



Sonoma Water

State Water Resources Control Board Temporary Urgency Change Order (6/17/2022) Russian River Water Quality Report June 17, 2022 - June 23, 2022

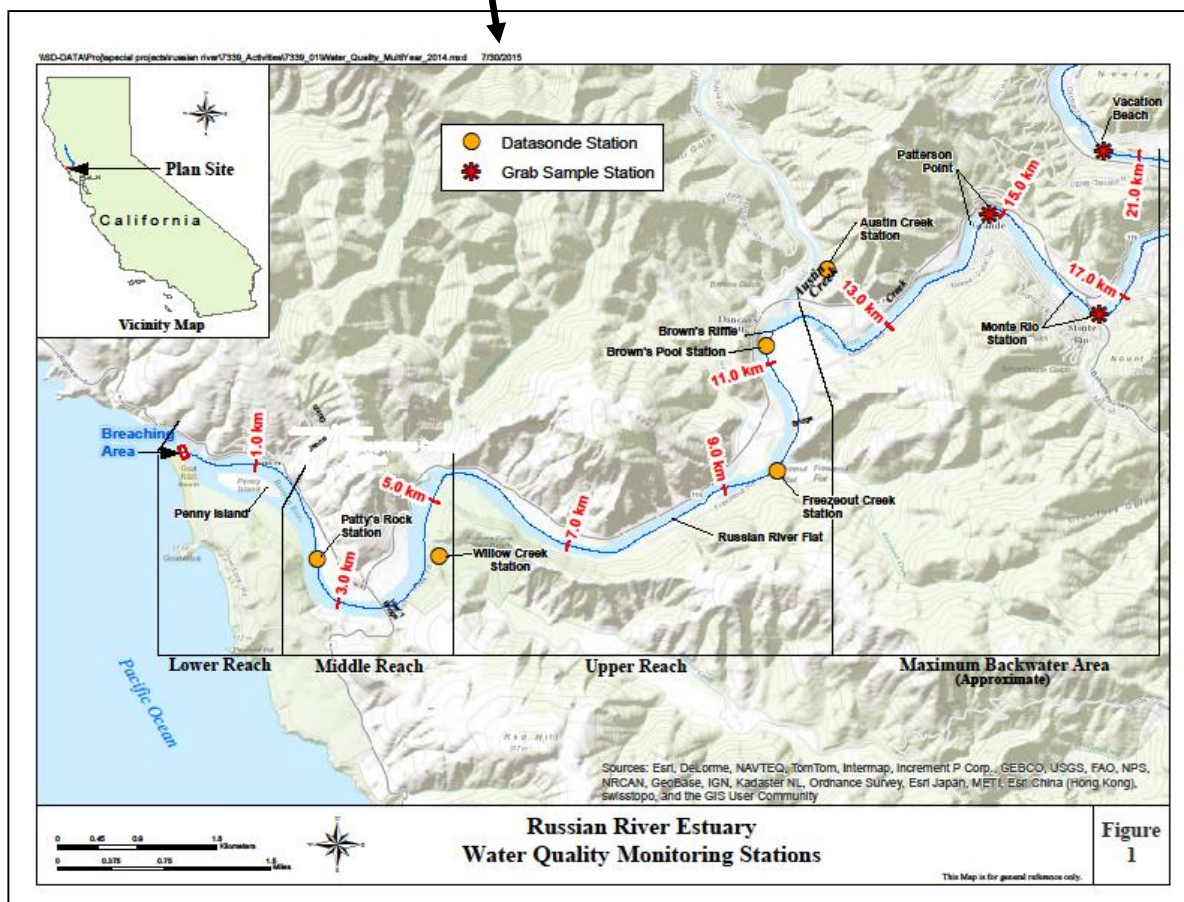
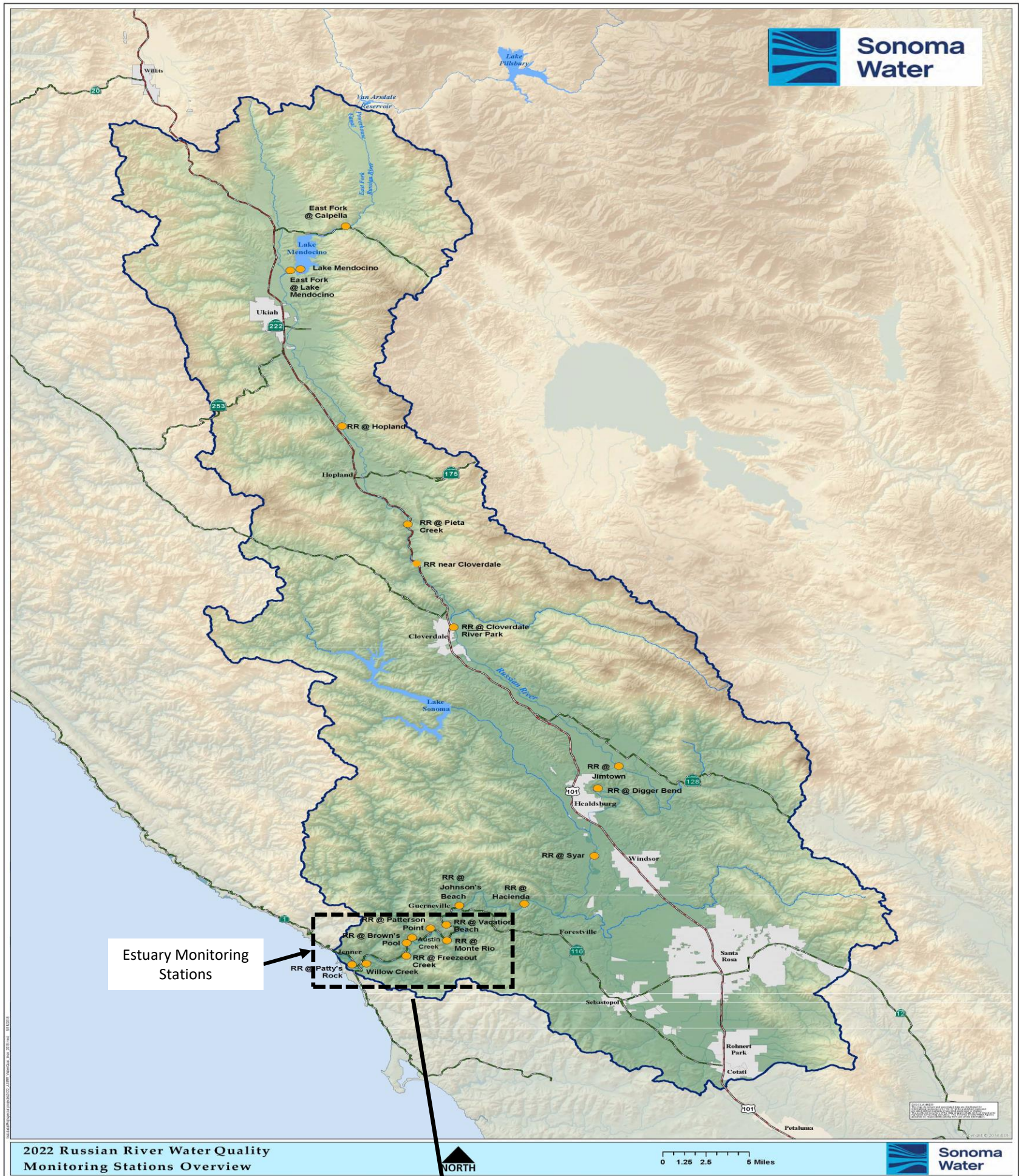
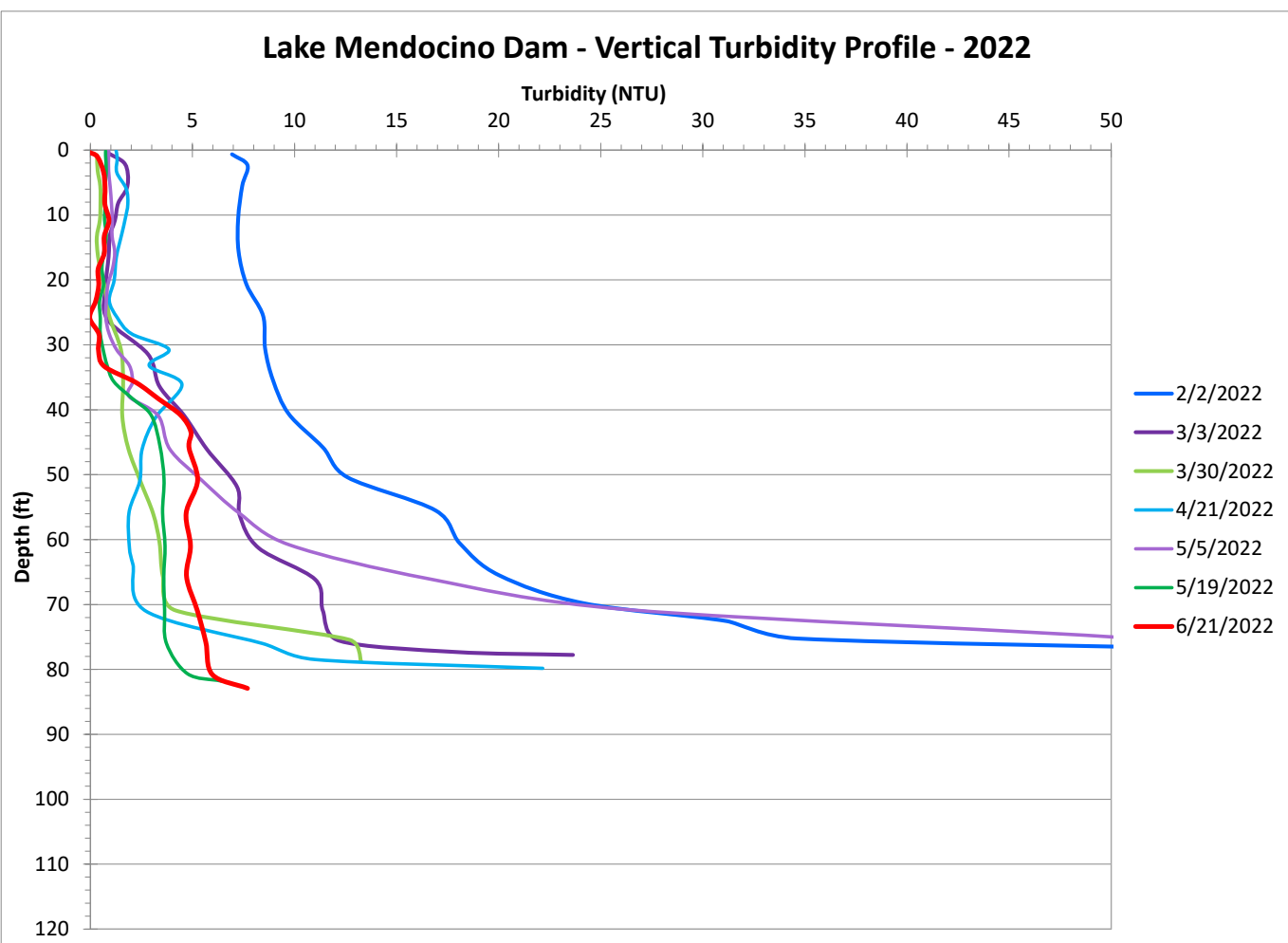
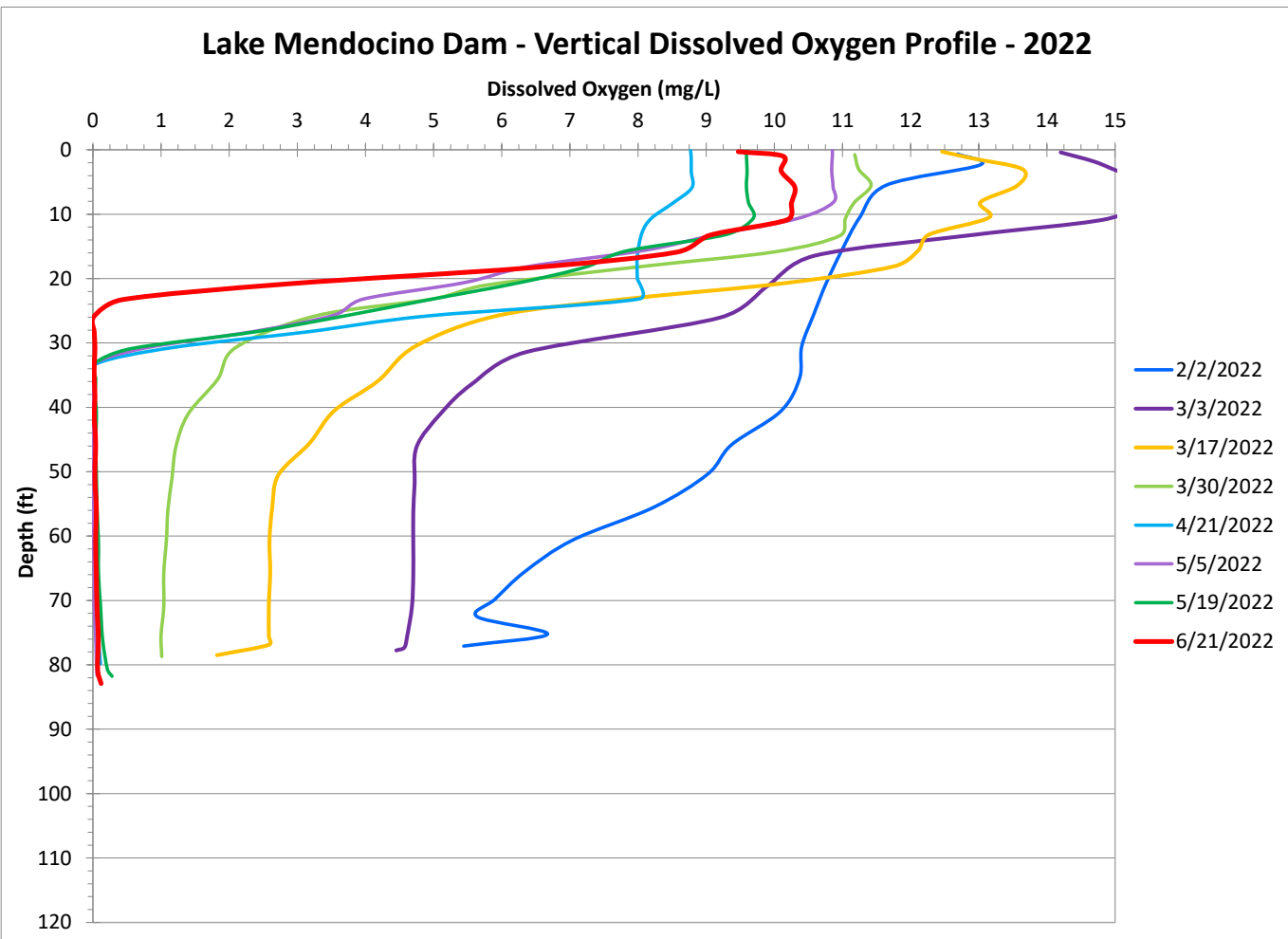
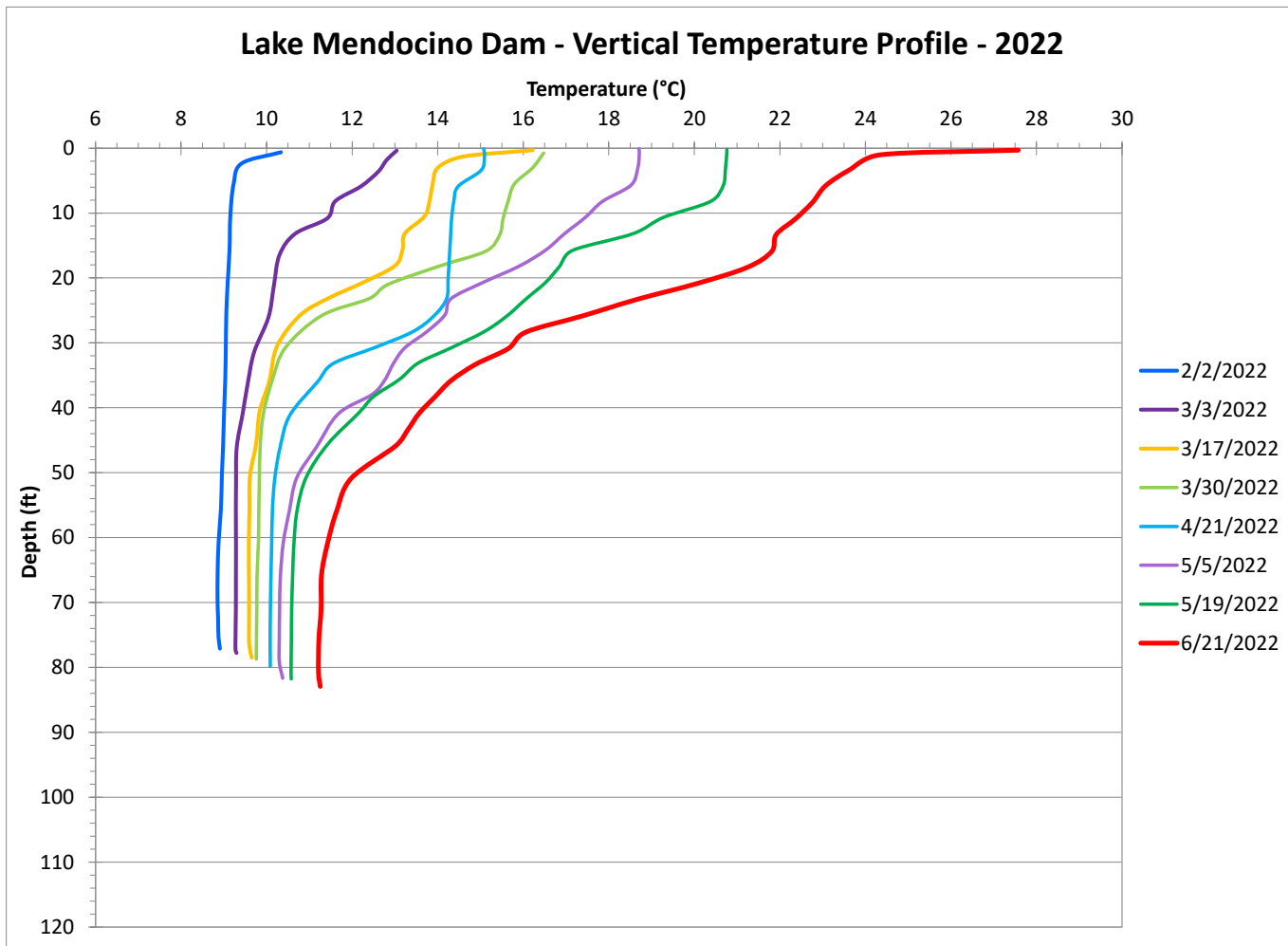


