



Sonoma Water

State Water Resources Control Board Temporary Urgency Change Order (5/19/2023) Russian River Water Quality Report July 7– July 13, 2023

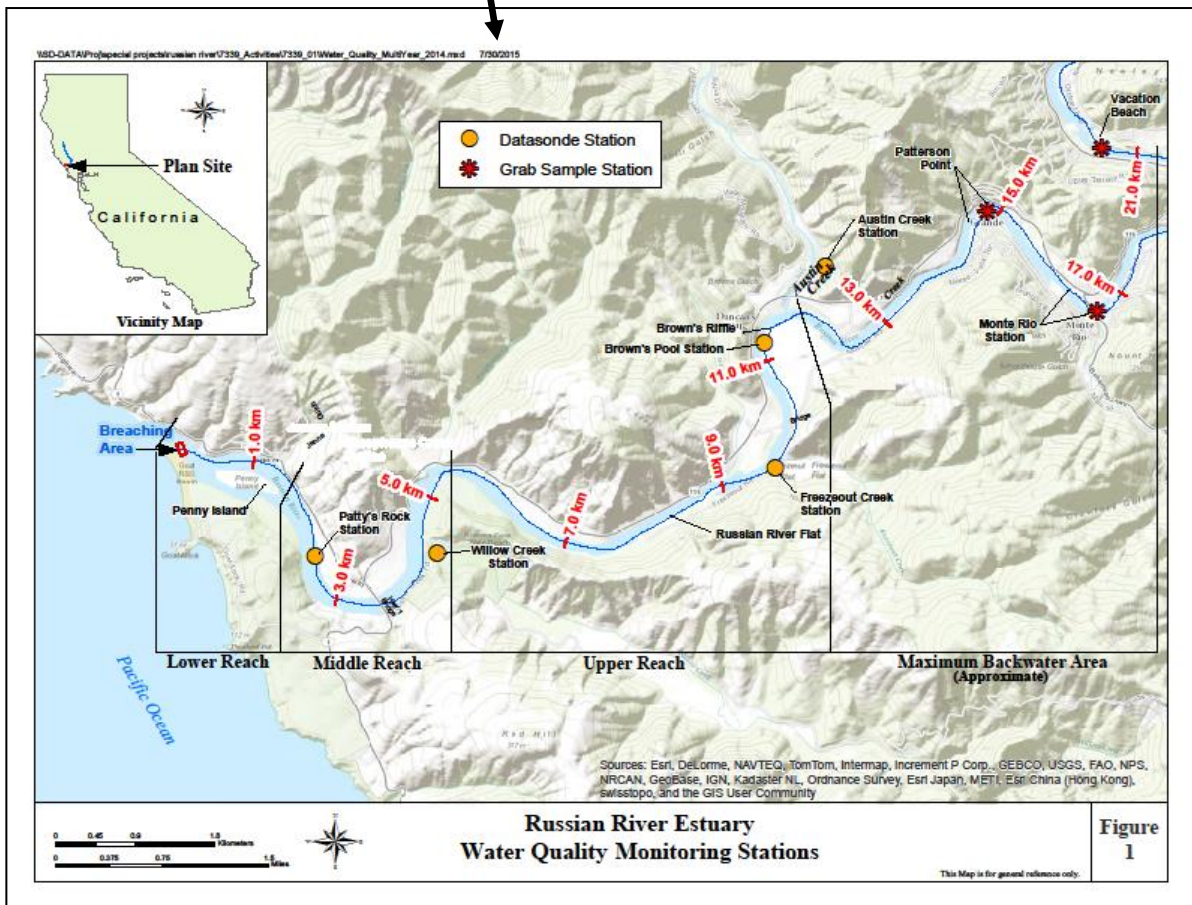
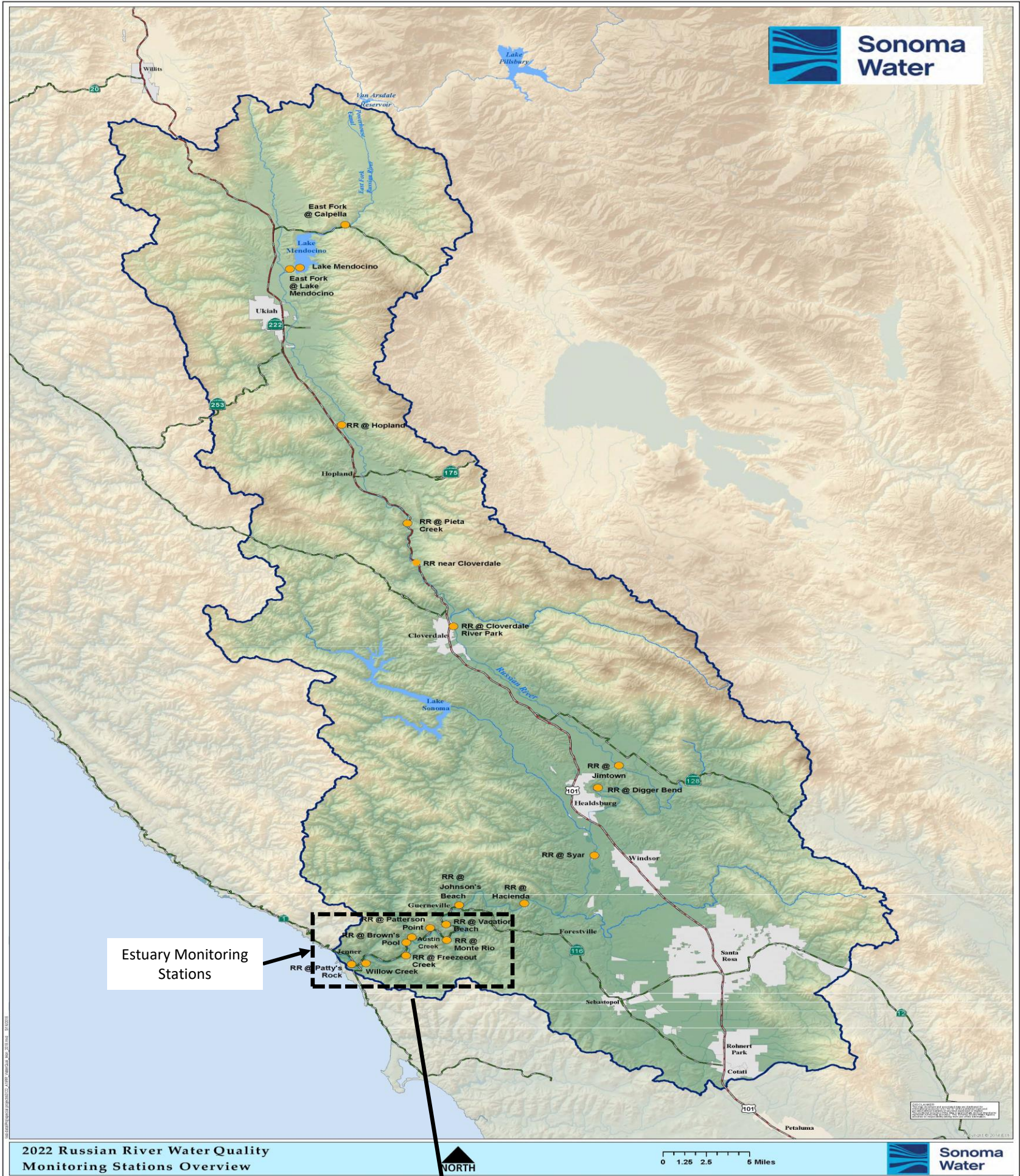
