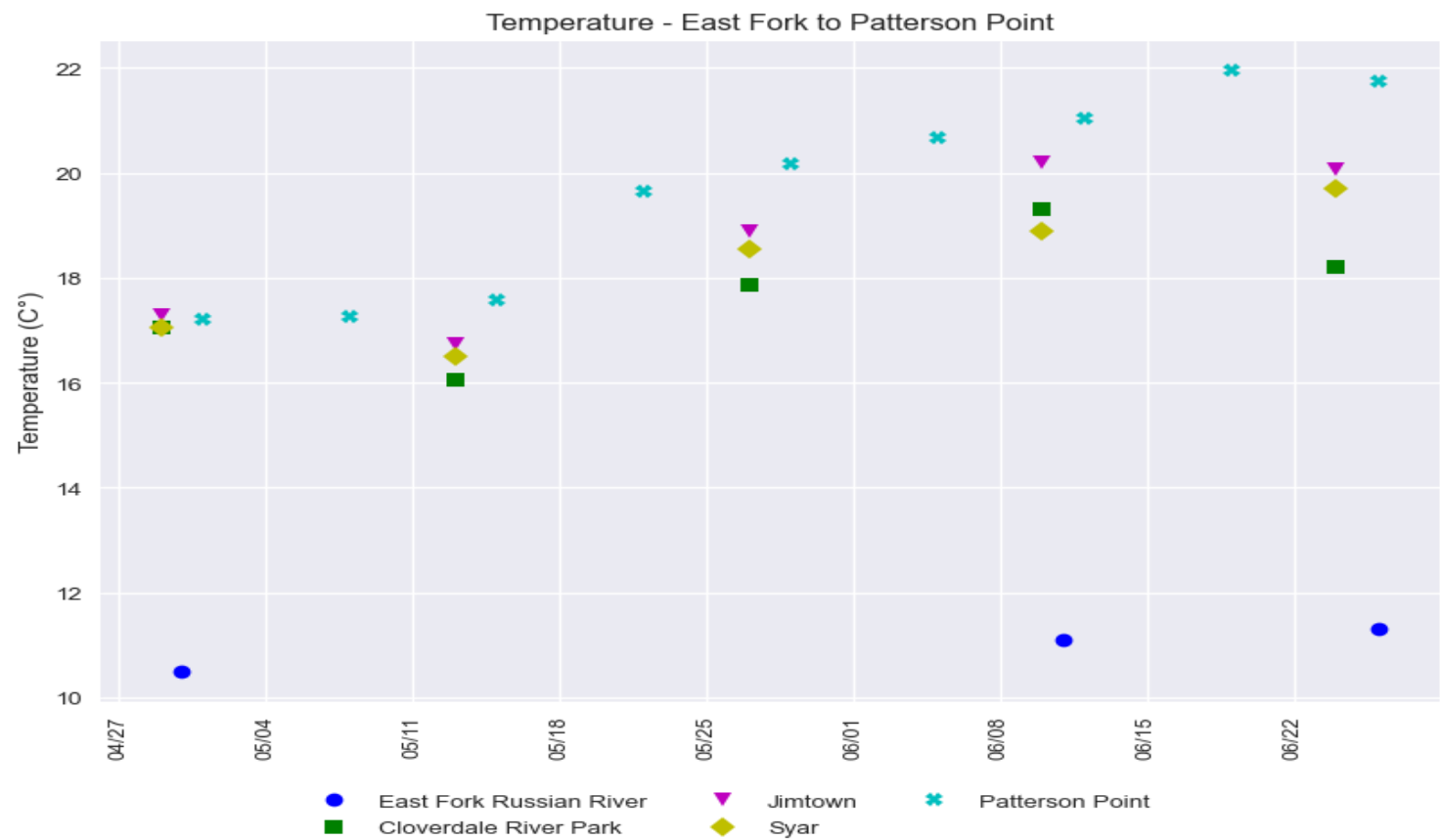
Russian River Water Quality Grab Samples

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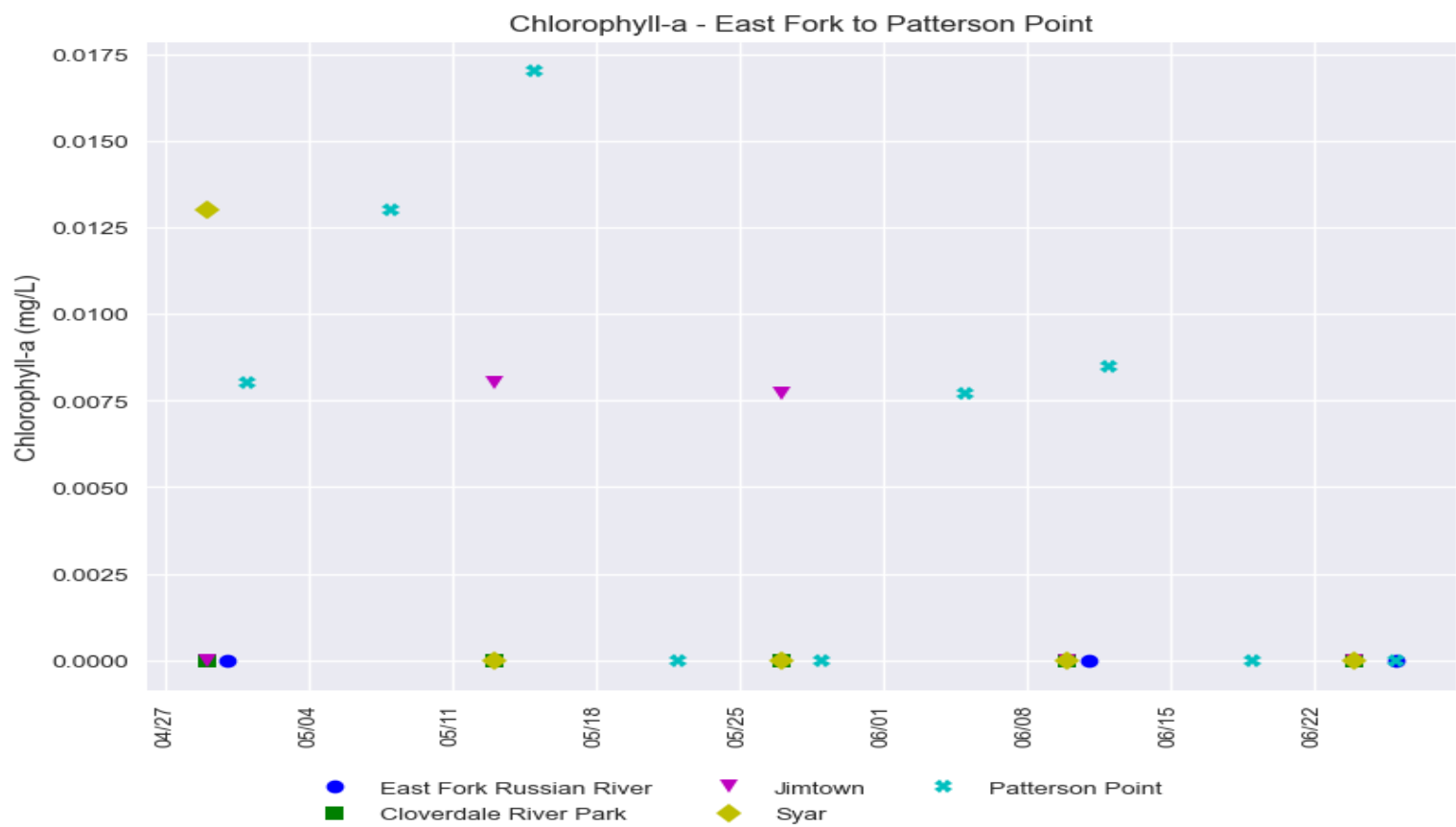
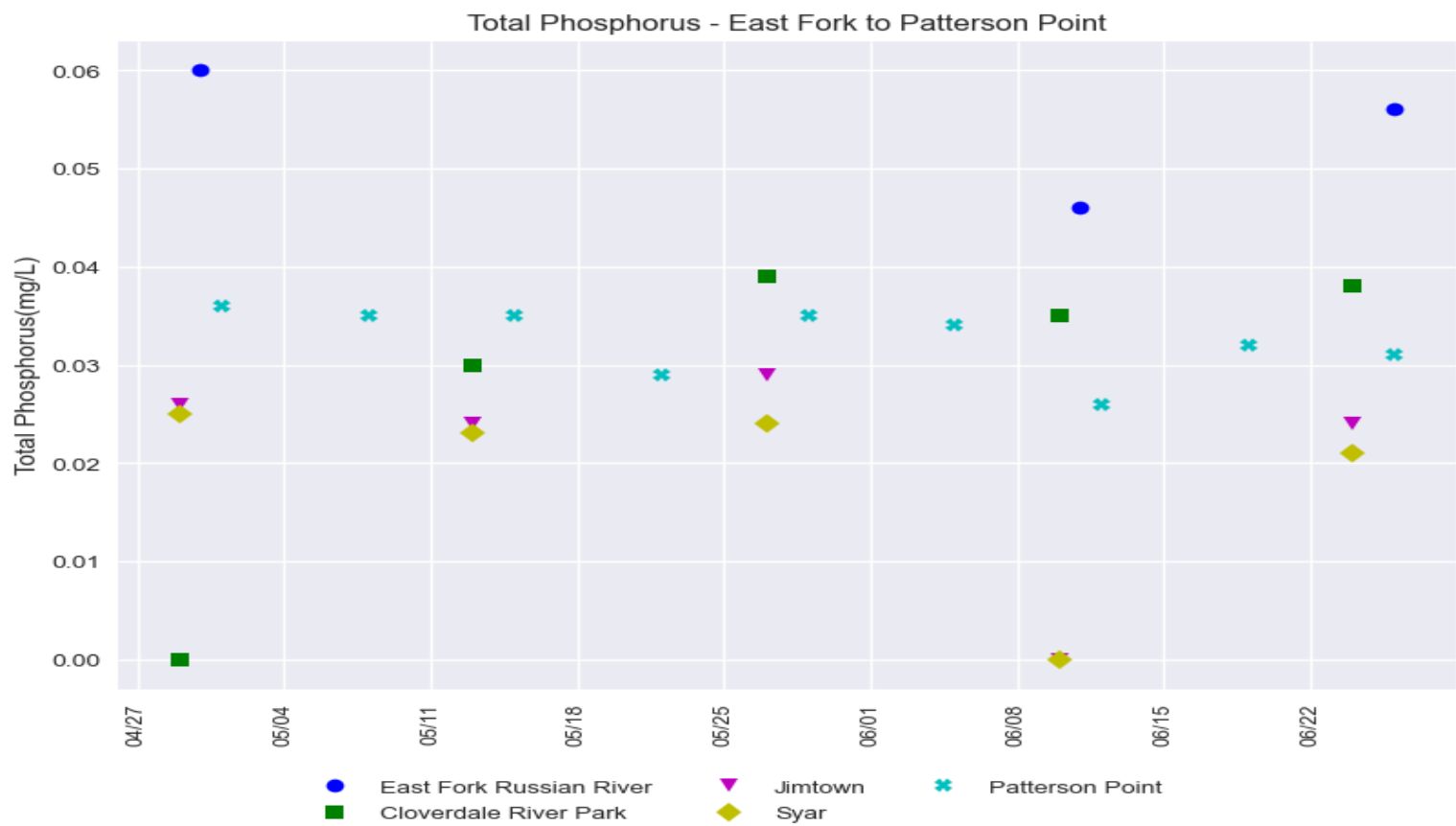