Figure 1

Lake Mendocino Water Quality Vertical Profiles (February 2 - June 21, 2022)
Provisional Data Subject to Revision

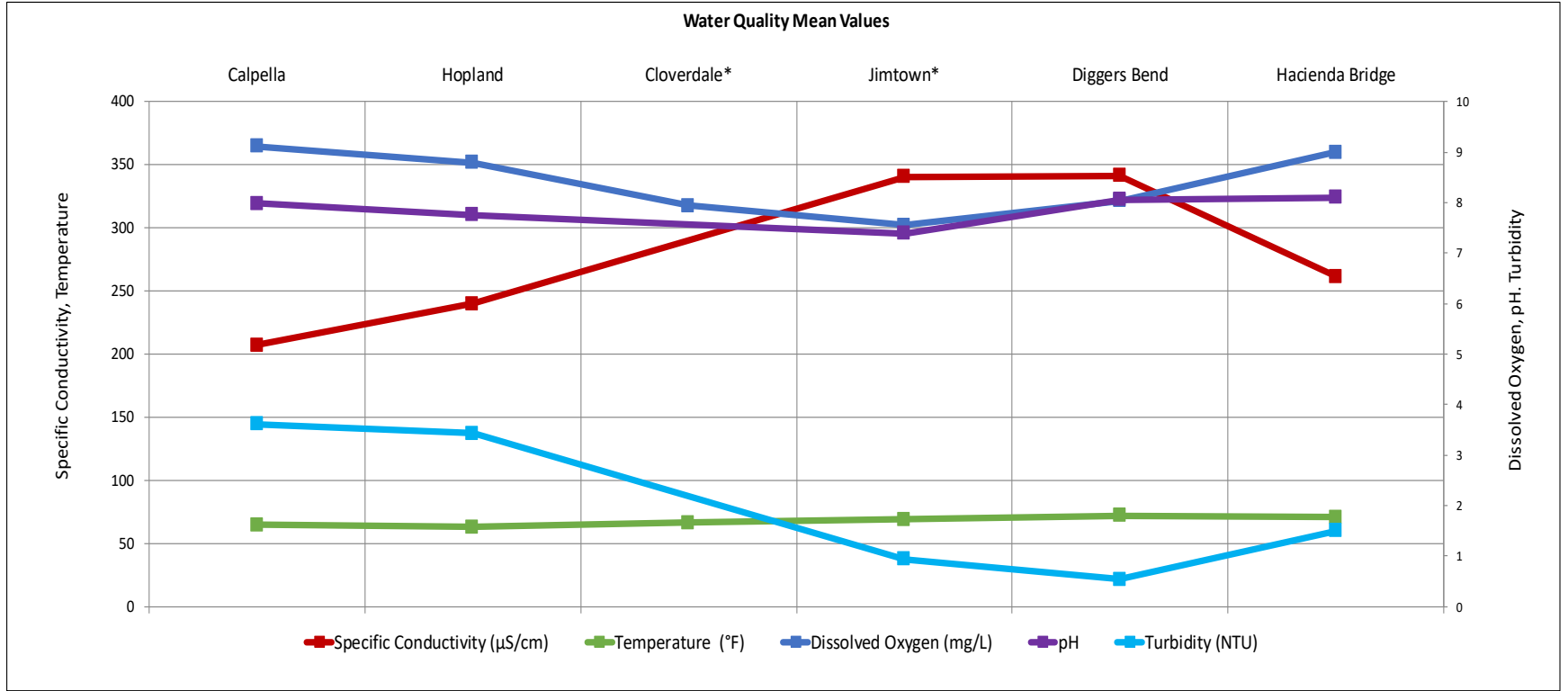


Russian River Water Quality Sonds (June 17, 2022 - June 23, 2022)