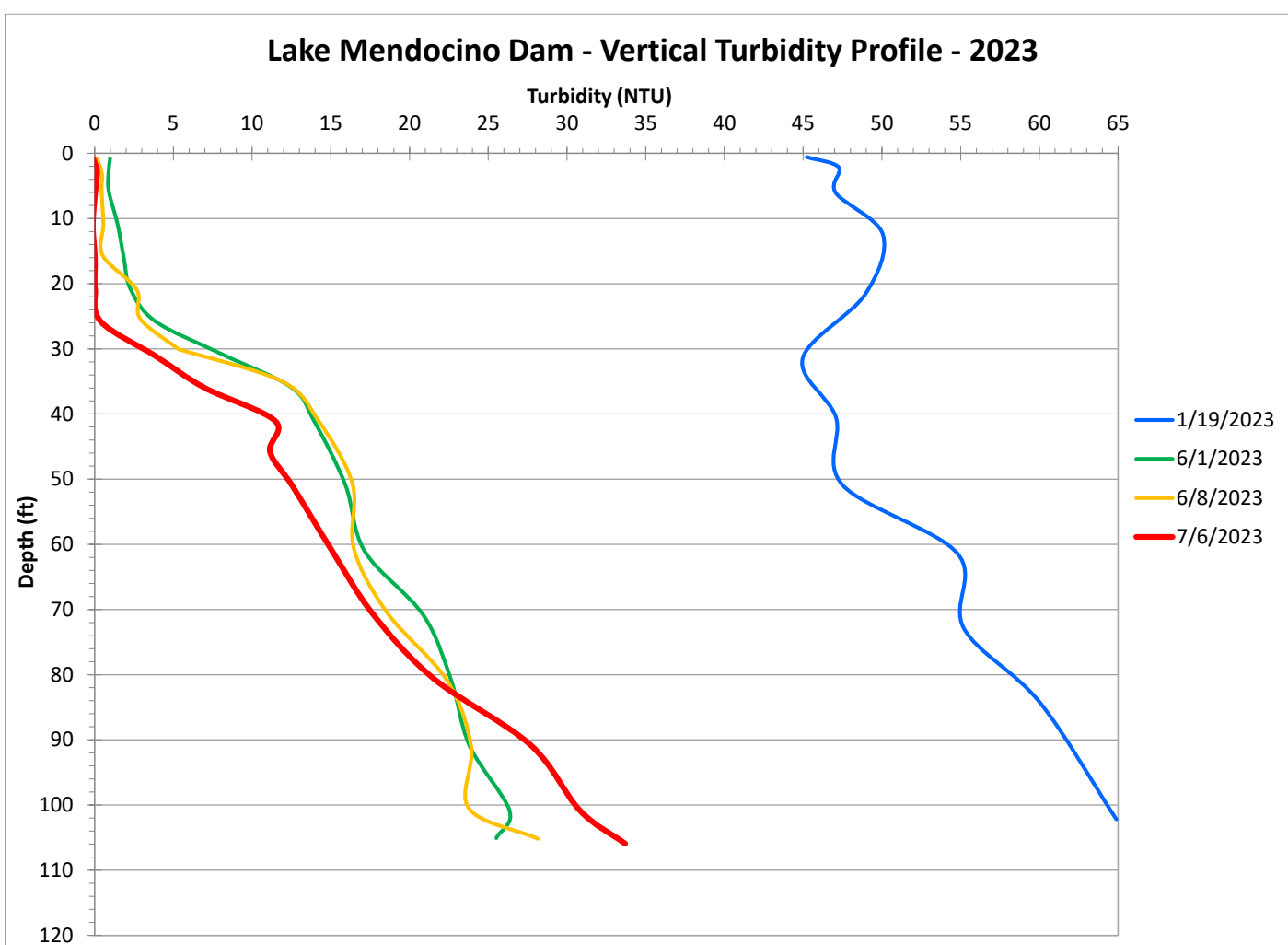
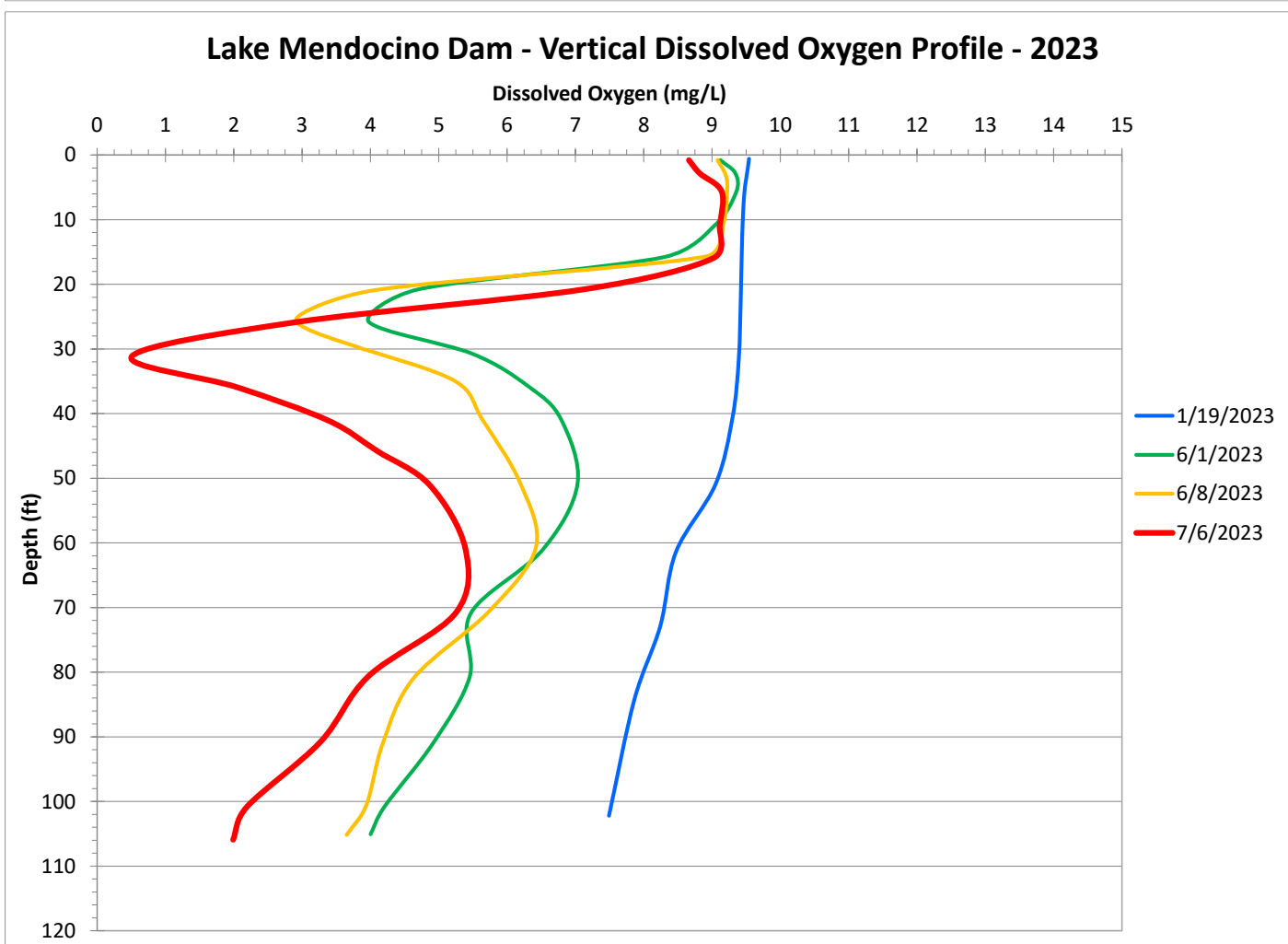
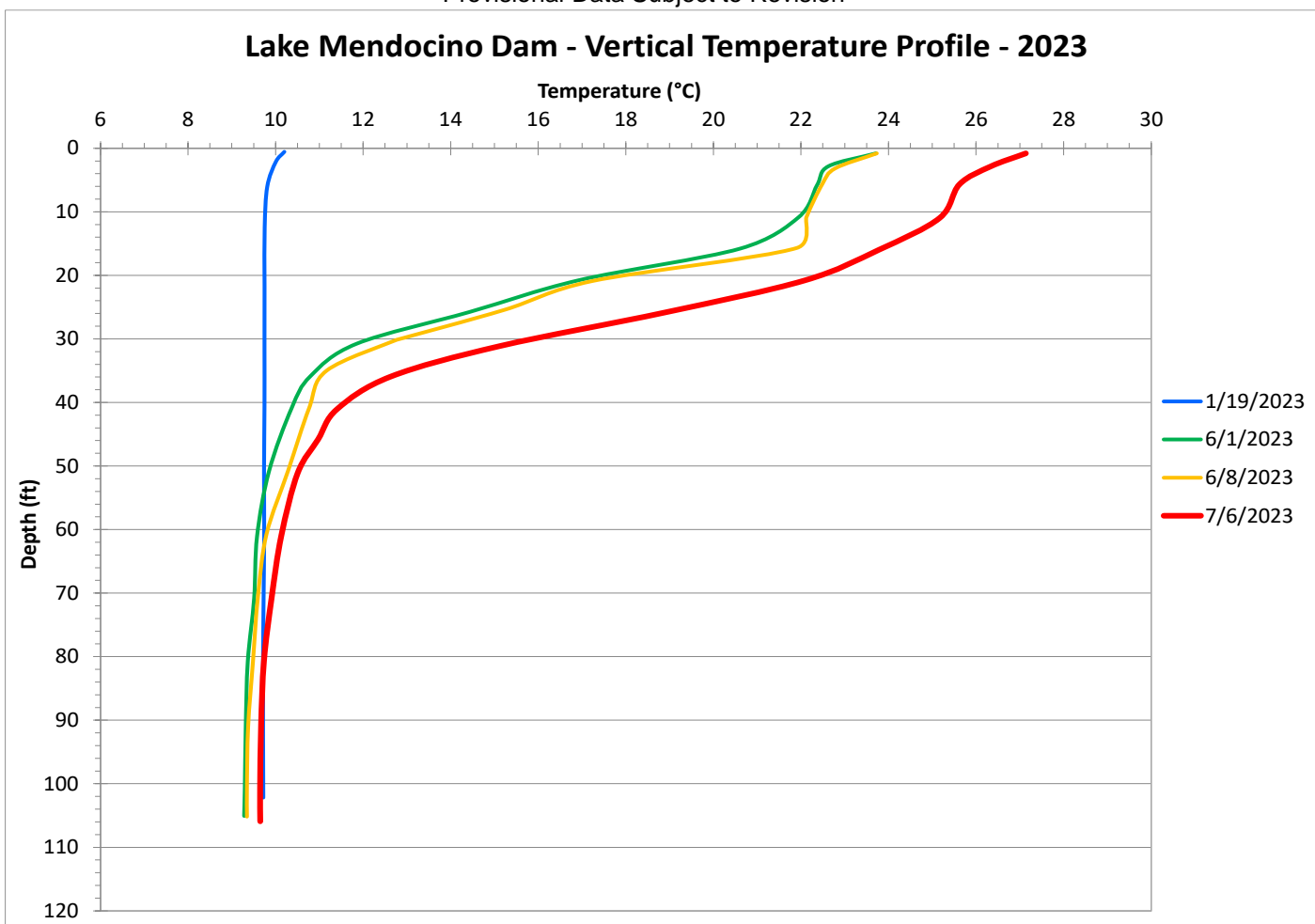