Russian River Water Quality Grab Samples

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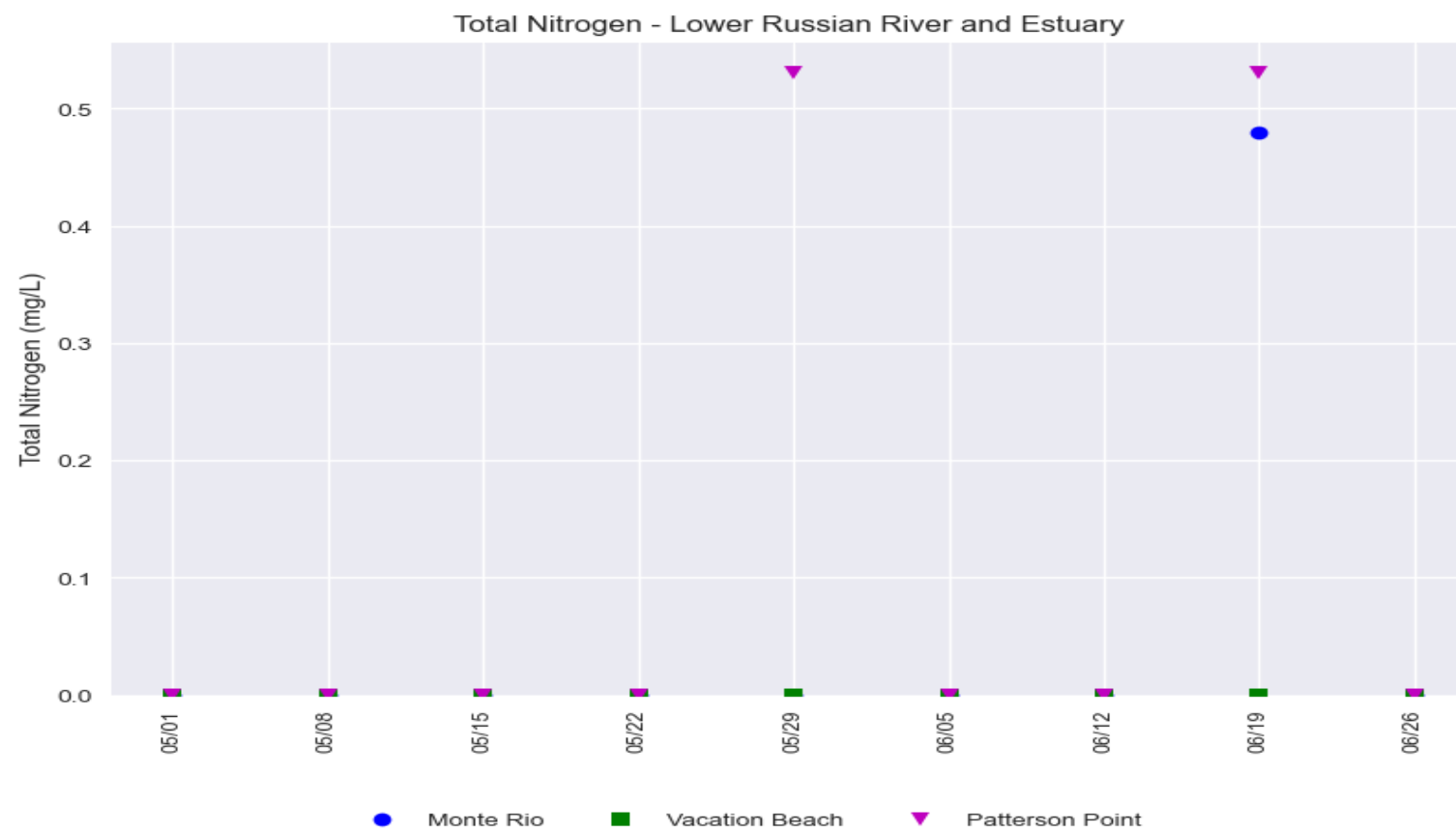
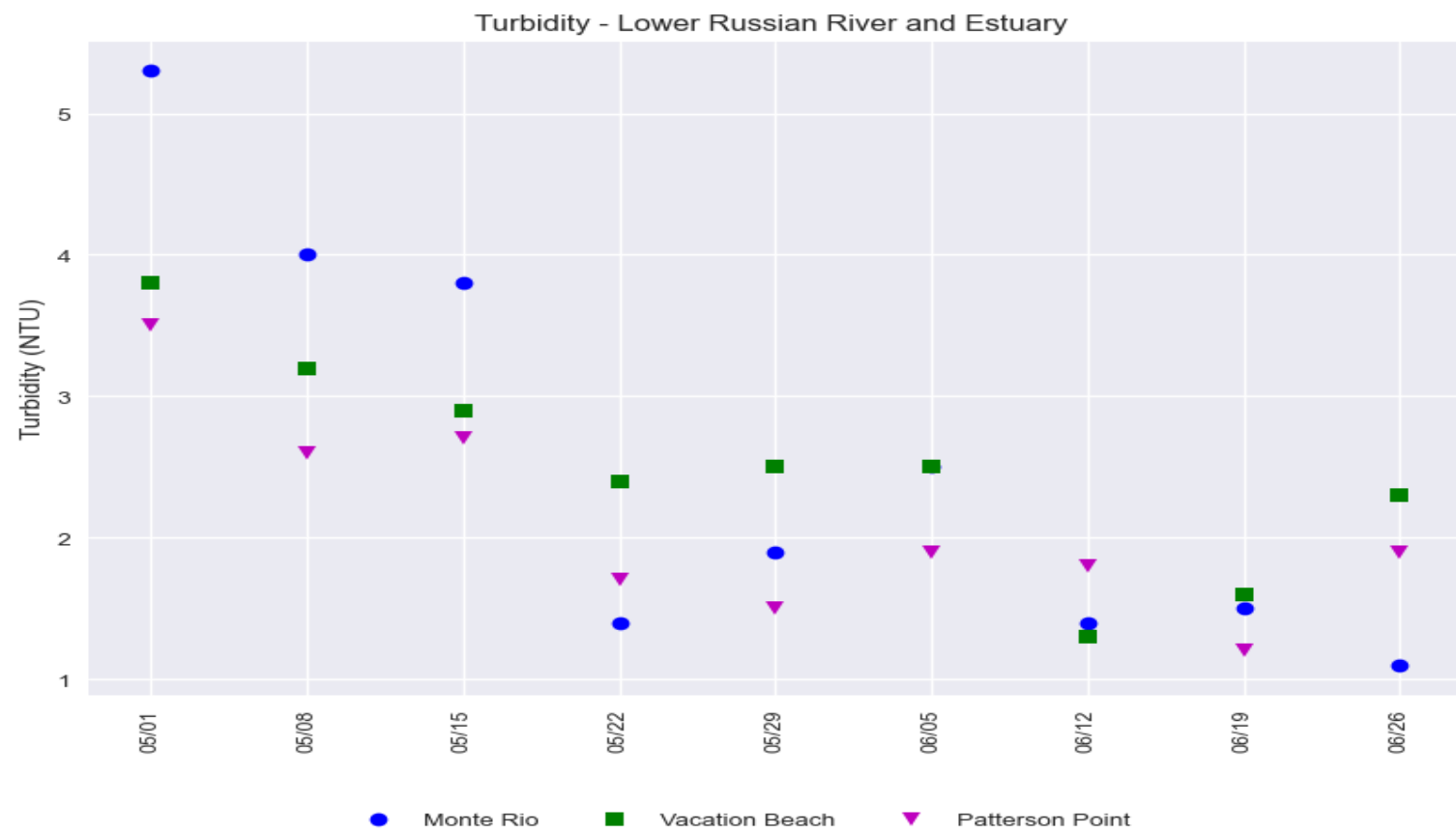