Provisional Data Subject to Revision

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	59.7	55.8	60.1	63.7	65.1		64.8	
	Max	70.7	71.8	75.0	75.2	79.9		77.4	
	Mean	64.8	63.0	66.3	69.1	72.3		70.9	
Specific Conductivity (µS/cm)	Min	203.0	226.0		332.0	337.0		253.0	
	Max	212.0	259.0		361.0	349.0		280.0	
	Mean	207.4	240.2		340.5	341.3		261.7	
Dissolved Oxygen (mg/L)	Min	8.3	6.3	5.1	5.0	6.4		7.6	
	Max	10.0	10.9	10.6	10.3	9.6		10.0	
	Mean	9.1	8.8	7.9	7.6	8.0		9.0	
Dissolved Oxygen (% Saturation)	Min	92.0	67.9	57.3	55.1	72.9		86.2	
	Max	104.8	111.9	113.3	121.2	114.2		115.6	
	Mean	96.7	91.2	85.6	84.4	92.8		102.2	
pH	Min	7.9	7.5		7.2	7.9		7.9	
	Max	8.2	8.1		7.6	8.3		8.4	
	Mean	8.0	7.8		7.4	8.1		8.1	
Turbidity (NTU)	Min	2.4	1.8		0.4	0.0		1.0	
	Max	5.3	5.4		1.4	1.2		2.1	
	Mean	3.6	3.4		0.9	0.5		1.5	

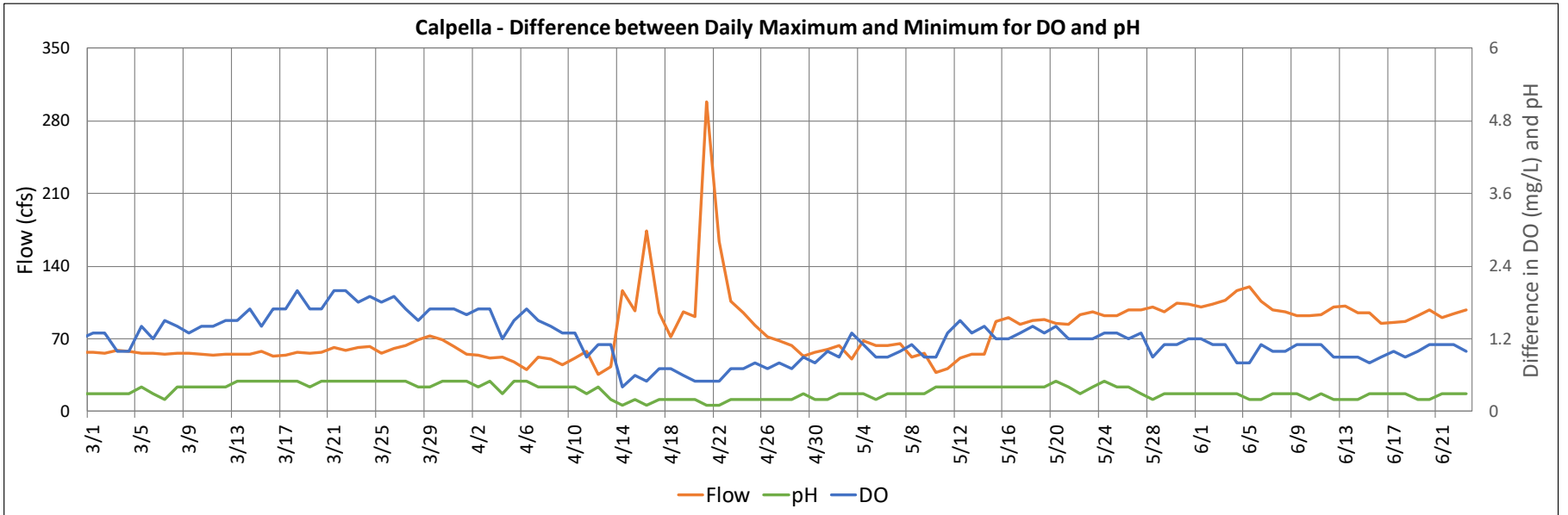
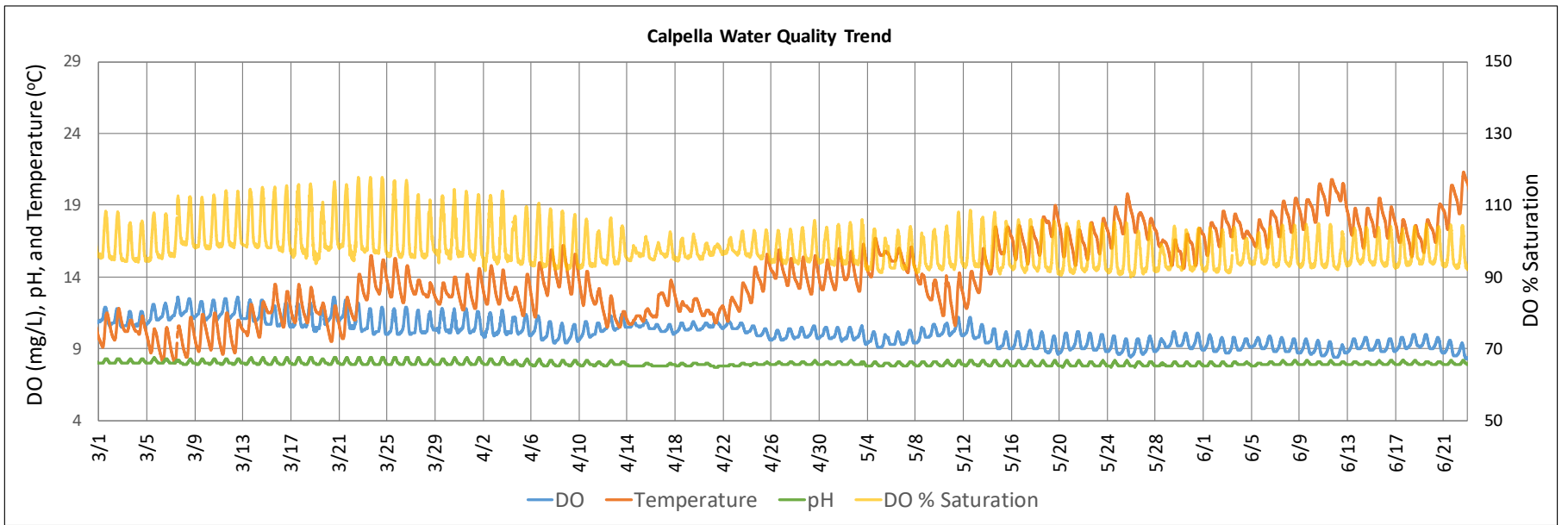
*Station operated seasonally



Russian River Water Quality (March 1, 2022 - June 23, 2022)

Provisional Data Subject to Revision

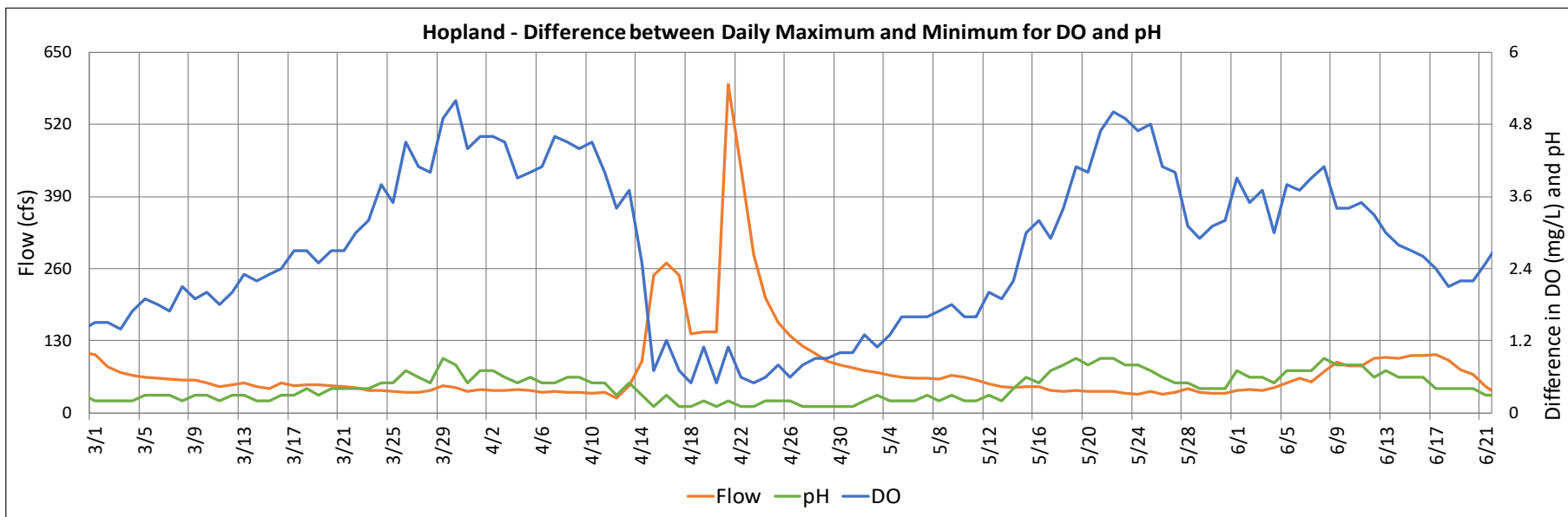
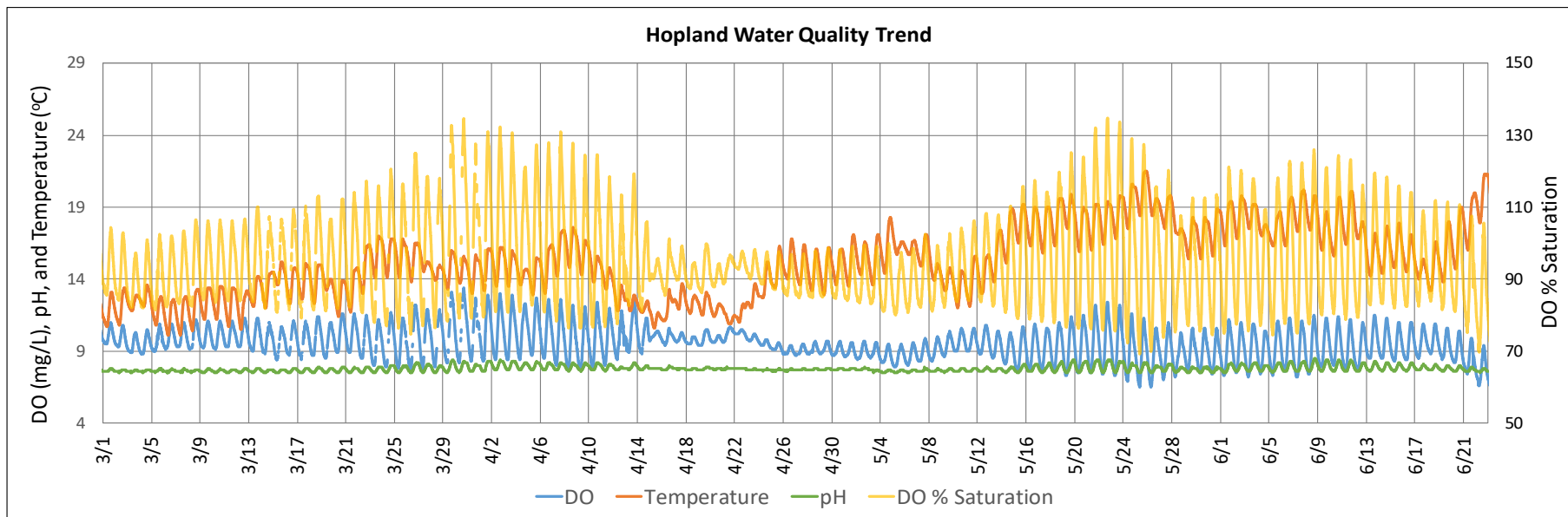
Calpella (East Fork Russian River)



