



Sonoma Water

# State Water Resources Control Board Temporary Urgency Change Order (5/19/2023) Russian River Water Quality Report August 4 – August 10, 2023

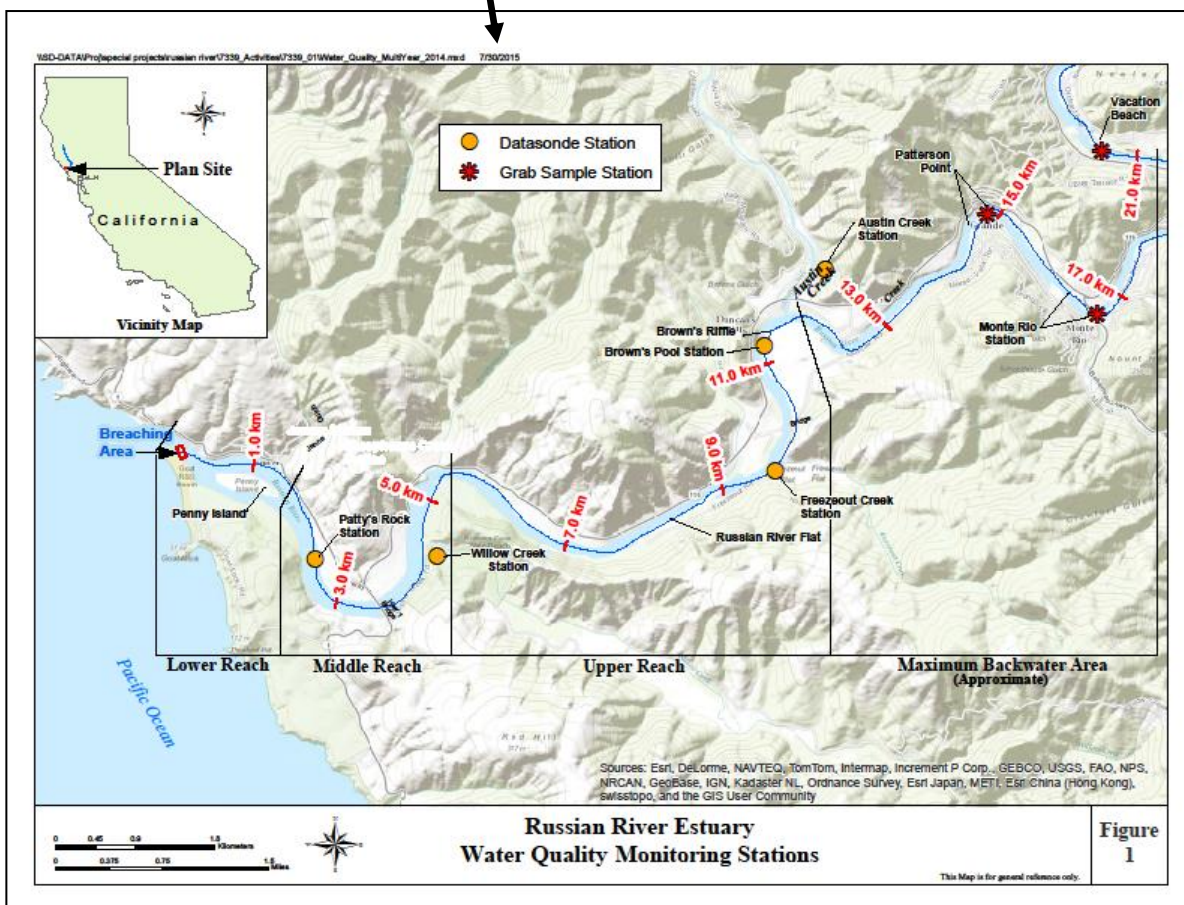
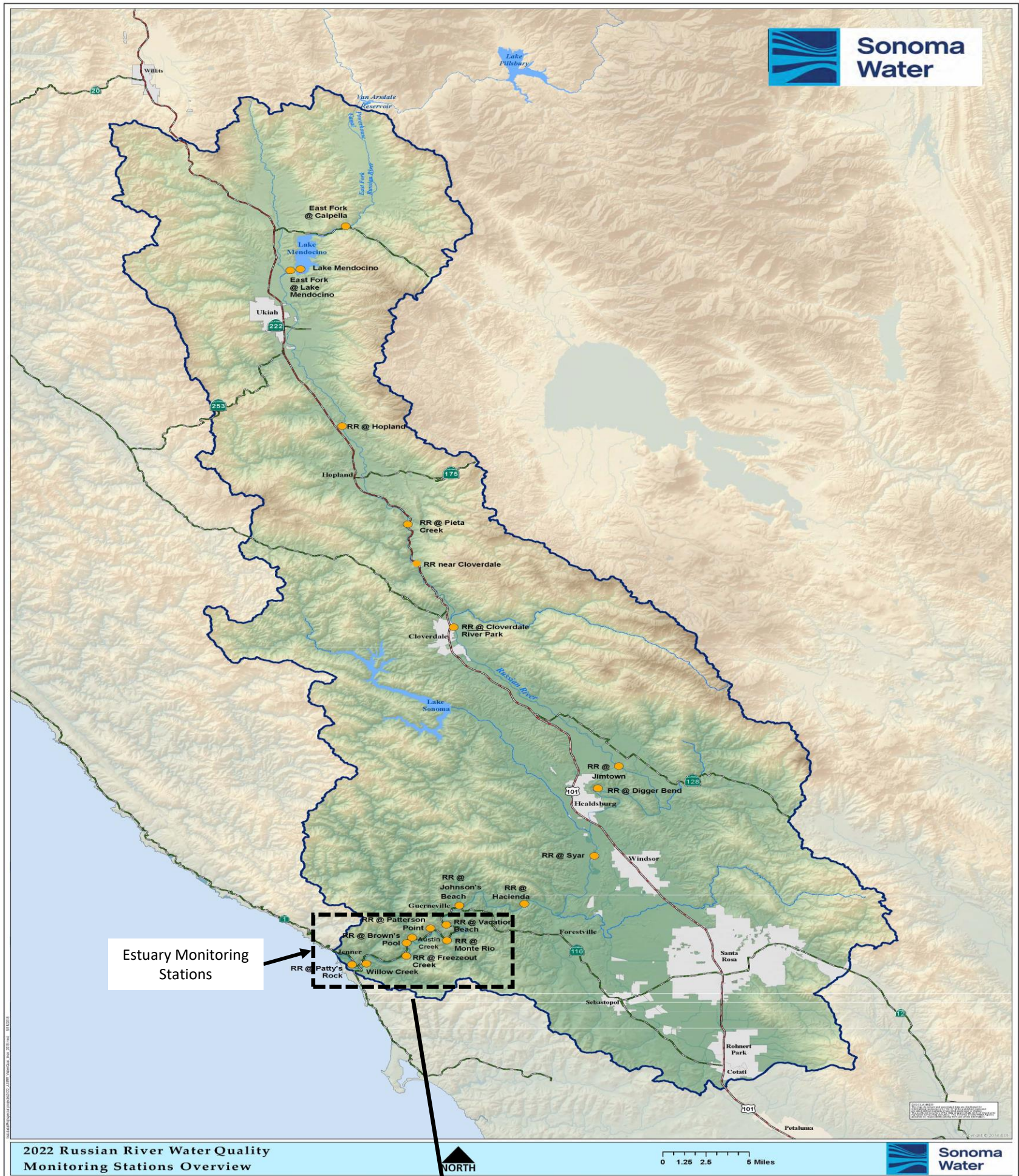