Figure 1

Lake Mendocino Water Quality Vertical Profiles (January 19 – July 6, 2023)

Provisional Data Subject to Revision

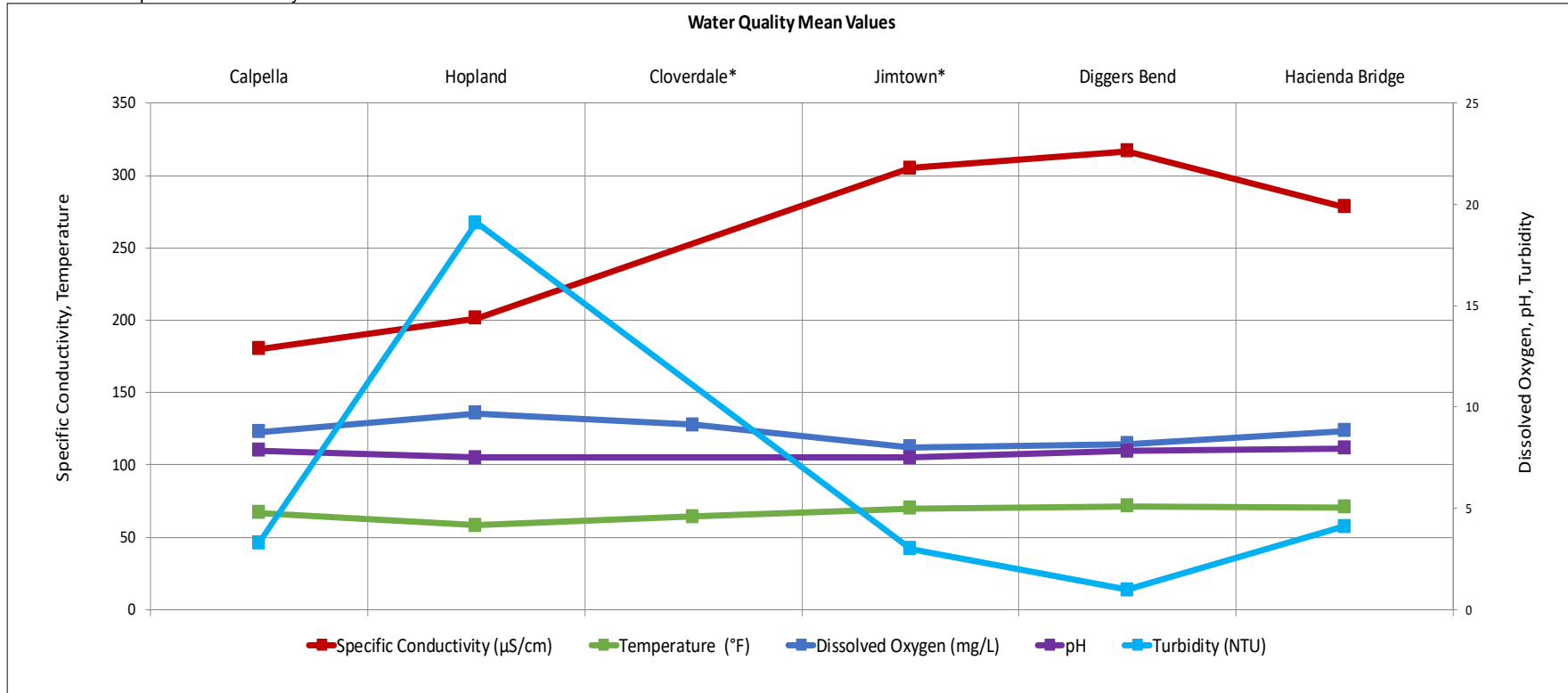


Russian River Water Quality Sondes (July 7 – July 13, 2023)

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	63.3	56.1	60.8	66.0	67.5		67.5	
	Max	70.2	61.2	69.1	74.8	76.5		74.8	
	Mean	67.0	58.1	64.4	69.8	71.4		70.7	
Specific Conductivity (µS/cm)	Min	176.0	195.0		302.0	314.0		275.0	
	Max	184.0	203.0		311.0	320.0		284.0	
	Mean	180.1	201.3		305.1	317.0		278.5	
Dissolved Oxygen (mg/L)	Min	8.3	9.1	8.2	6.6	7.2		7.7	
	Max	9.4	10.4	10.3	10.0	9.2		9.9	
	Mean	8.8	9.7	9.1	8.0	8.2		8.8	
Dissolved Oxygen (% Saturation)	Min	91.6	88.1	86.2	71.7	79.0		85.3	
	Max	102.9	105.1	113.1	116.3	108.6		115.9	
	Mean	95.3	95.2	96.5	90.0	93.3		100.0	
pH	Min	7.7	7.4		7.3	7.7		7.8	
	Max	8.0	7.7		7.7	8.0		8.2	
	Mean	7.9	7.5		7.5	7.8		8.0	
Turbidity (NTU)	Min	2.0	17.3		1.8	0.6		2.8	
	Max	5.5	21.6		3.9	1.7		6.0	
	Mean	3.3	19.1		3.0	1.0		4.1	