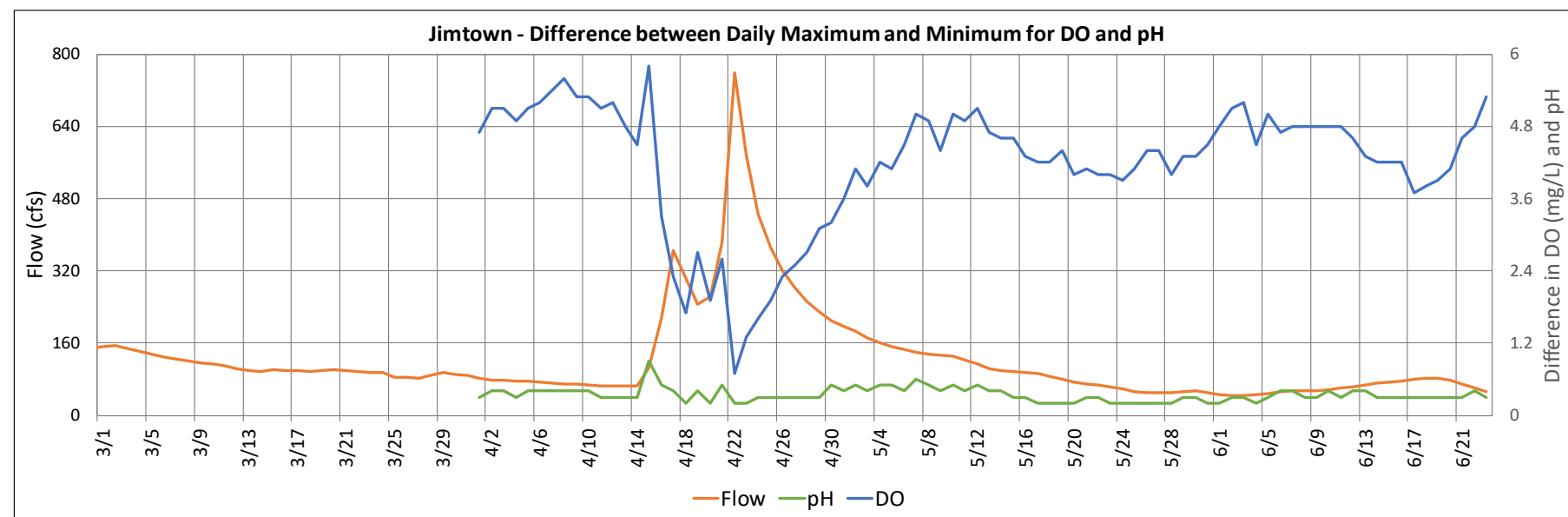
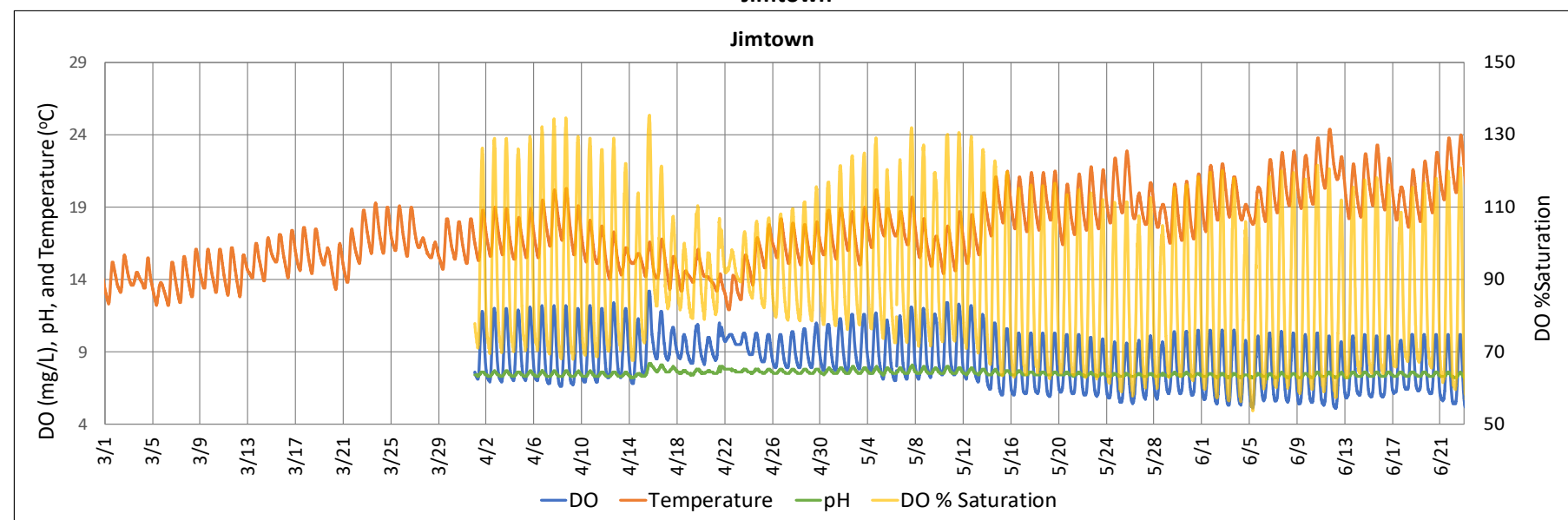
Russian River Water Quality (March 1, 2022 - June 23, 2022)

Provisional Data Subject to Revision

Hopland



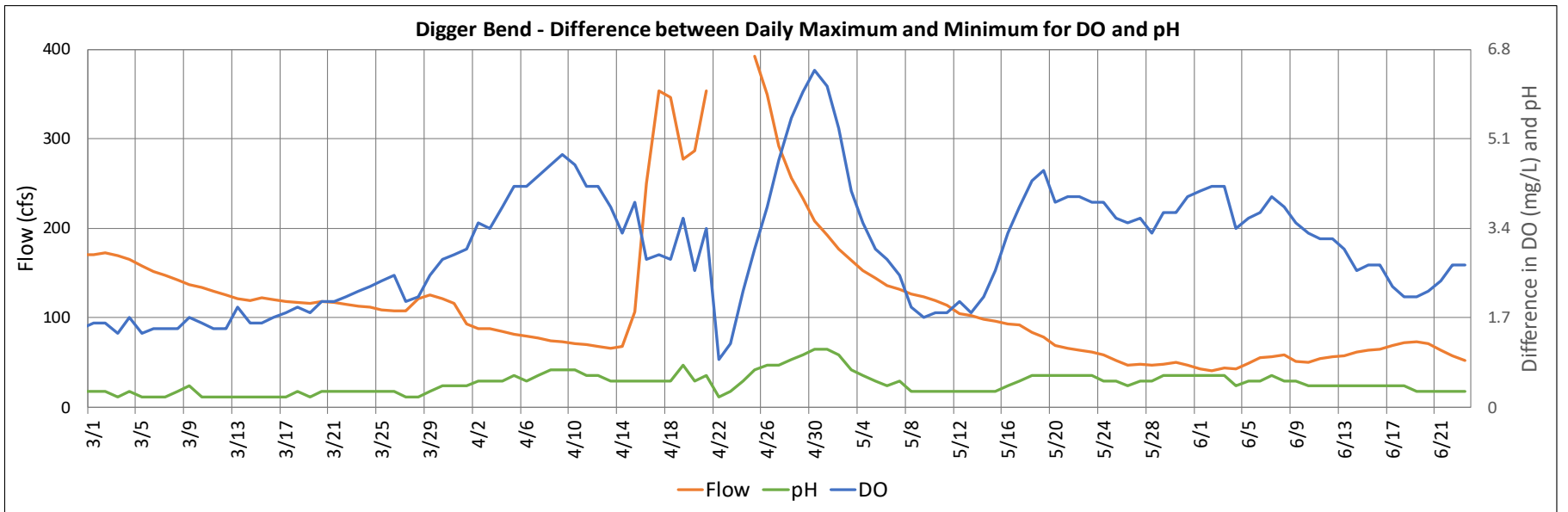
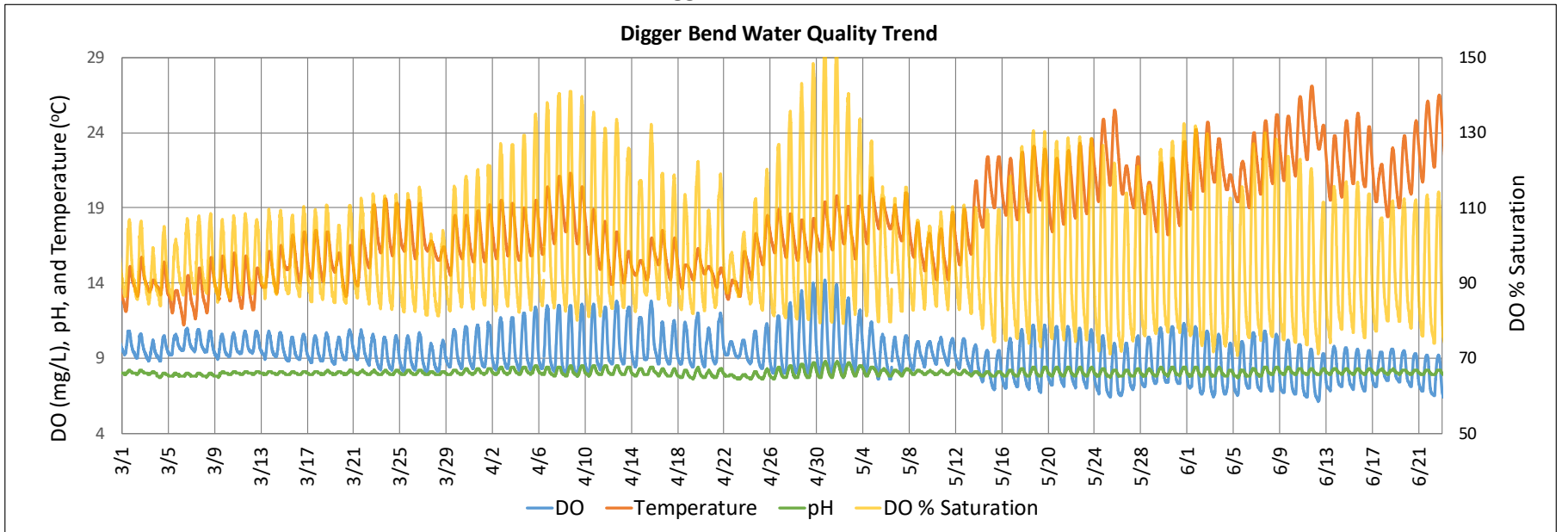
Jimtown