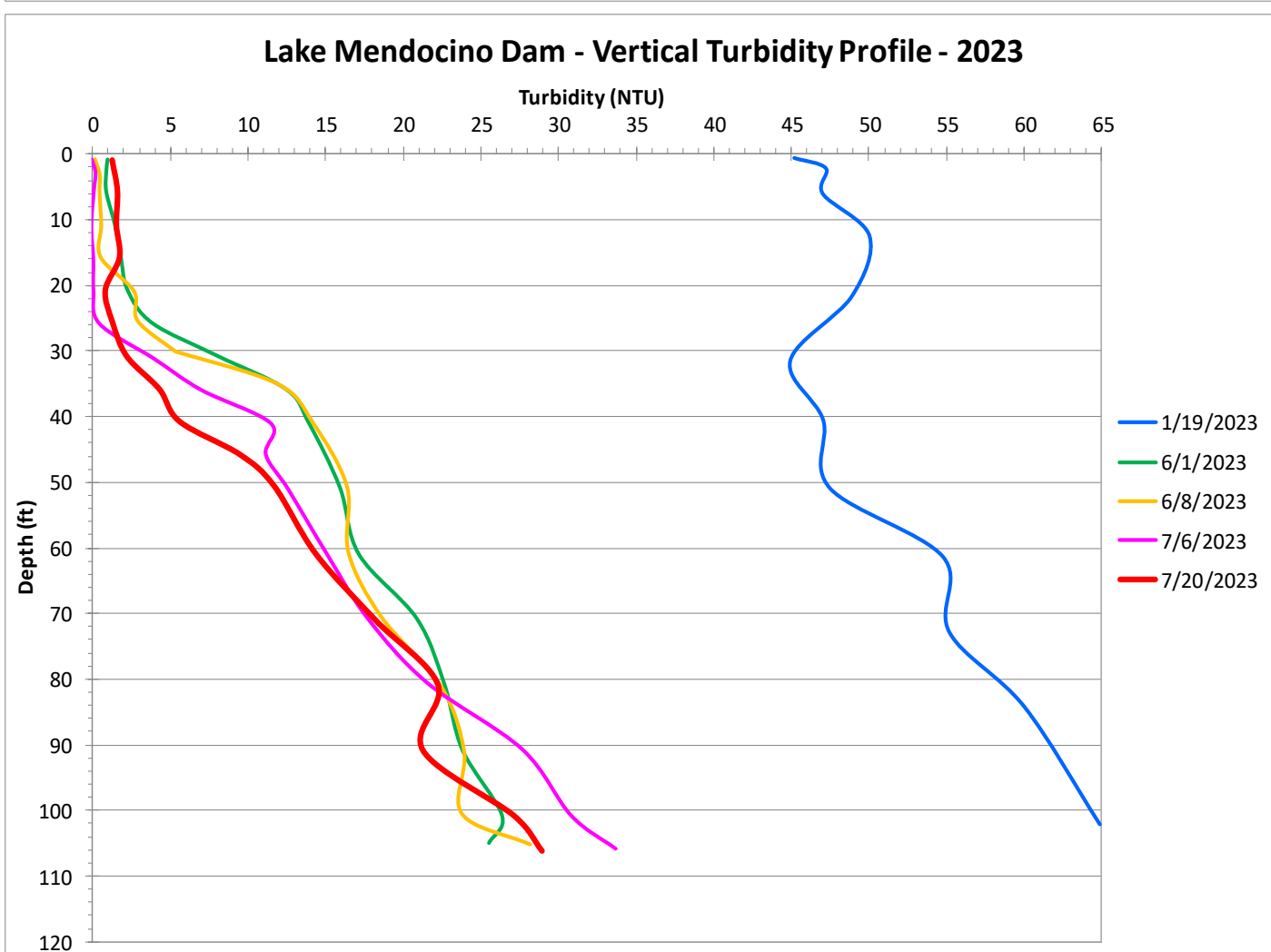
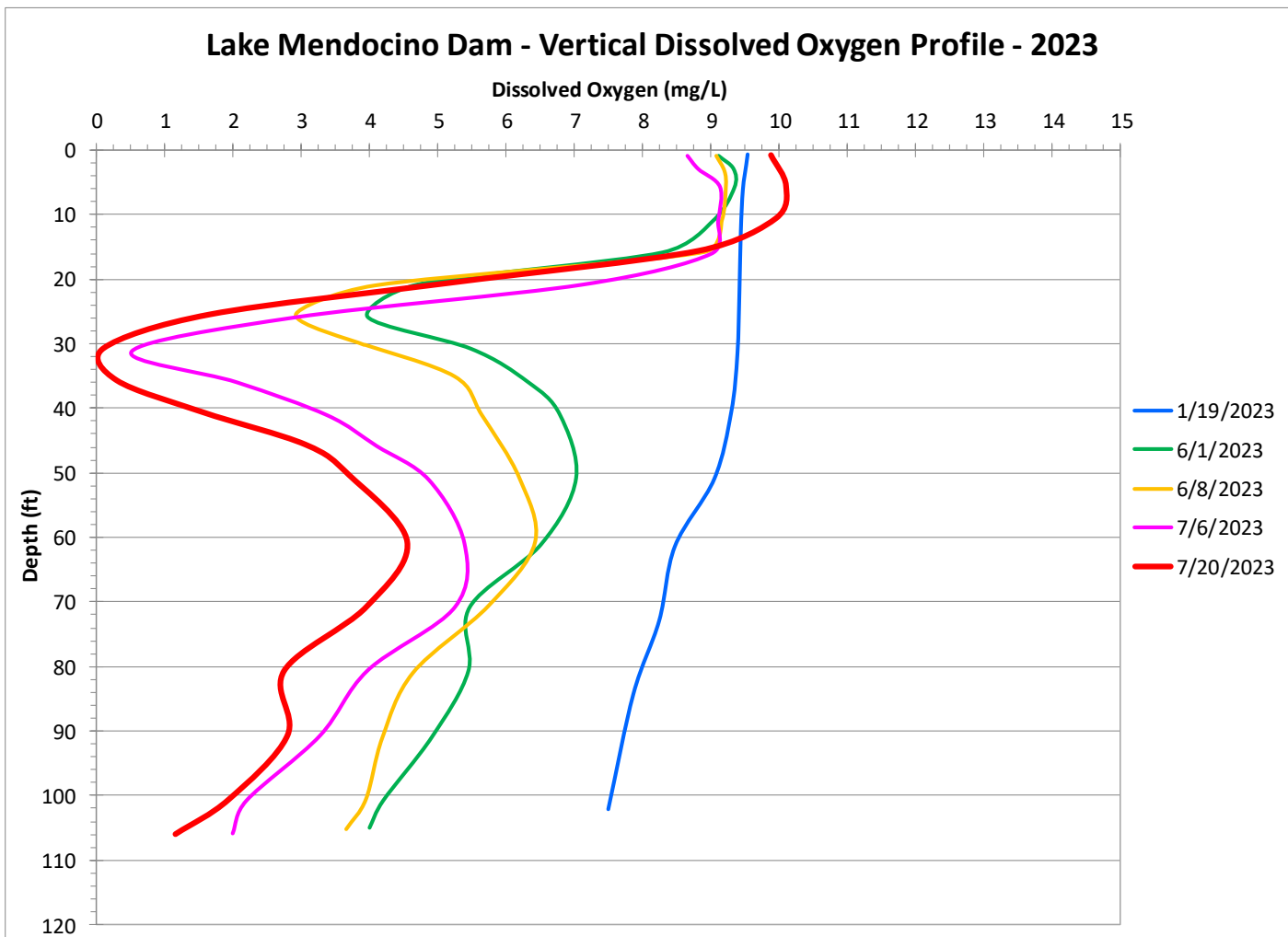
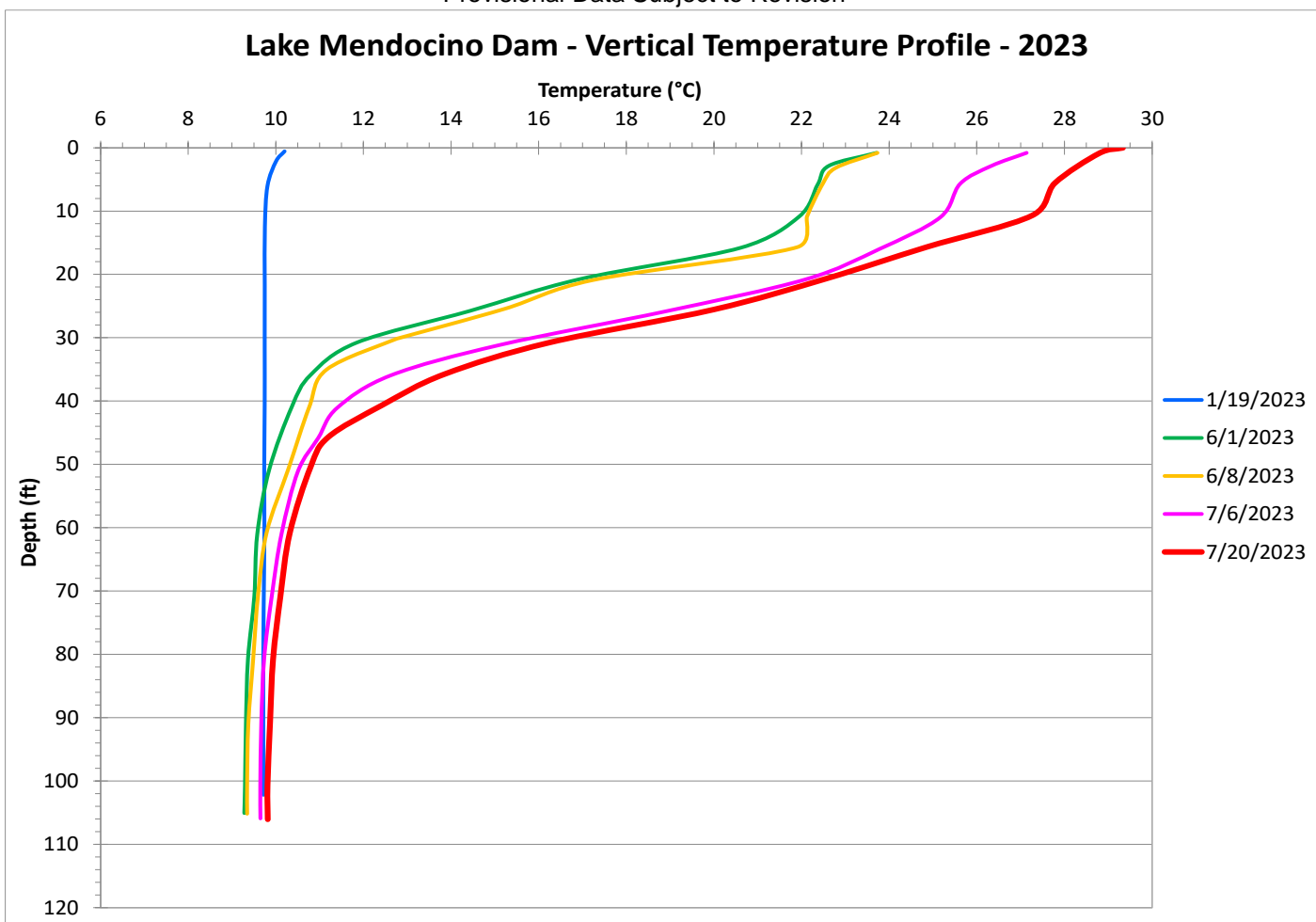