*Station operated seasonally

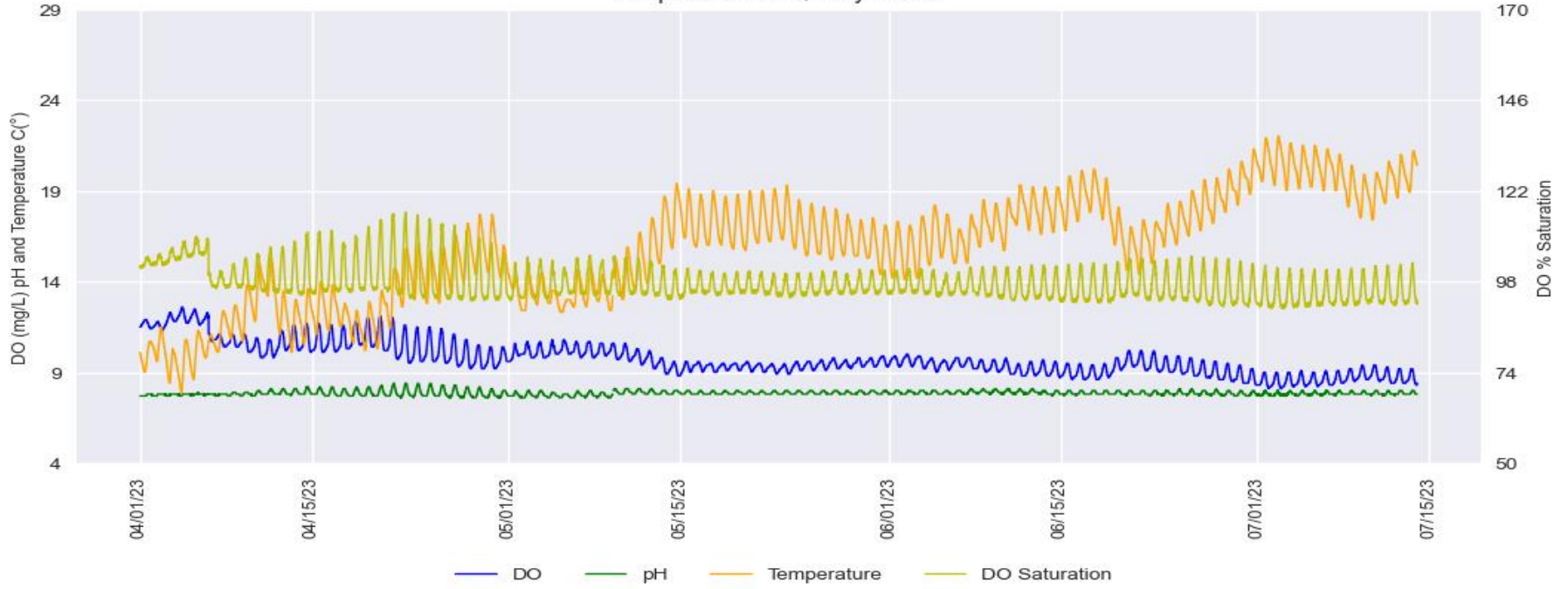


Russian River Water Quality April 1 – July 13, 2023

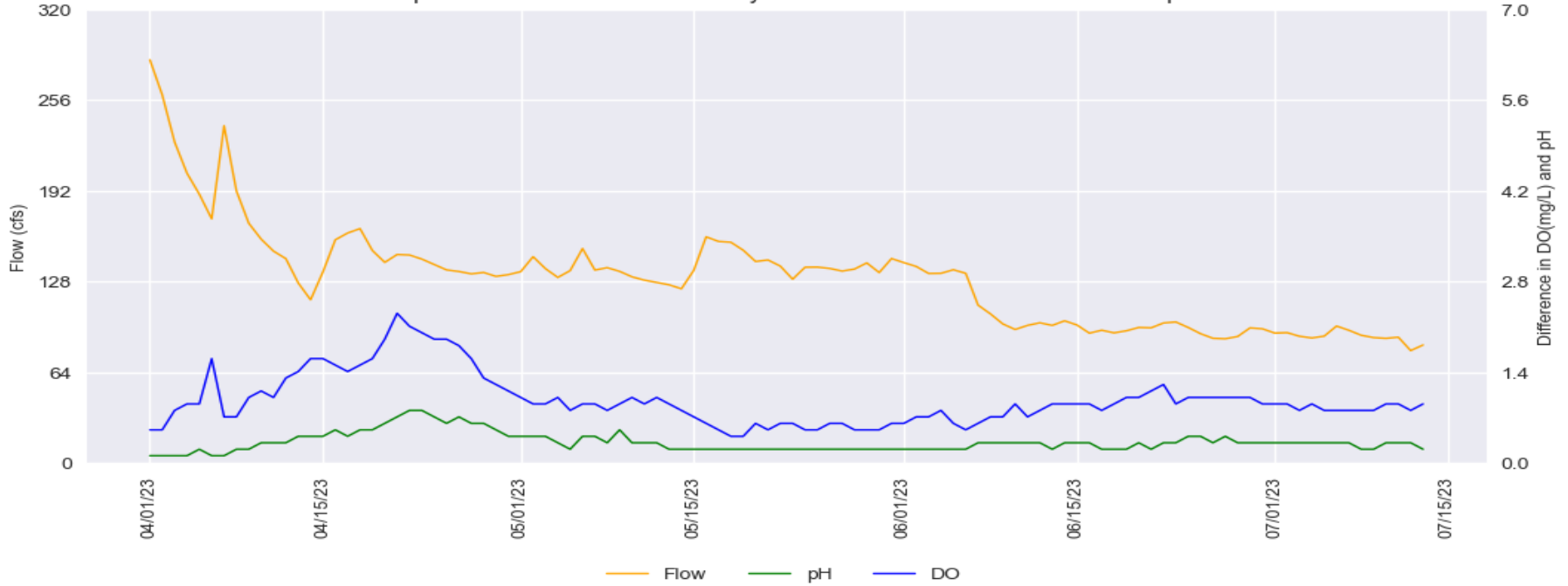
Provisional Data Subject to Revision

Calpella (East Fork Russian River)