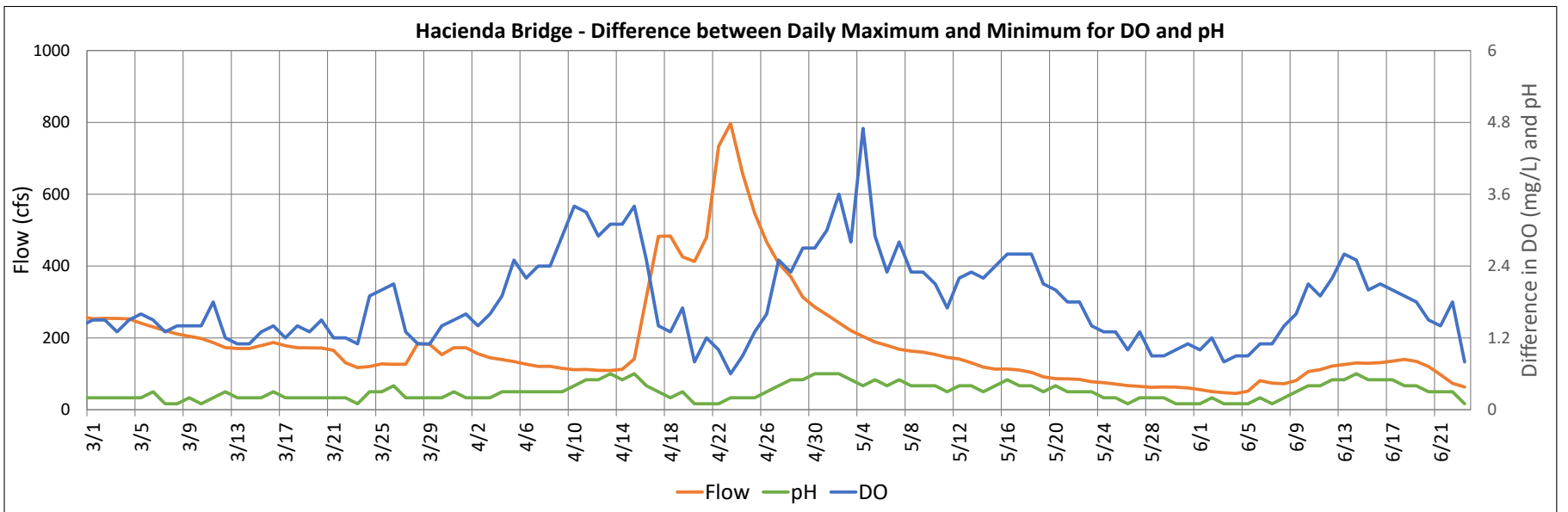
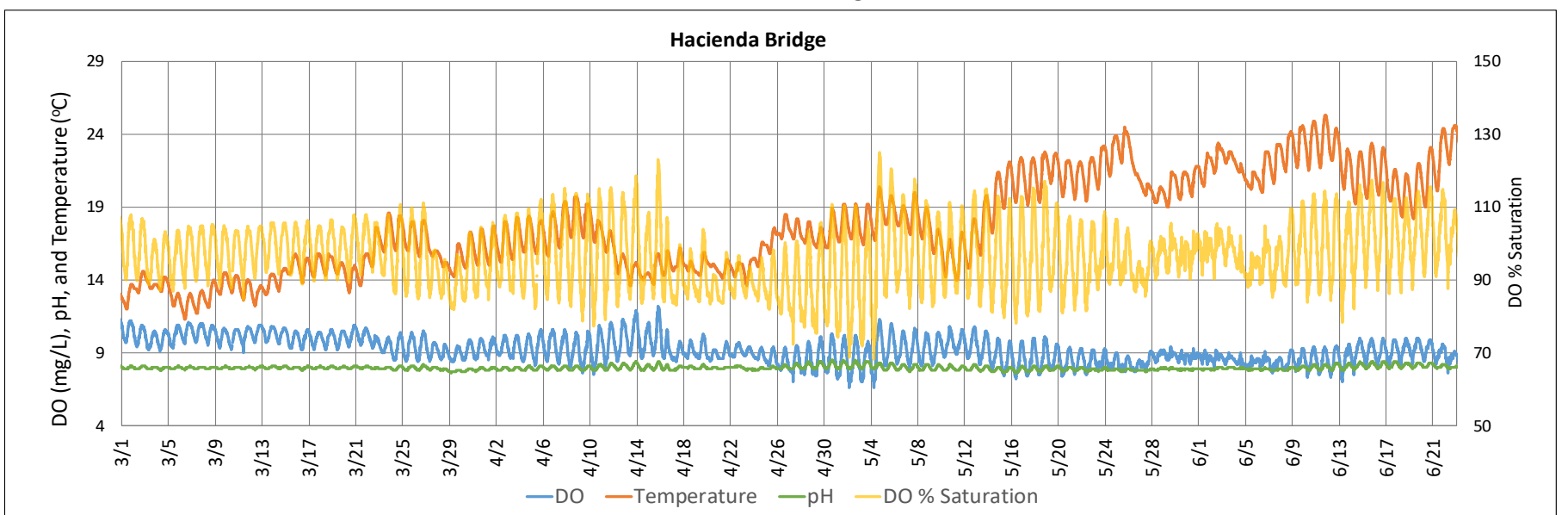
Russian River Water Quality (March 1, 2022 - June 23, 2022)

Provisional Data Subject to Revision

Digger Bend



Hacienda Bridge

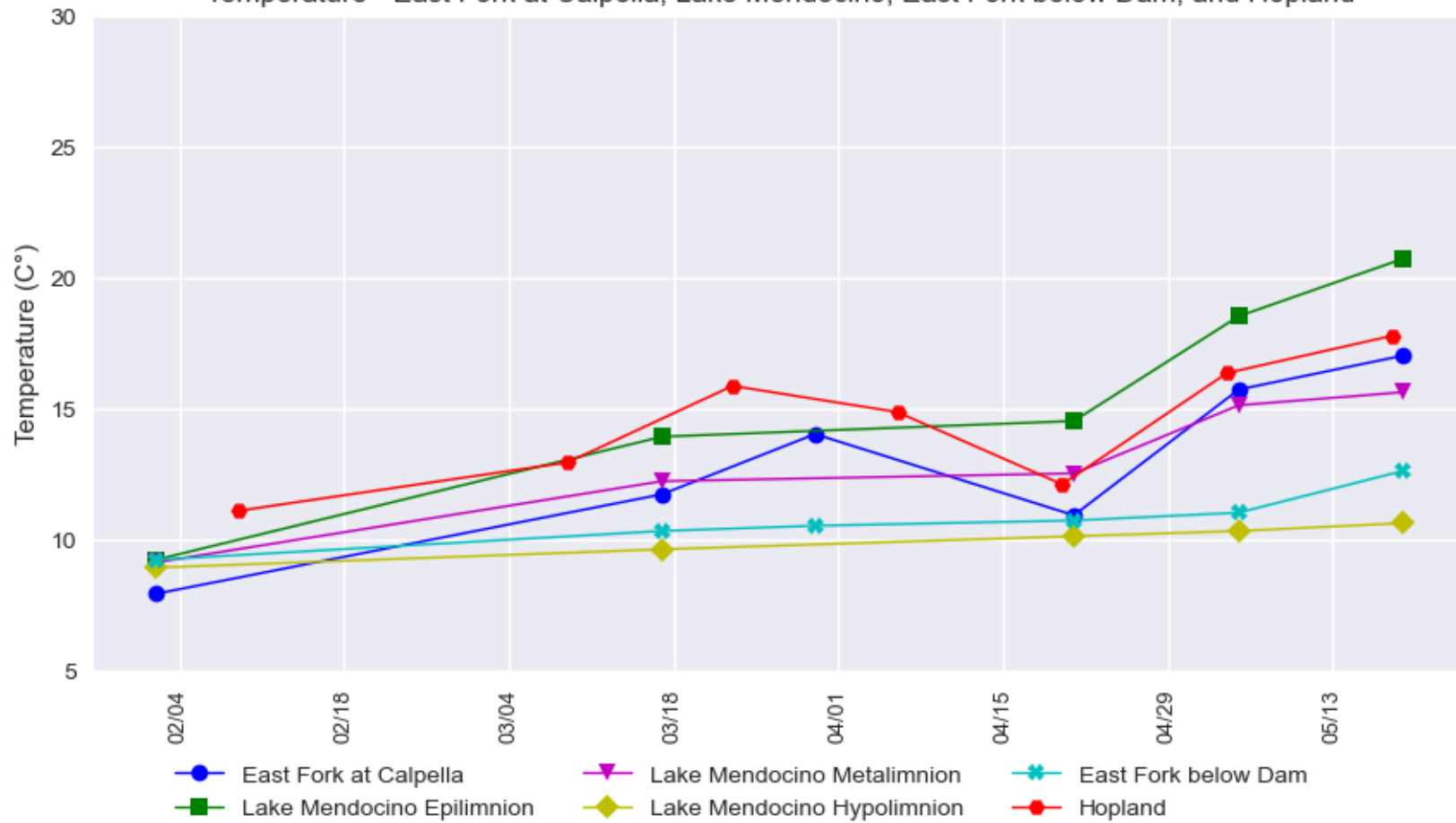


Russian River Water Quality Grab Samples (February 2 - May 19, 2022)