Figure 1

# Lake Mendocino Water Quality Vertical Profiles (January 19 – July 20, 2023)

Provisional Data Subject to Revision

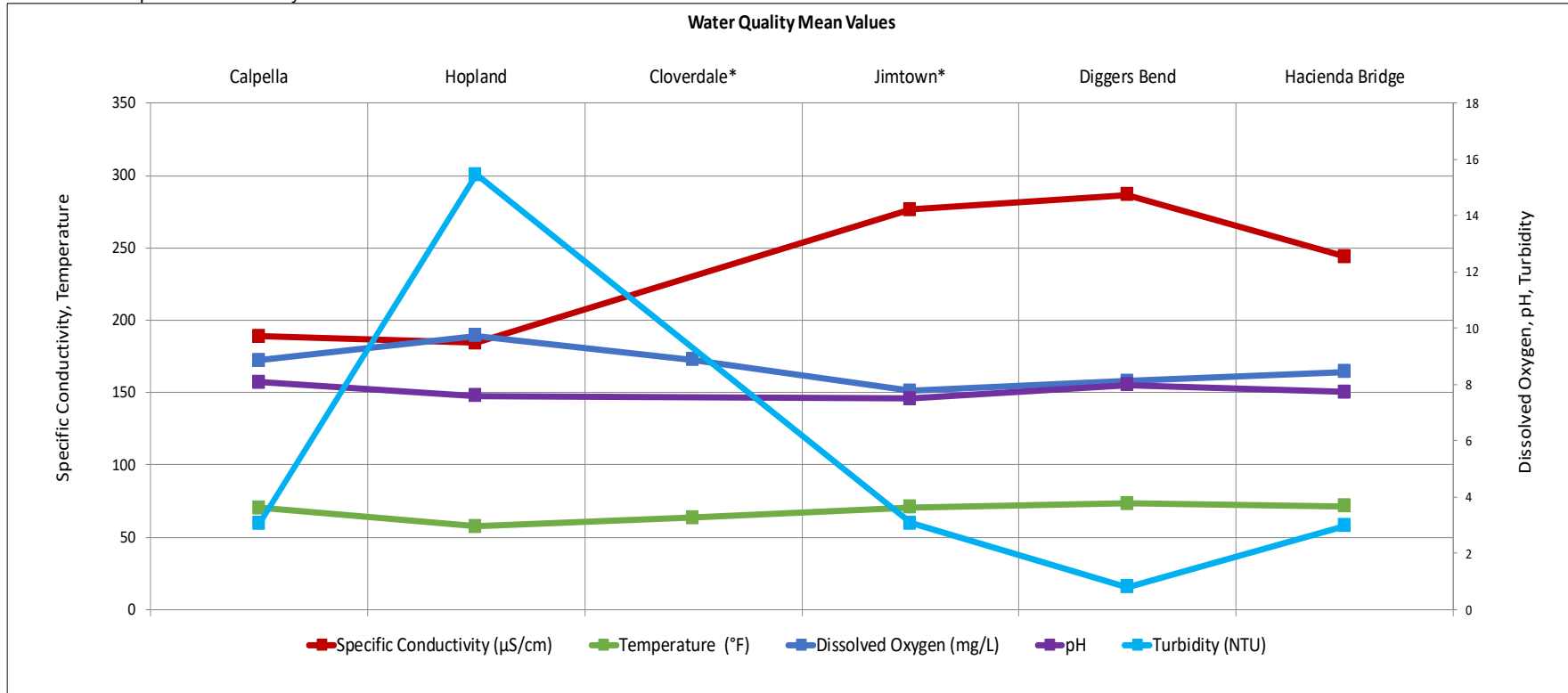


## Russian River Water Quality Sondes (August 4 – August 10, 2023)

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	66.9	55.4	60.8	66.7	68.7		67.6	
	Max	72.9	59.4	67.1	75.9	78.6		75.9	
	Mean	70.3	57.4	63.6	70.7	73.3		71.6	
Specific Conductivity (µS/cm)	Min	185.0	183.0		274.0	284.0		242.0	
	Max	194.0	185.0		278.0	289.0		247.0	
	Mean	189.0	184.4		276.5	286.8		244.0	
Dissolved Oxygen (mg/L)	Min	8.4	9.2	7.7	6.5	7.3		7.0	
	Max	9.6	10.5	10.6	9.7	8.8		9.6	
	Mean	8.9	9.7	8.9	7.8	8.1		8.5	
Dissolved Oxygen (% Saturation)	Min	95.3	88.2	79.5	72.0	81.7		78.2	
	Max	108.9	103.7	113.4	113.2	105.3		111.7	
	Mean	99.9	94.7	92.9	88.2	94.7		96.8	
pH	Min	8.0	7.5		7.3	7.8		7.5	
	Max	8.3	7.8		7.7	8.2		8.0	
	Mean	8.1	7.6		7.5	8.0		7.7	
Turbidity (NTU)	Min	1.7	14.0		2.4	0.0		2.1	
	Max	4.9	17.2		7.0	1.4		4.2	
	Mean	3.1	15.5		3.1	0.8		3.0	