Calpella Water Quality Trend



Calpella - Difference between Daily Maximum and Minimum for DO and pH

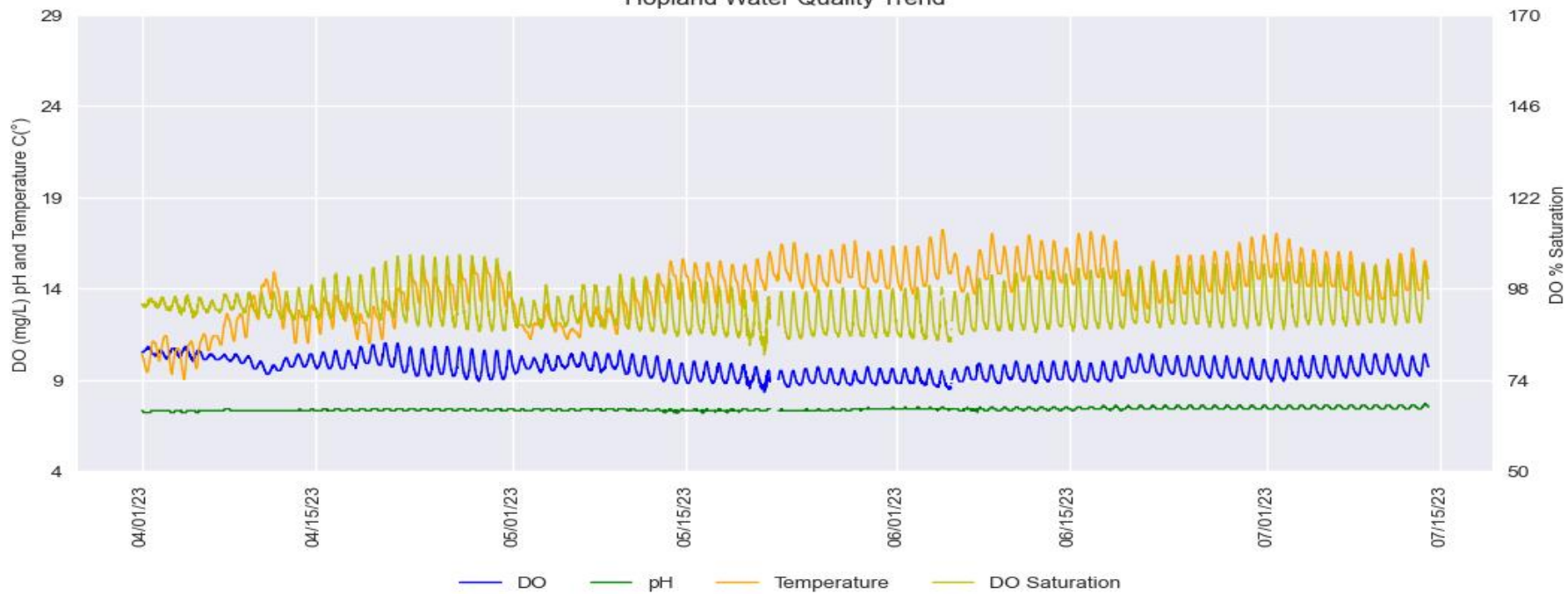


Russian River Water Quality April 1 – July 13, 2023

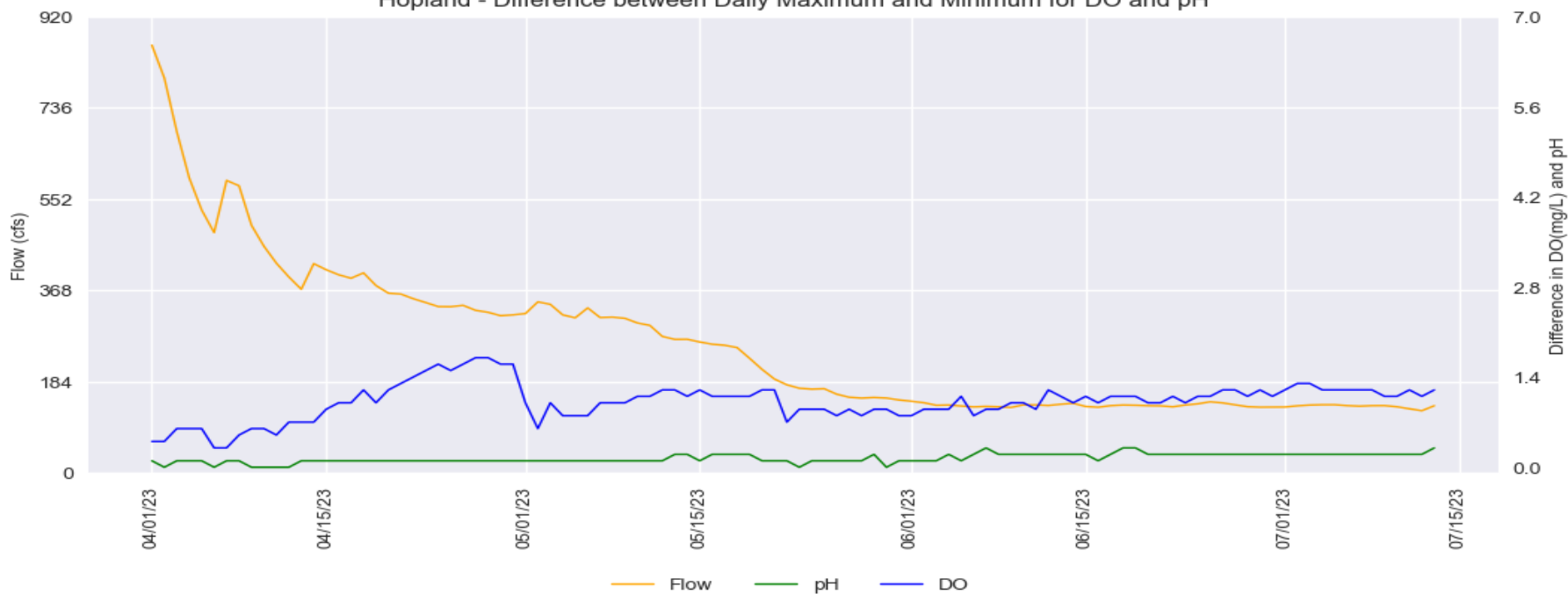
Provisional Data Subject to Revision

Hopland

Hopland Water Quality Trend

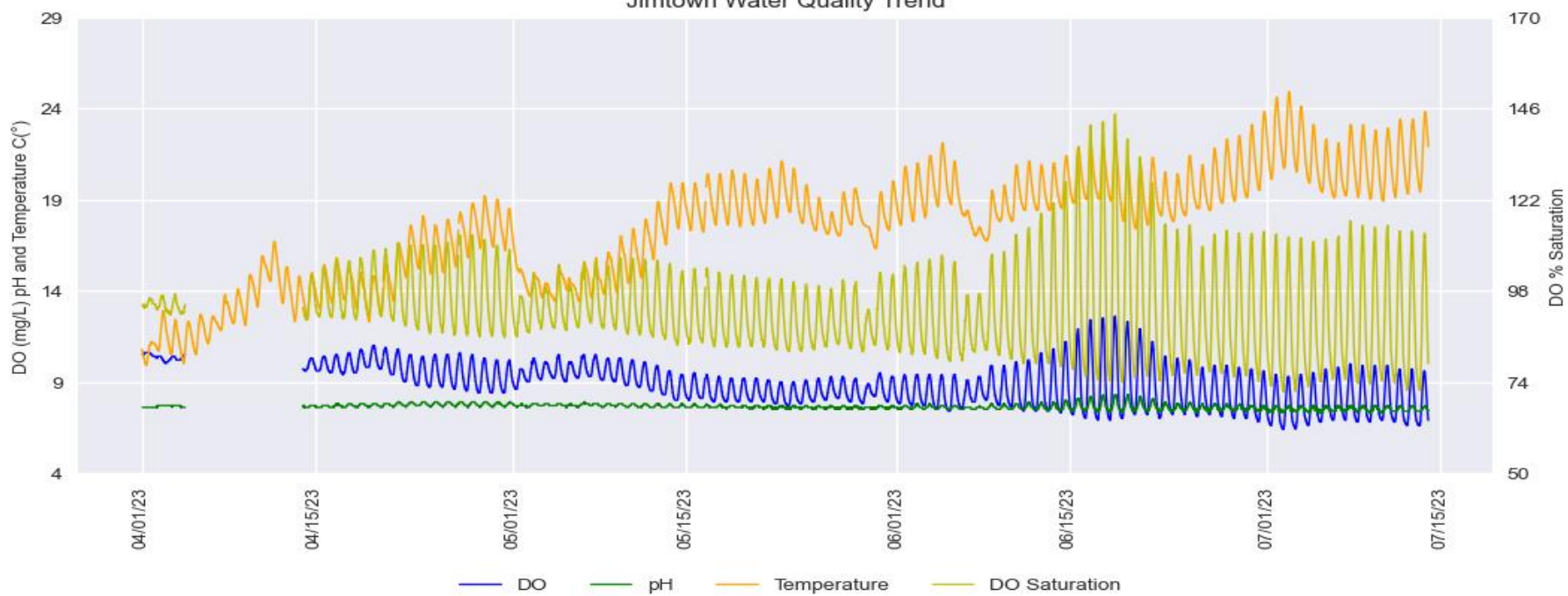