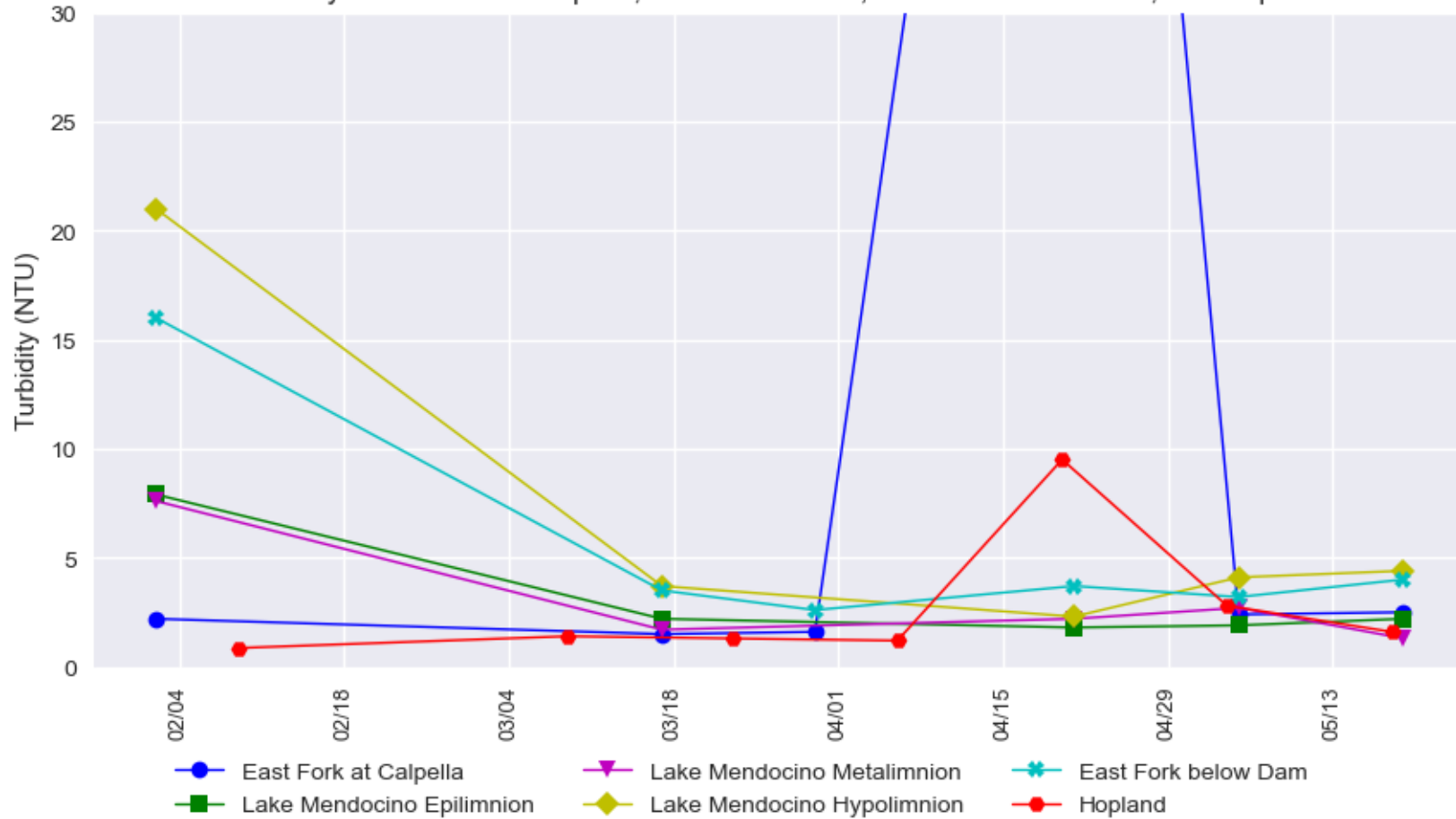
Provisional Data Subject to Revision

Lake Mendocino to Hopland Water Quality

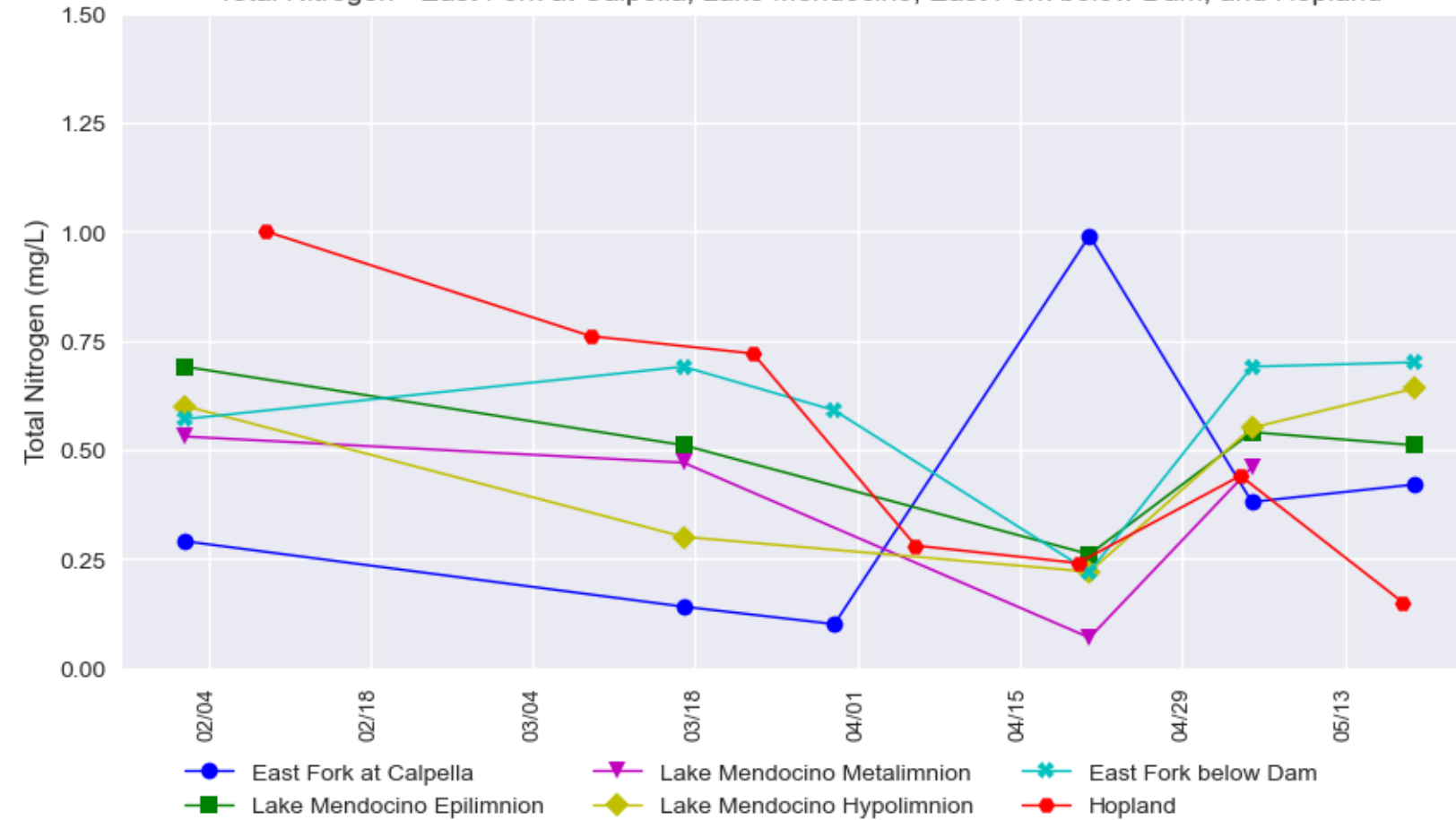
Temperature - East Fork at Calpella, Lake Mendocino, East Fork below Dam, and Hopland



Turbidity - East Fork at Calpella, Lake Mendocino, East Fork below Dam, and Hopland



Total Nitrogen - East Fork at Calpella, Lake Mendocino, East Fork below Dam, and Hopland