\*Station operated seasonally

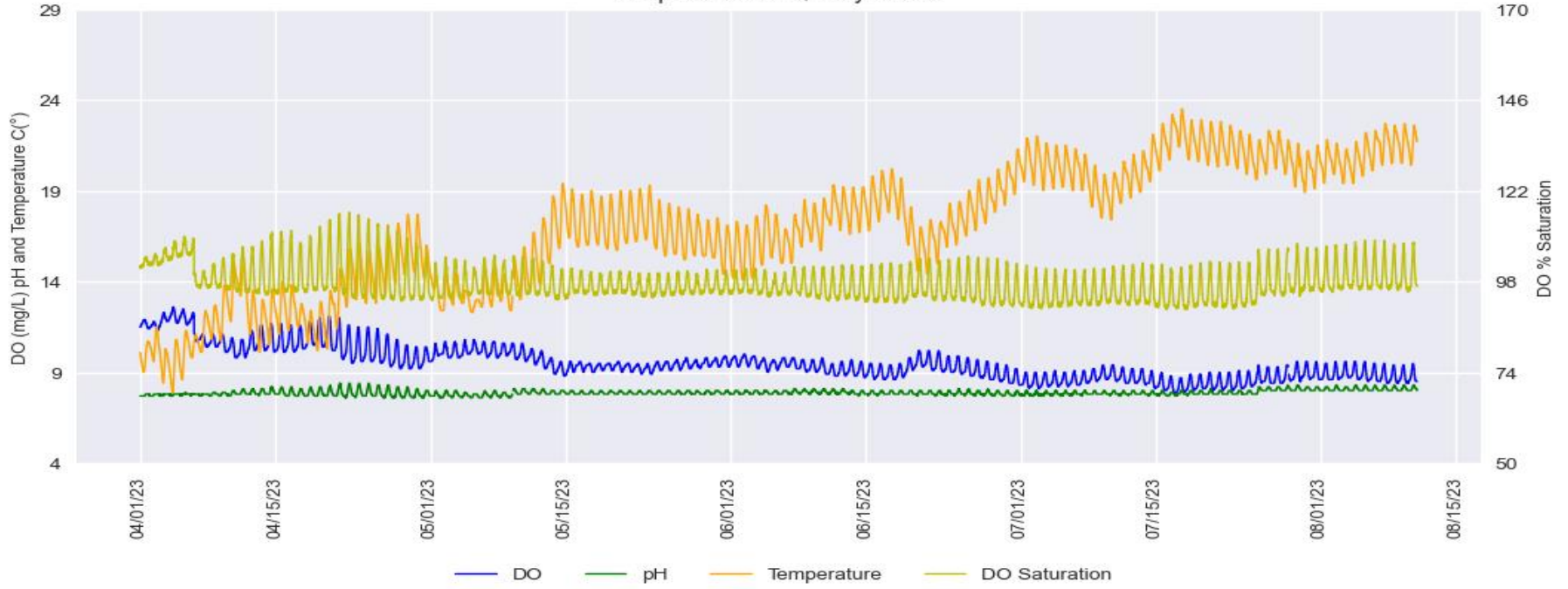


## Russian River Water Quality April 1 – August 10, 2023

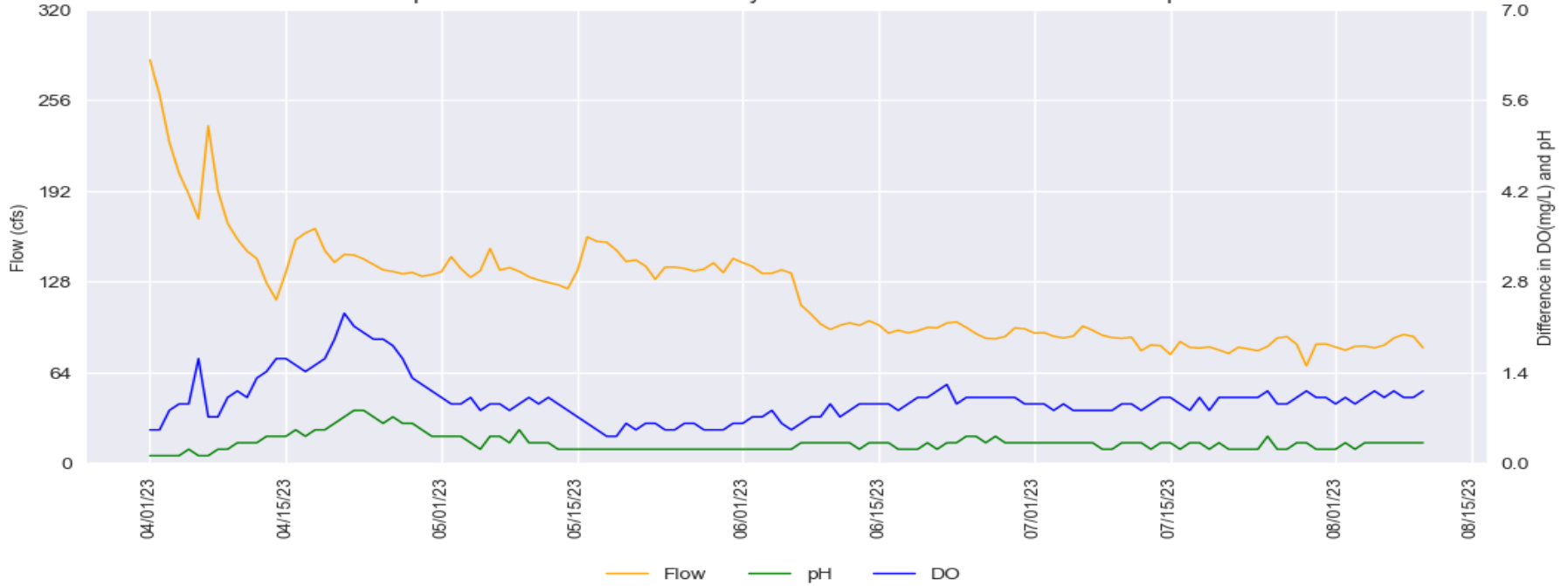
Provisional Data Subject to Revision

### Calpella (East Fork Russian River)

#### Calpella Water Quality Trend



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