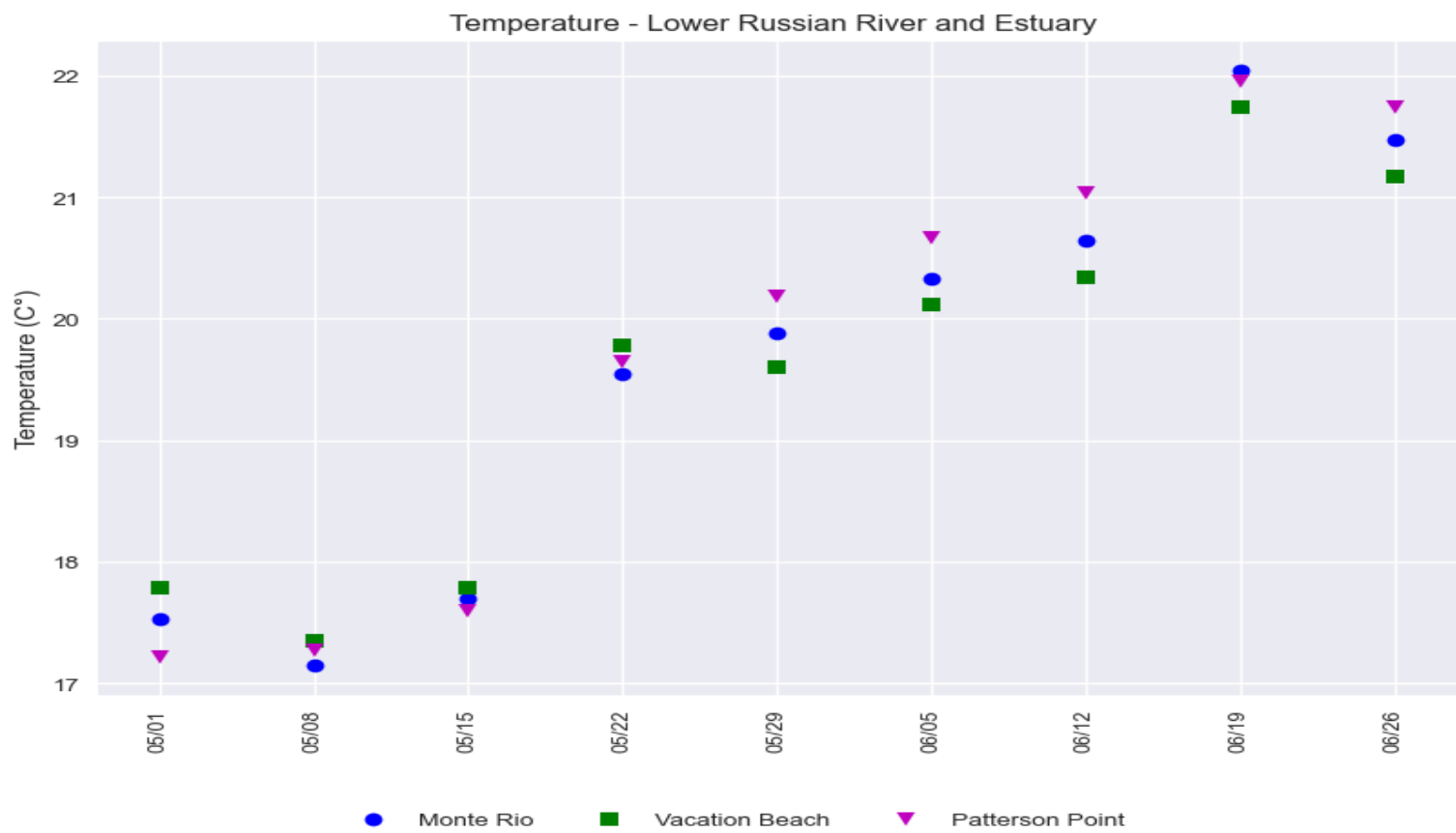
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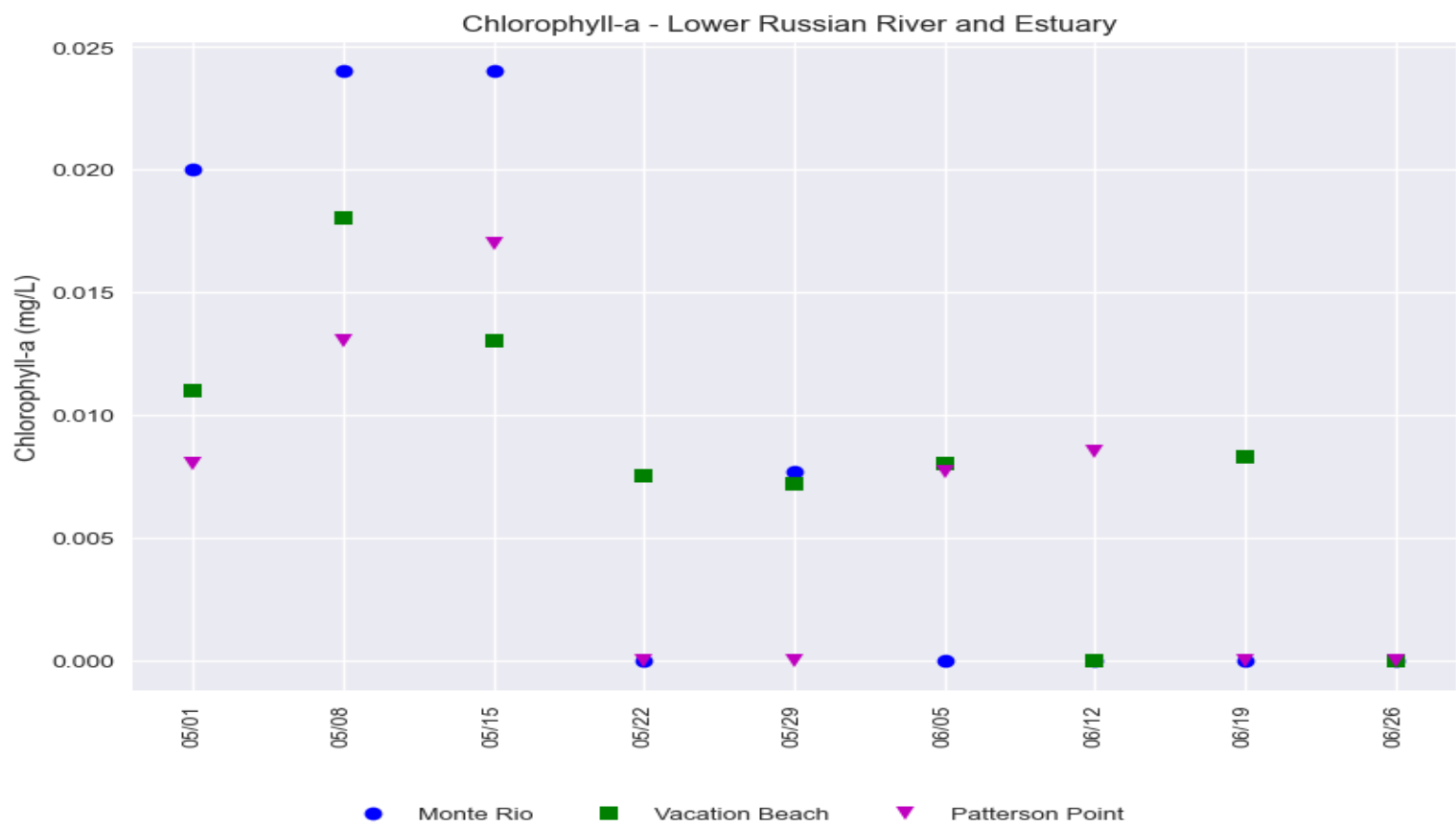
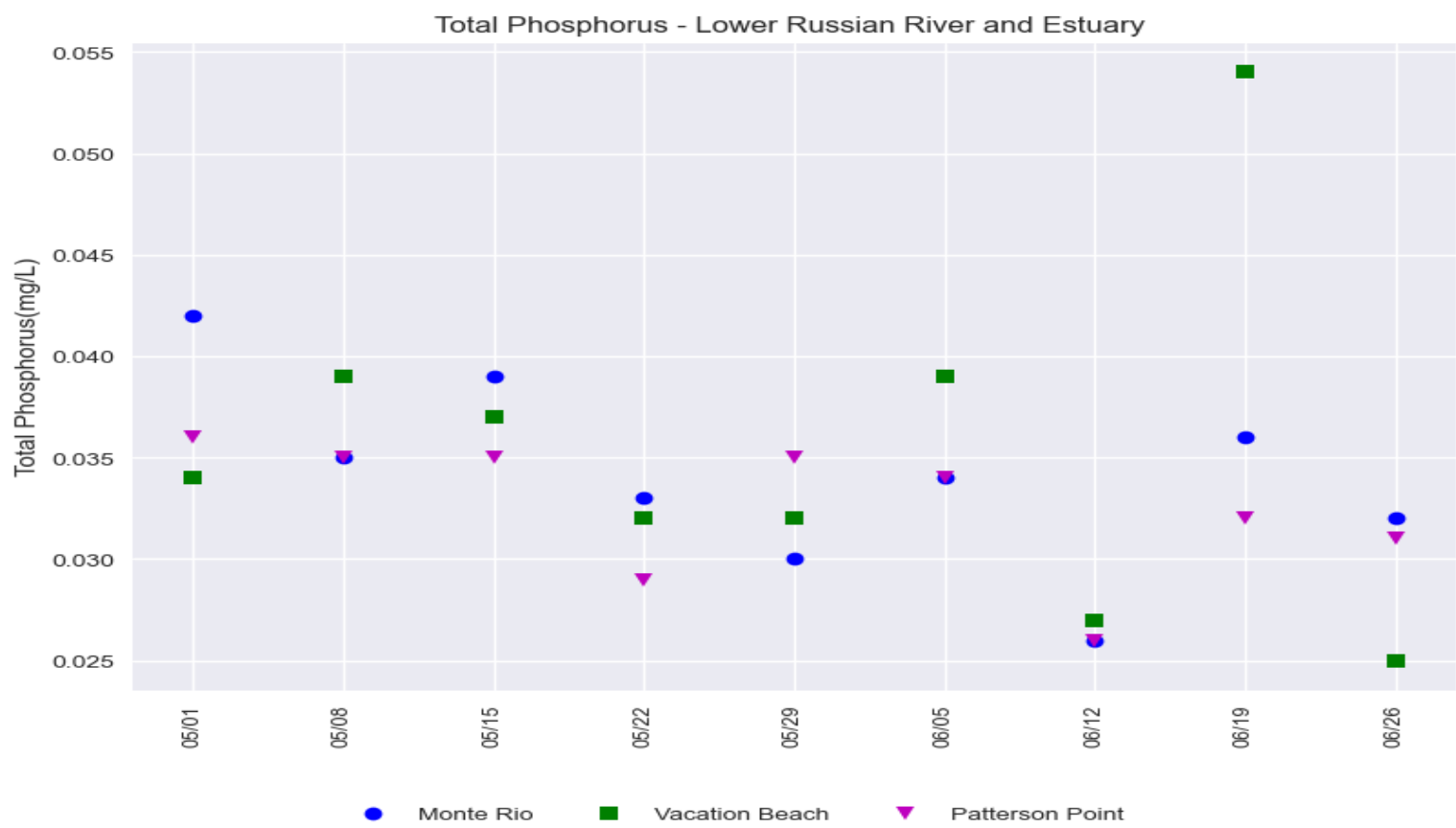


Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



Russian River Water Quality Grab Samples
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples (May 29 - July 10, 2025)
Provisional Data Subject to Revision

Russian River Estuary Standard Bacterial Indicators

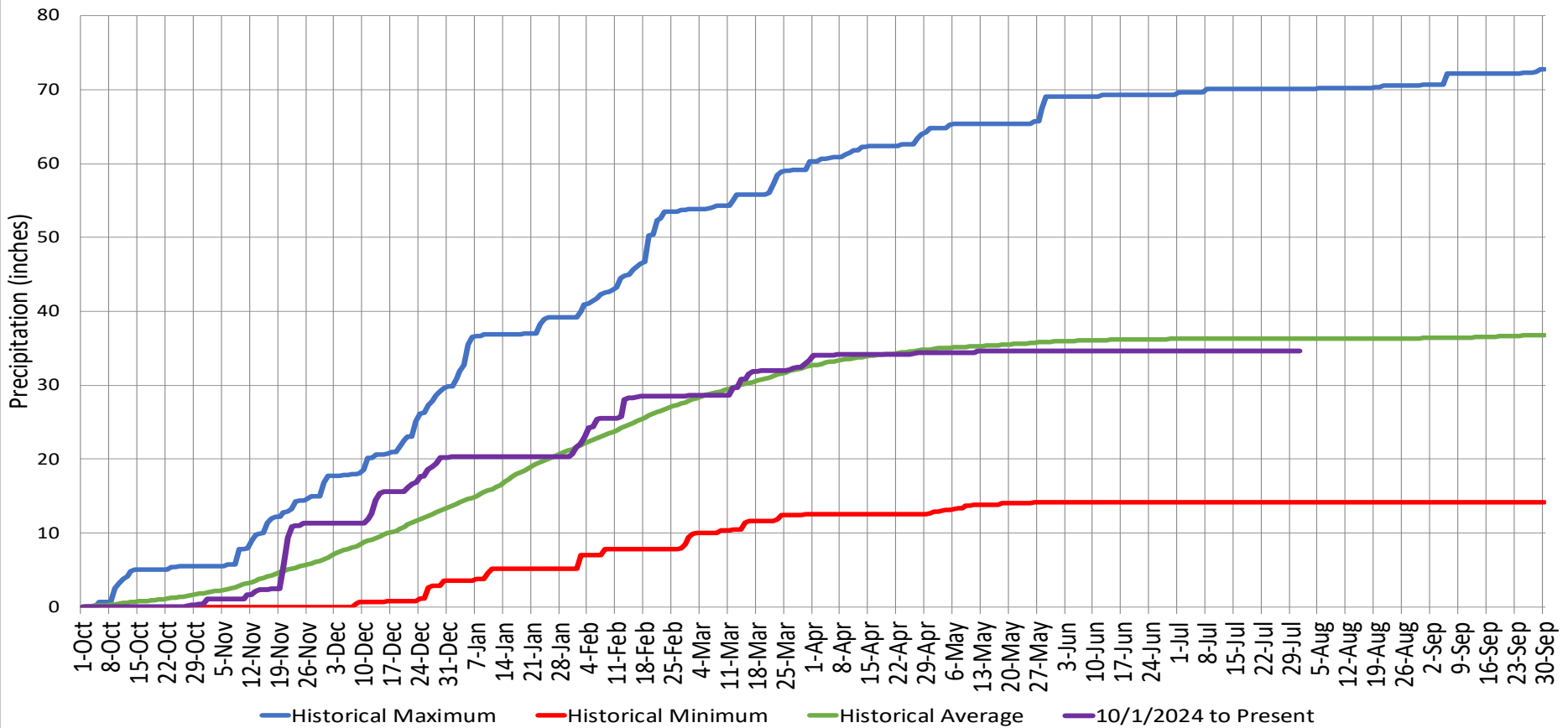
Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	5/29/2025	920.8	1046.2	1203.3
		6/5/2025	1553.1	1732.9	1986.3
		6/12/2025	1725**	1153**	1664**
		6/19/2025	1497**	2613**	2909**
		6/26/2025	3076**	3130**	2359**
		7/3/2025	2143**	2481**	2098**
		7/8/2025	2851**	3076**	2247**
		7/10/2025	2359**	3873**	3255**
E. Coli MPN/100 mL	235	5/29/2025	9.8	48.7	14.6
		6/5/2025	17.5	20.1	45.7
		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
Enterococcus MPN/100 mL****	61	5/29/2025	60.2	14.8	4.1
		6/5/2025	15.8	7.4	14.4
		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

*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 - Jul 31, 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