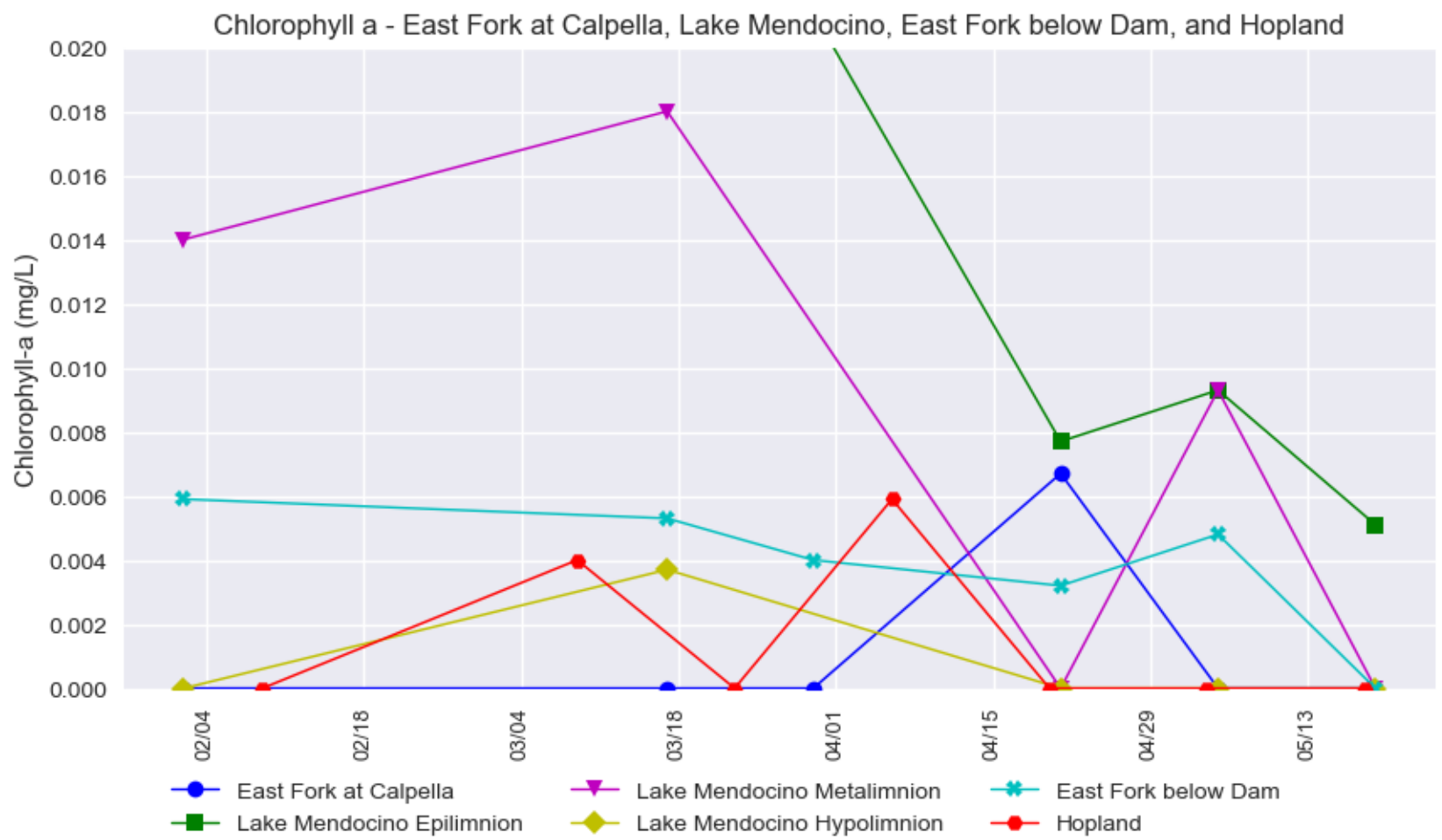
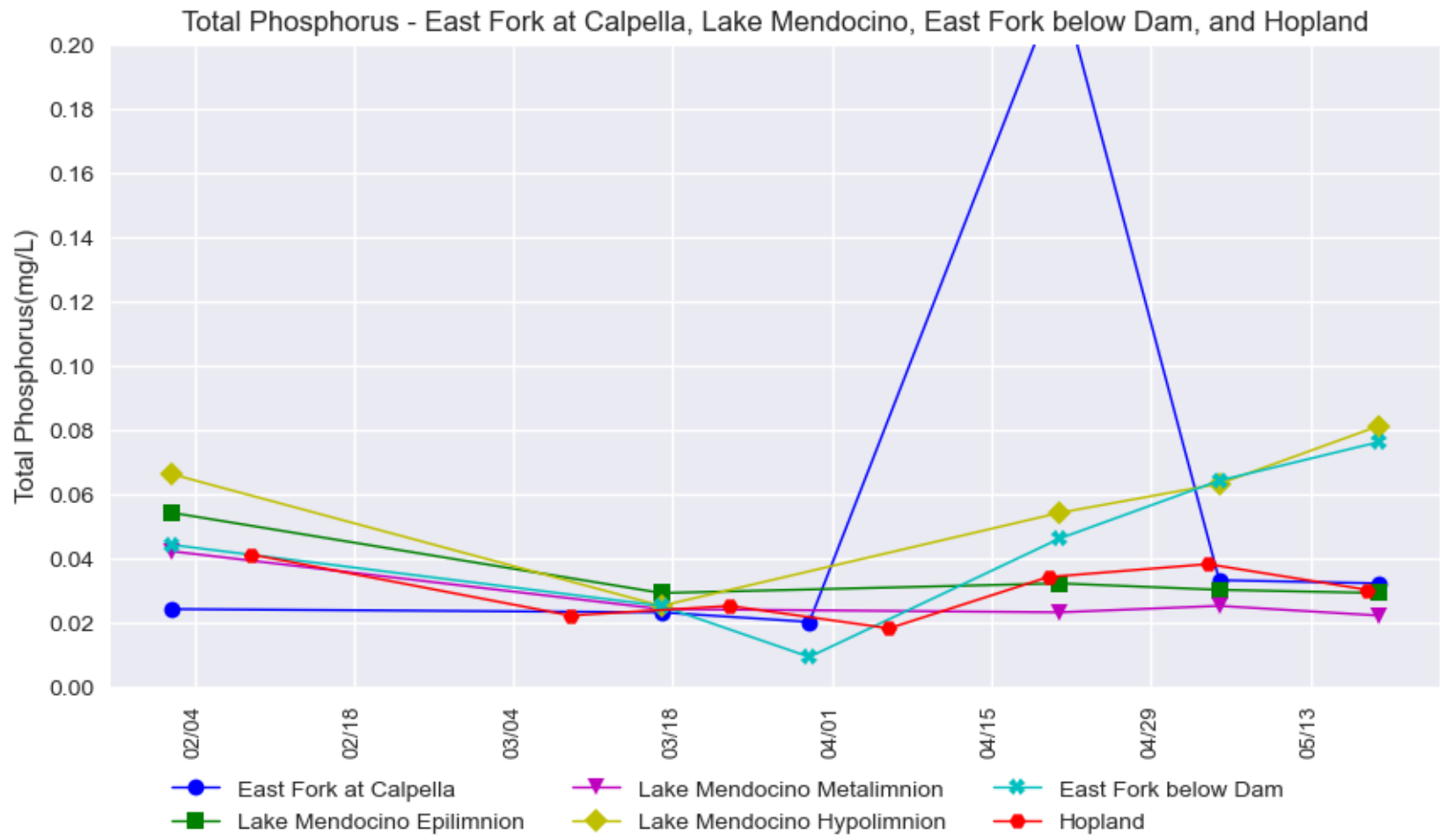


*Each marker in the plot represents a grab sample. The lines are used to help visualize the data, but do not represent a continuous data measurement.

Russian River Water Quality Grab Samples (February 2 - May 19, 2022)

Provisional Data Subject to Revision

Lake Mendocino to Hopland Water Quality



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Russian River Water Quality Grab Samples (February 2 - May 19, 2022)