Hopland - Difference between Daily Maximum and Minimum for DO and pH

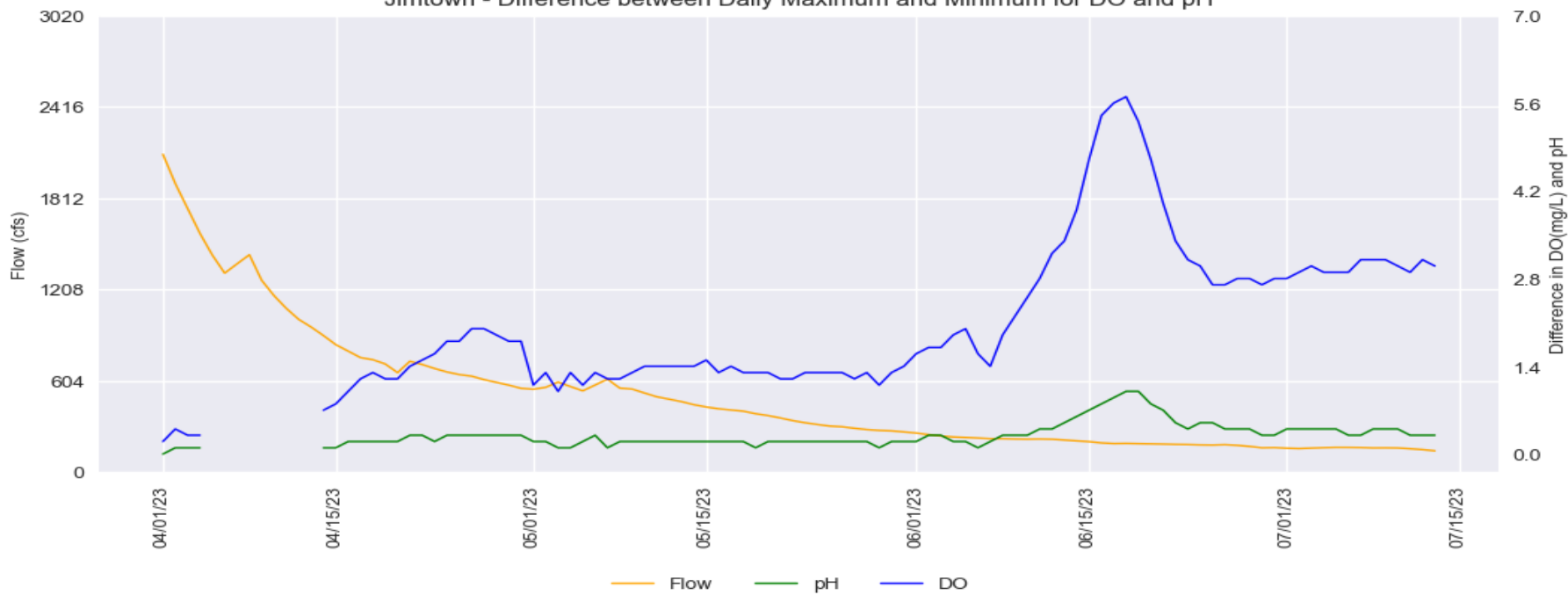


Jimtown

Jimtown Water Quality Trend



Jimtown - Difference between Daily Maximum and Minimum for DO and pH

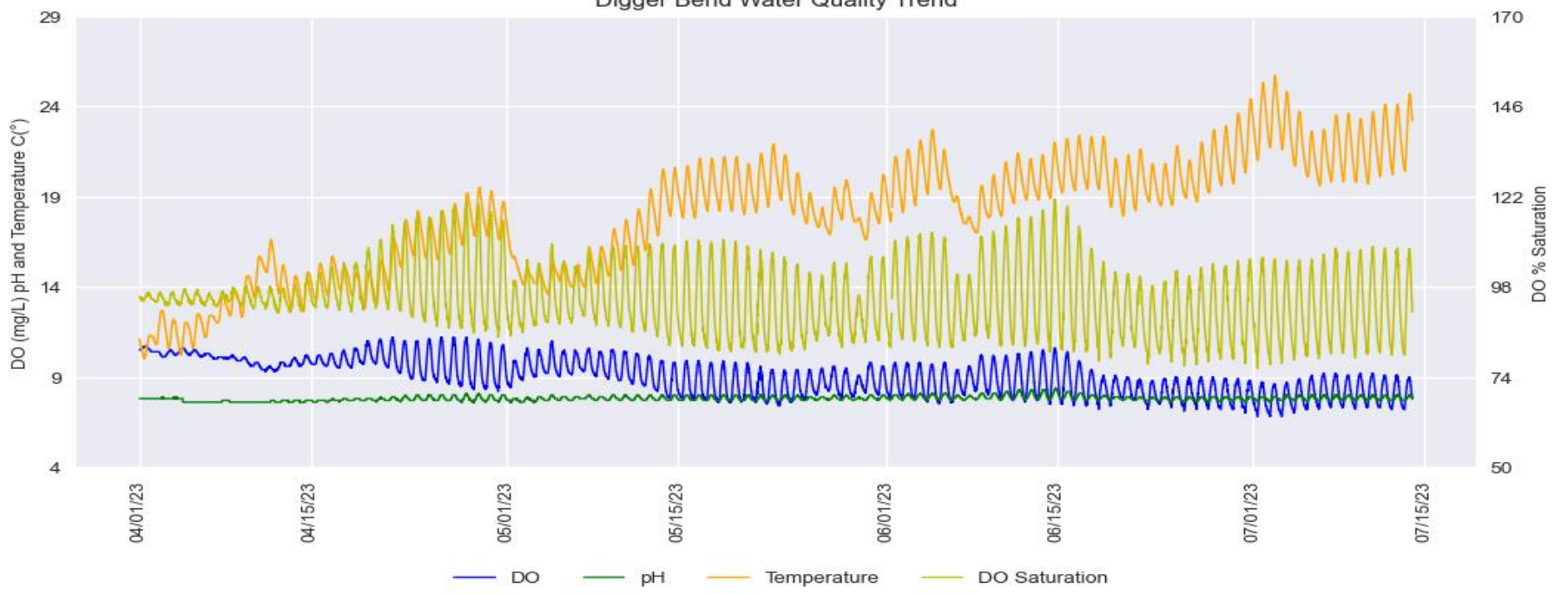


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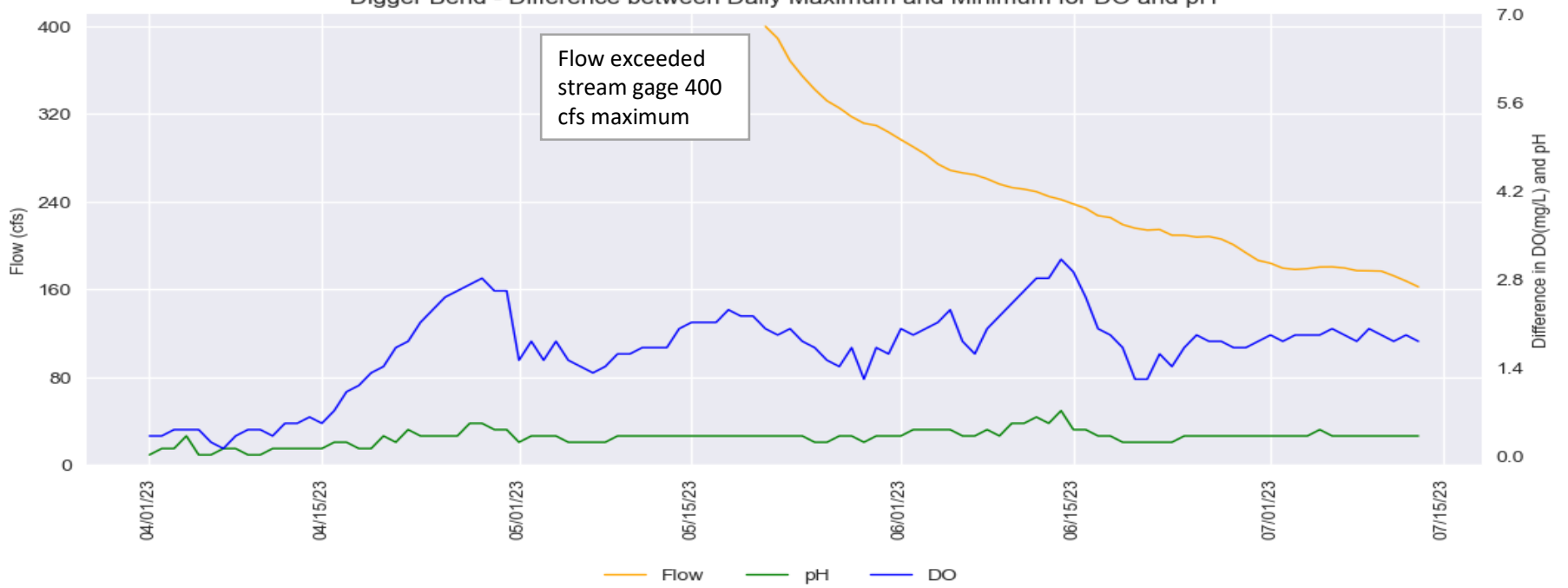