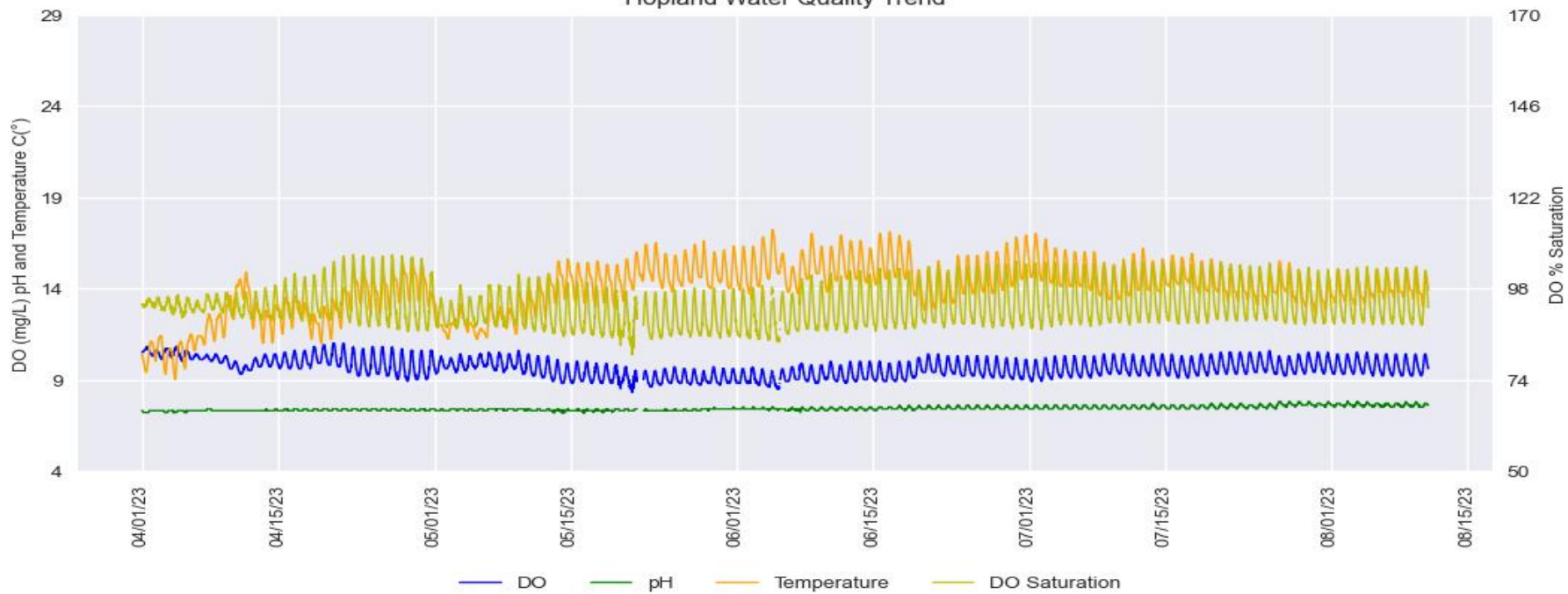


# Russian River Water Quality April 1 – August 10, 2023

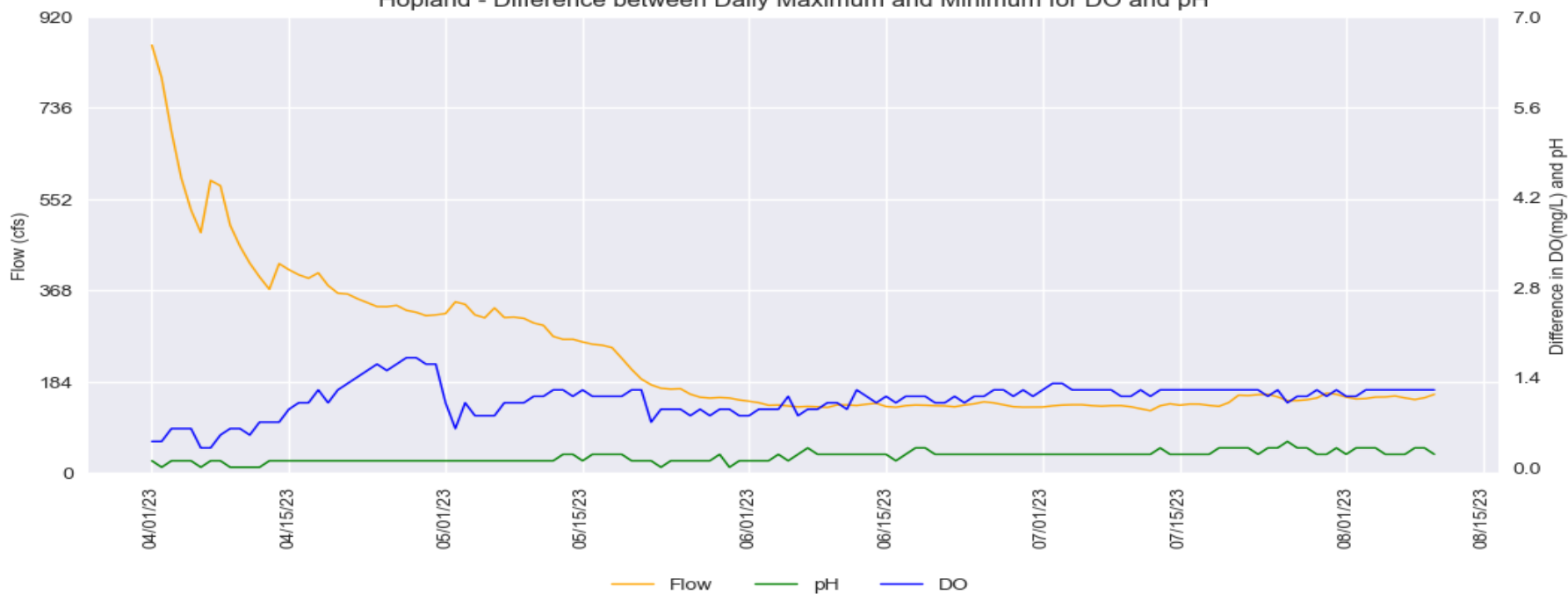
Provisional Data Subject to Revision

## Hopland

### Hopland Water Quality Trend

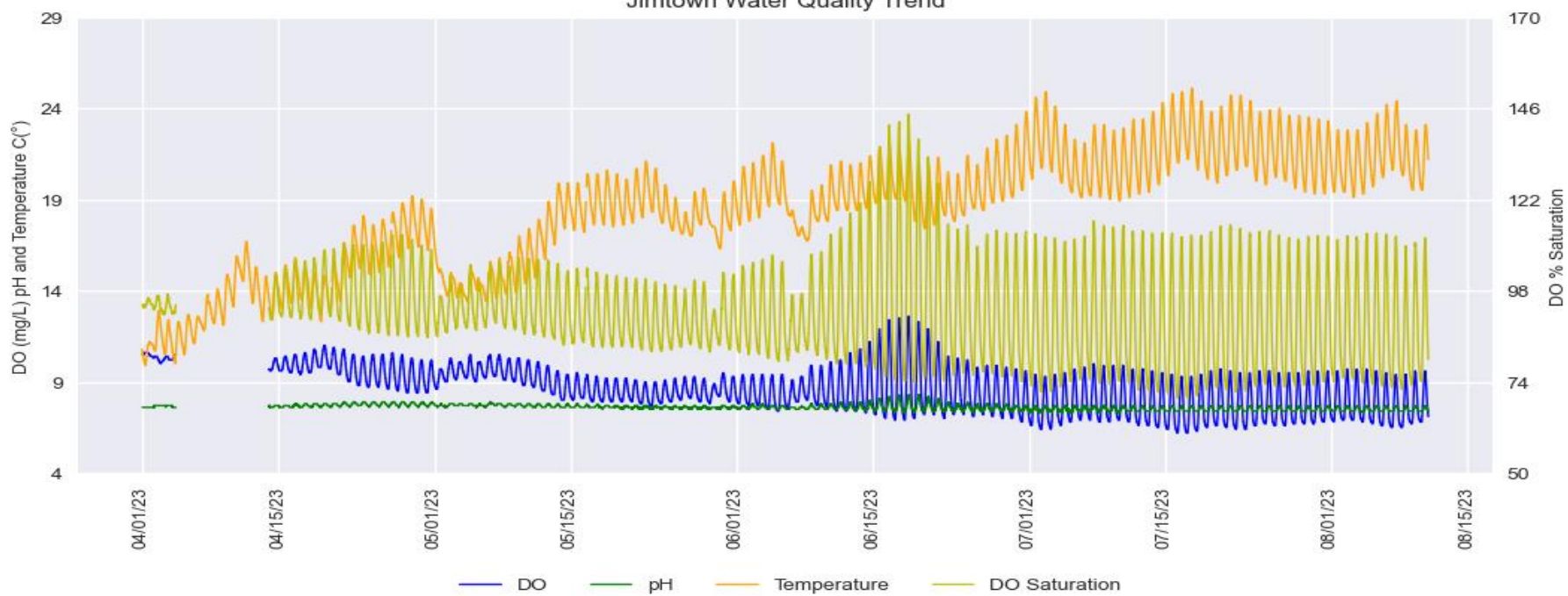