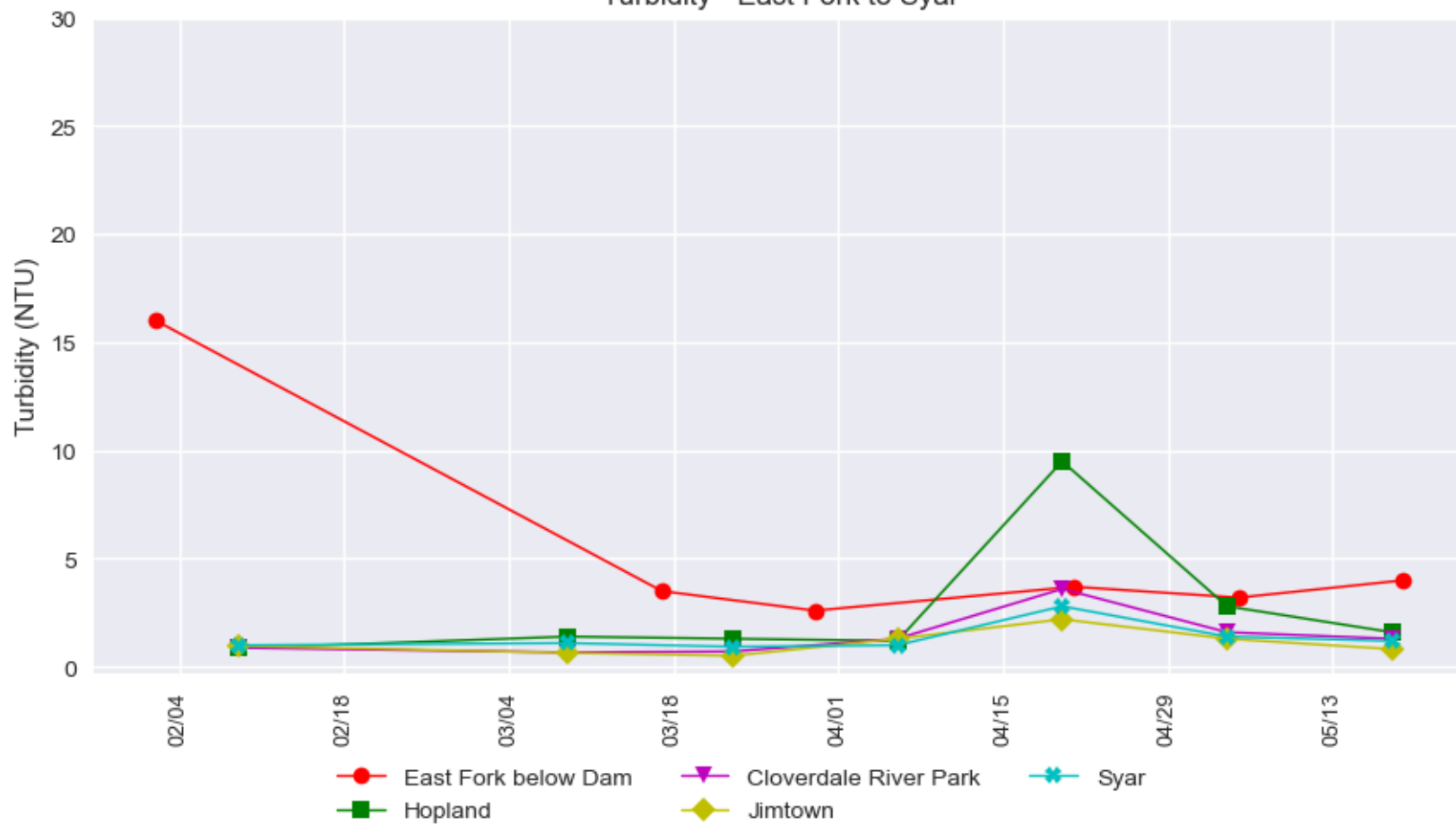
Provisional Data Subject to Revision

East Fork (below Lake Mendocino) to Syar Water Quality

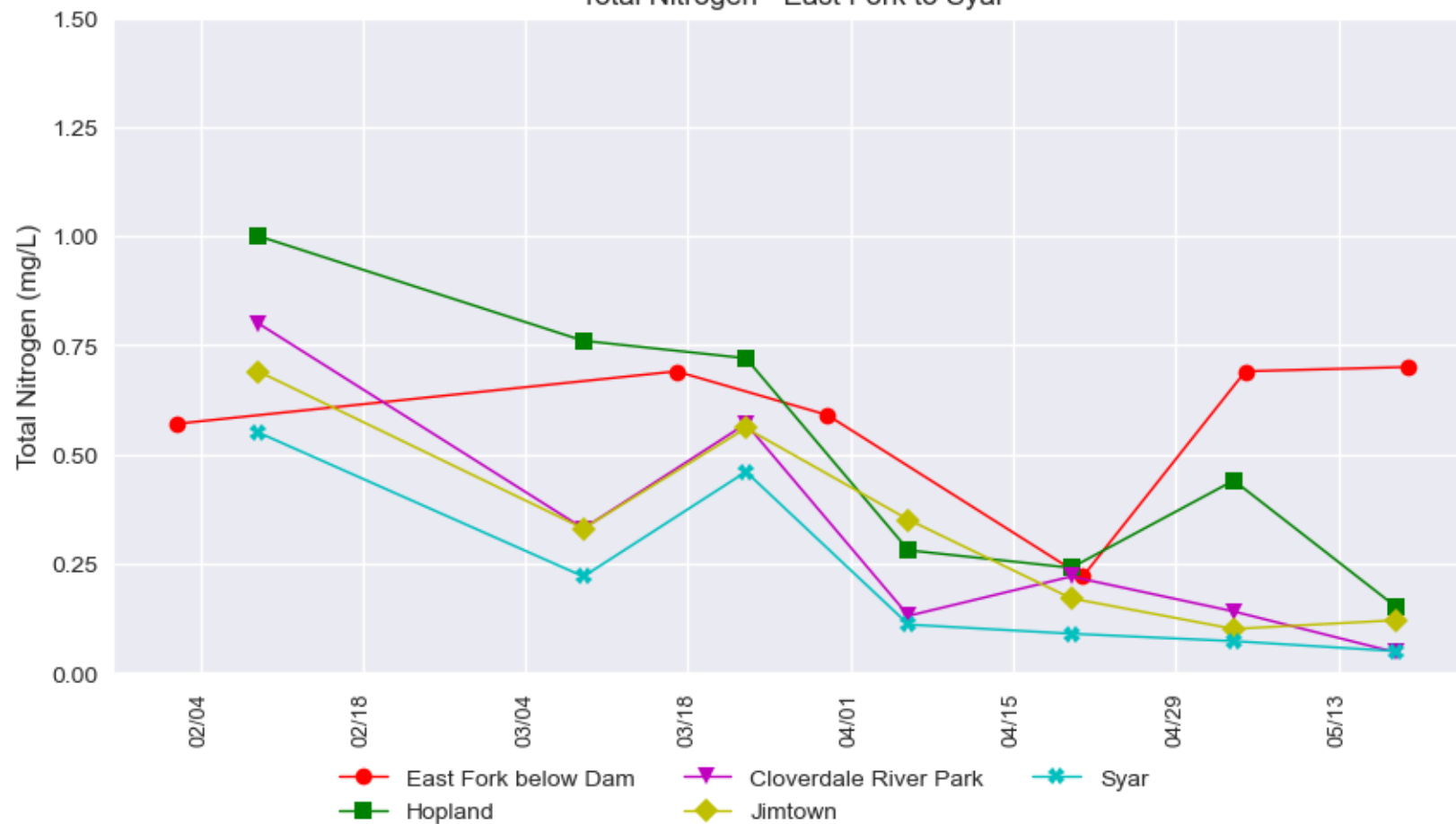
Temperature - East Fork to Syar



Turbidity - East Fork to Syar



Total Nitrogen - East Fork to Syar



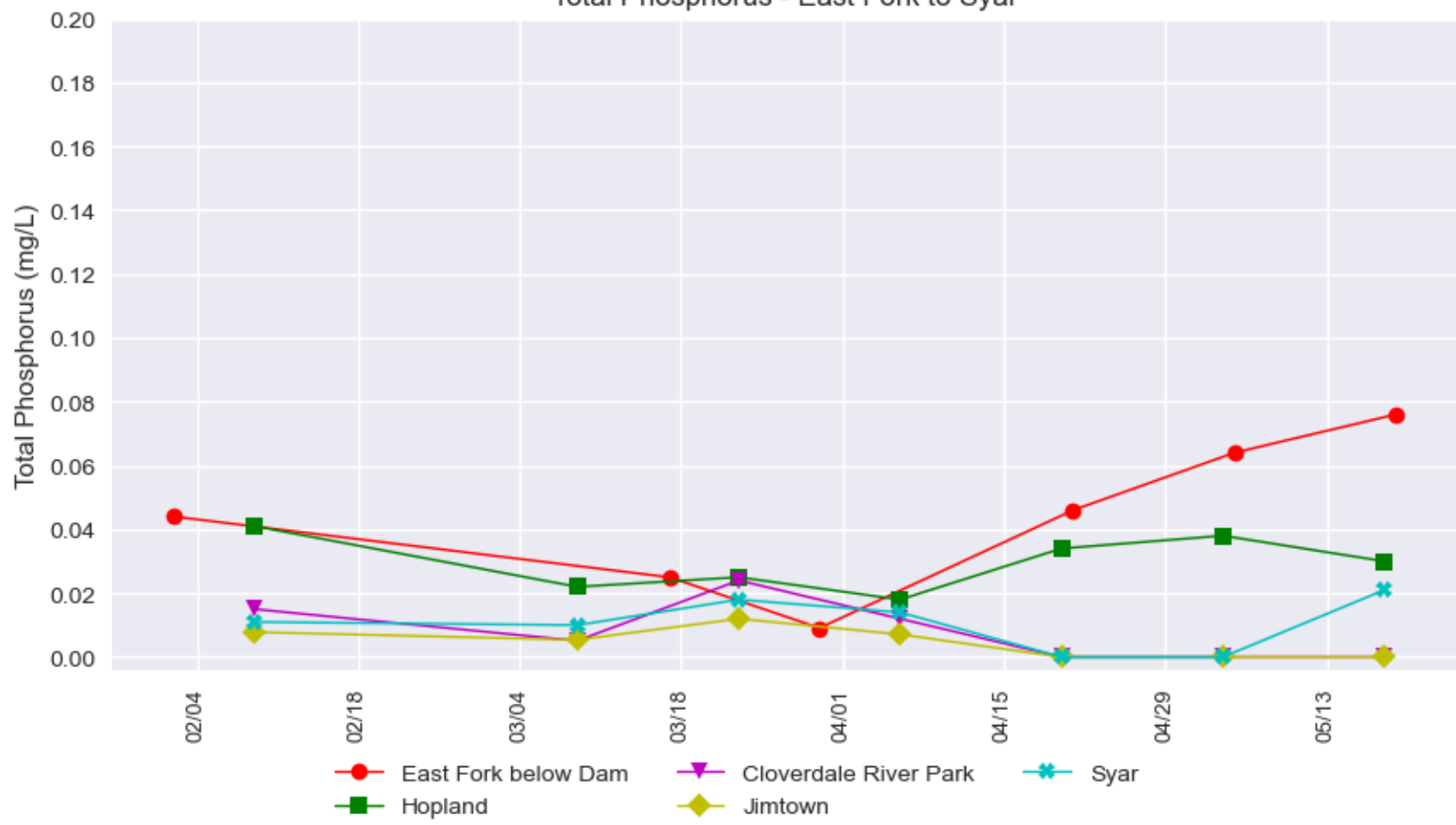
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Russian River Water Quality Grab Samples (February 2 - May 19, 2022)

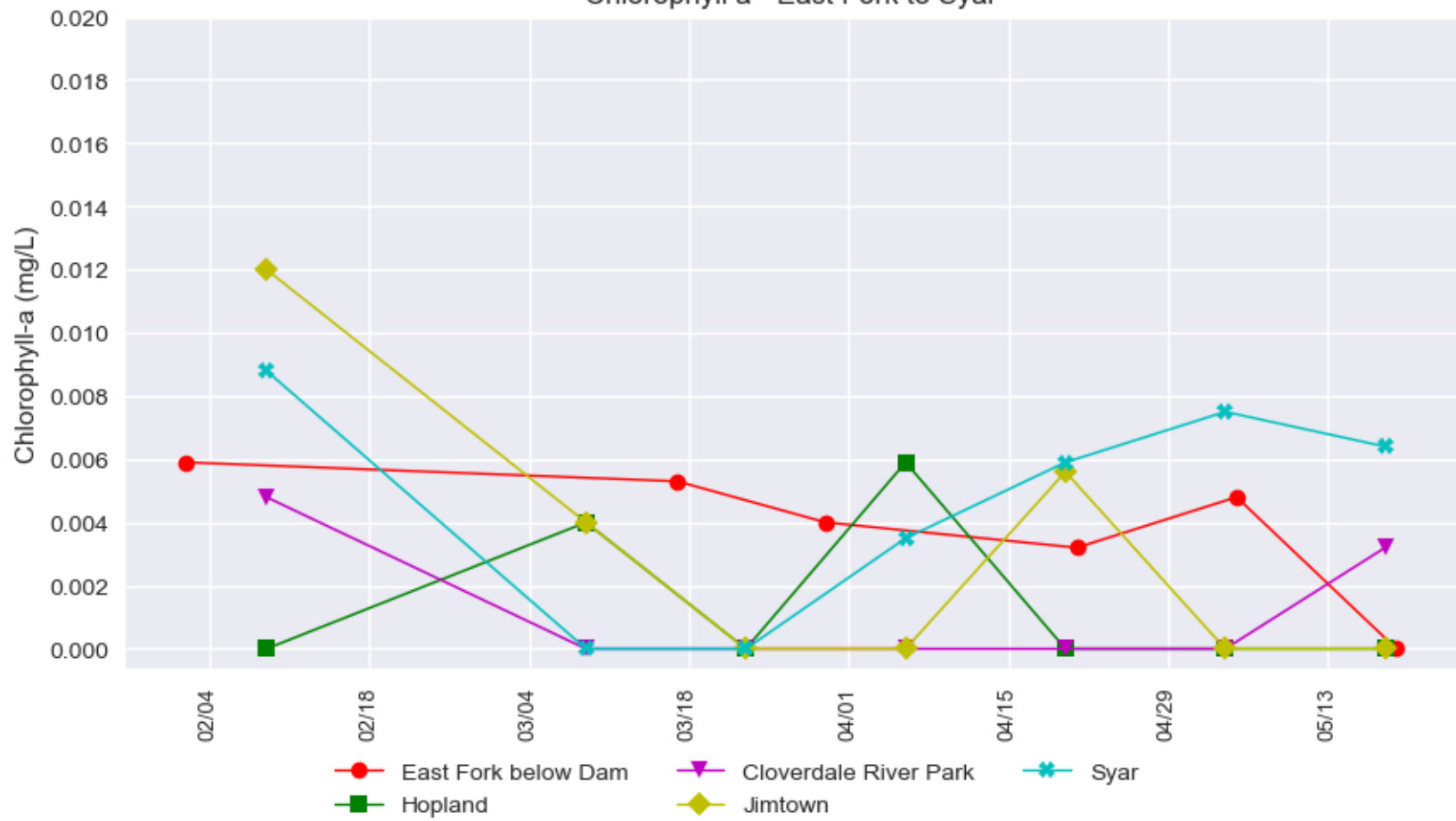
Provisional Data Subject to Revision

East Fork (below Lake Mendocino) to Syar Water Quality

Total Phosphorus - East Fork to Syar



Chlorophyll a - East Fork to Syar



*Each marker in the plot represents a grab sample. The lines are used to help visualize the data, but do not represent a continuous data measurement.