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Diggers Bend

Digger Bend Water Quality Trend

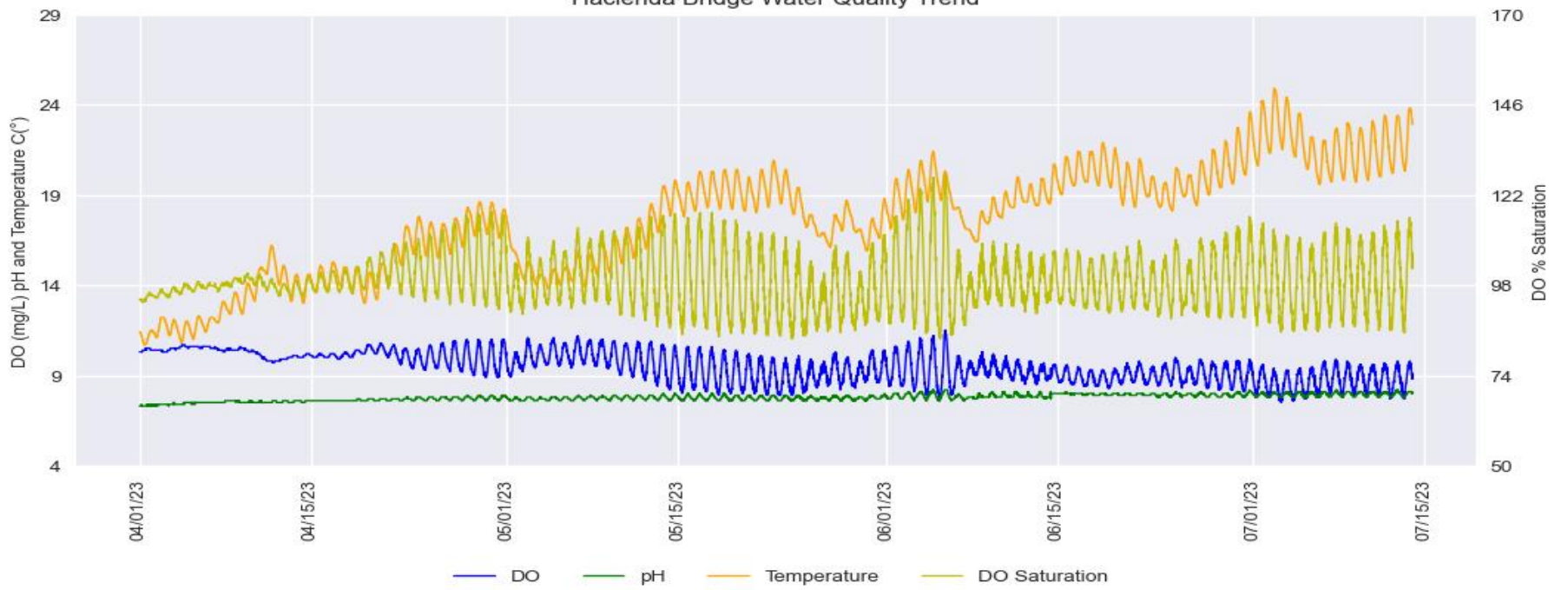


Digger Bend - Difference between Daily Maximum and Minimum for DO and pH



Hacienda Bridge

Hacienda Bridge Water Quality Trend



Hacienda Bridge - Difference between Daily Maximum and Minimum for DO and pH