### Hopland - Difference between Daily Maximum and Minimum for DO and pH

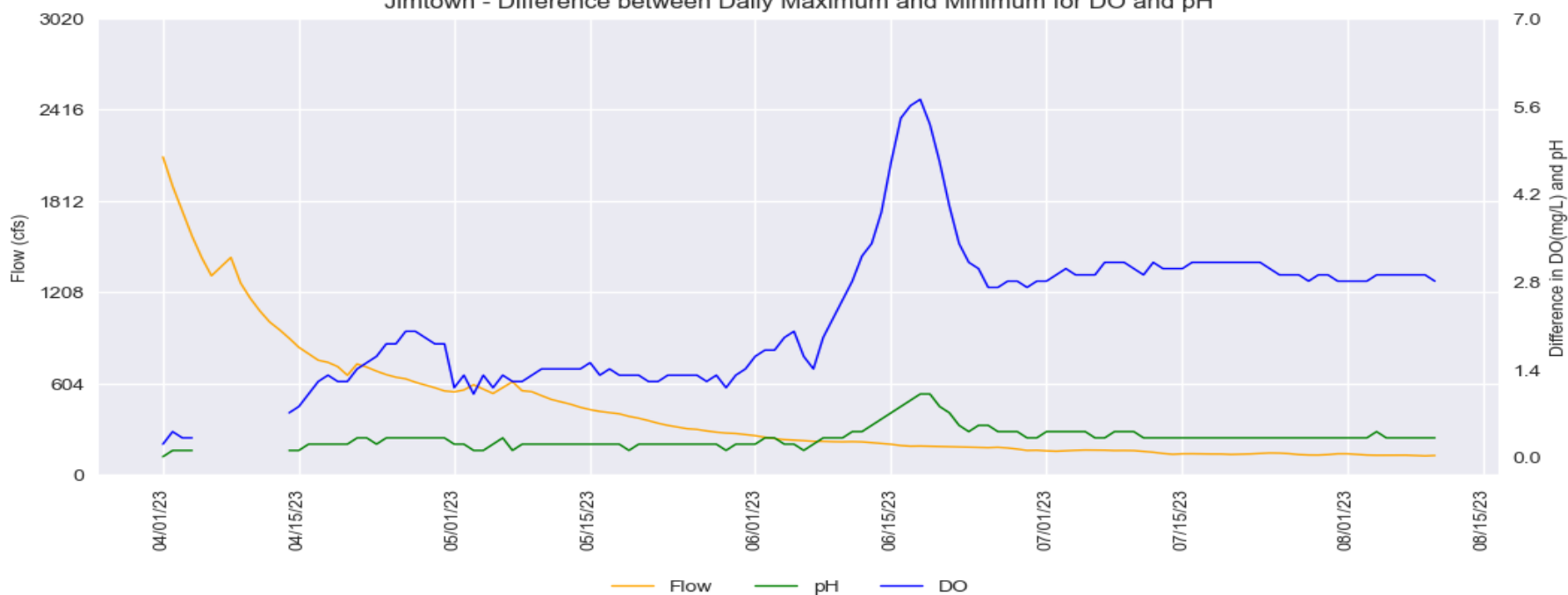


## Jimtown

### Jimtown Water Quality Trend



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

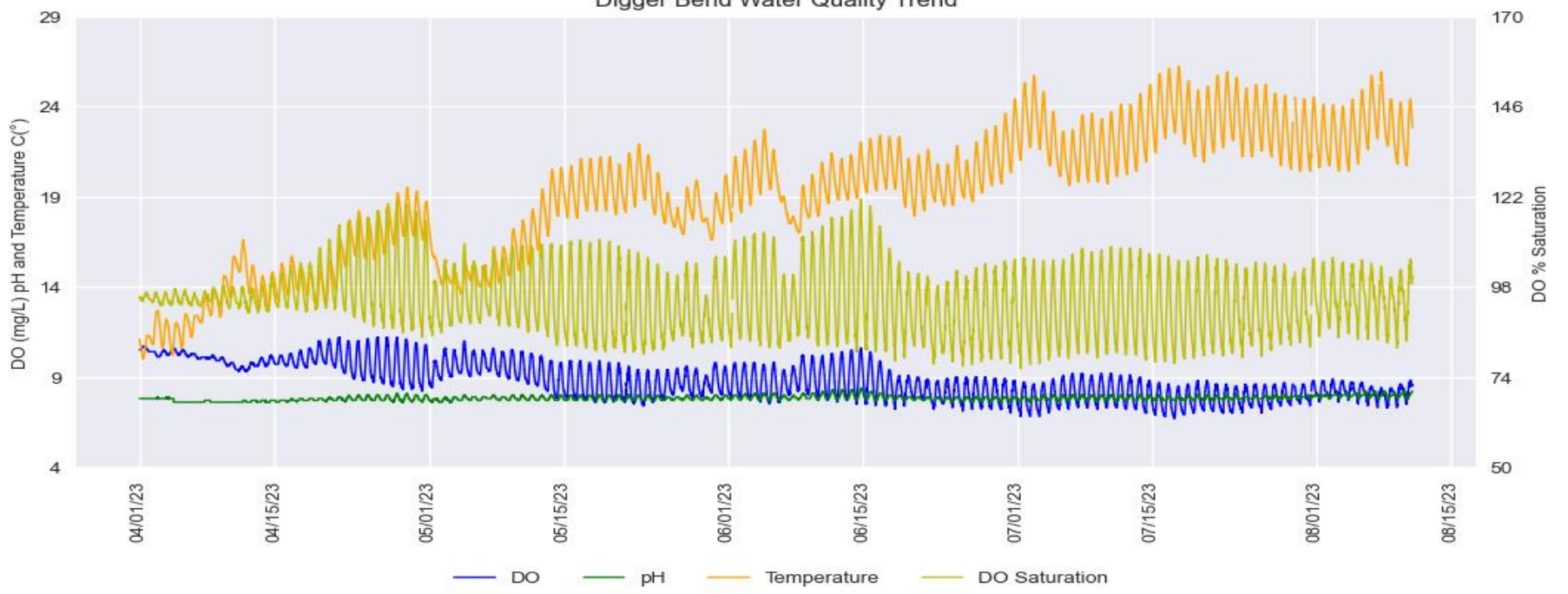


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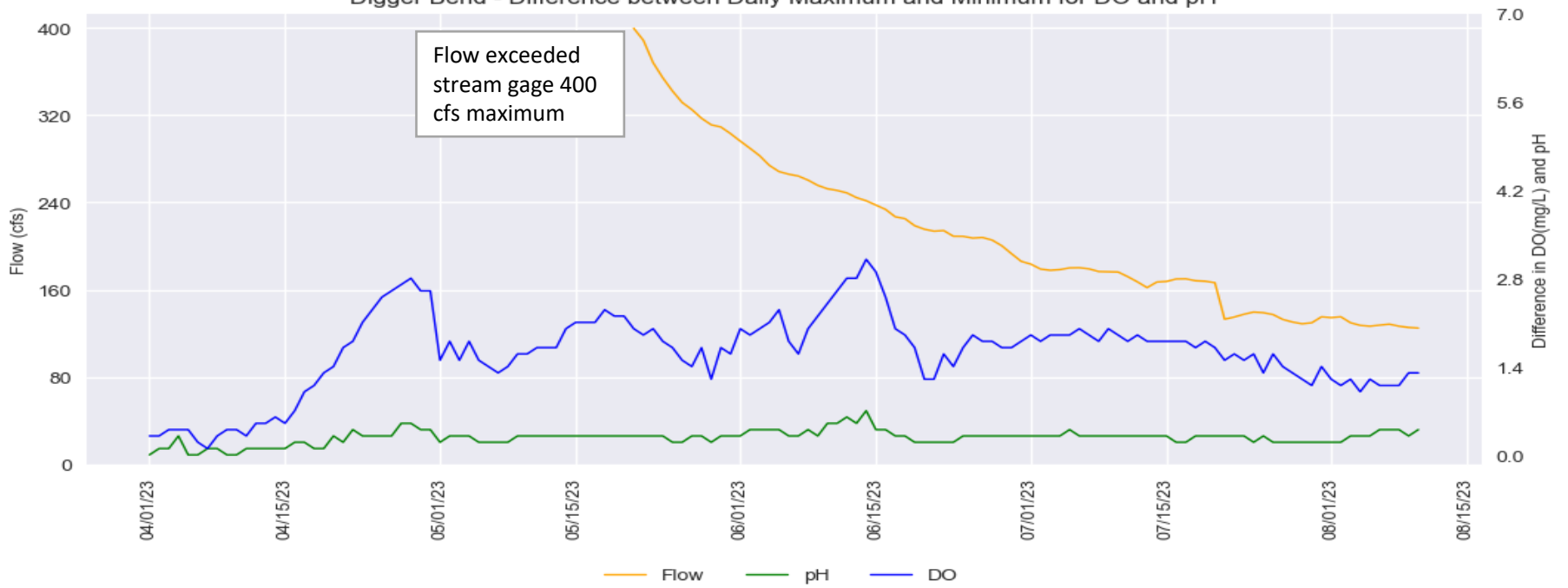
Provisional Data Subject to Revision

#### Diggers Bend

##### Digger Bend Water Quality Trend

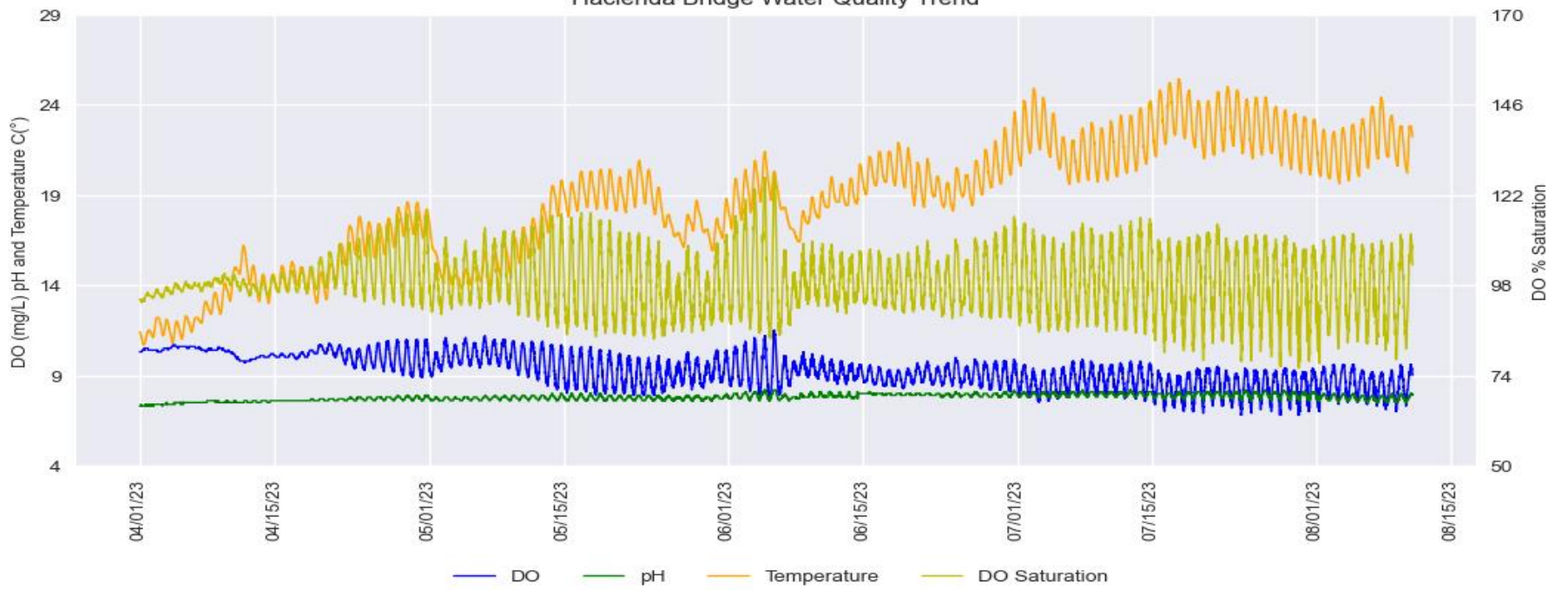


##### Digger Bend - Difference between Daily Maximum and Minimum for DO and pH



#### Hacienda Bridge

##### Hacienda Bridge Water Quality Trend



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

