



Sonoma Water

# State Water Resources Control Board Temporary Urgency Change Order (5/19/2023) Russian River Water Quality Report September 1 – September 7, 2023

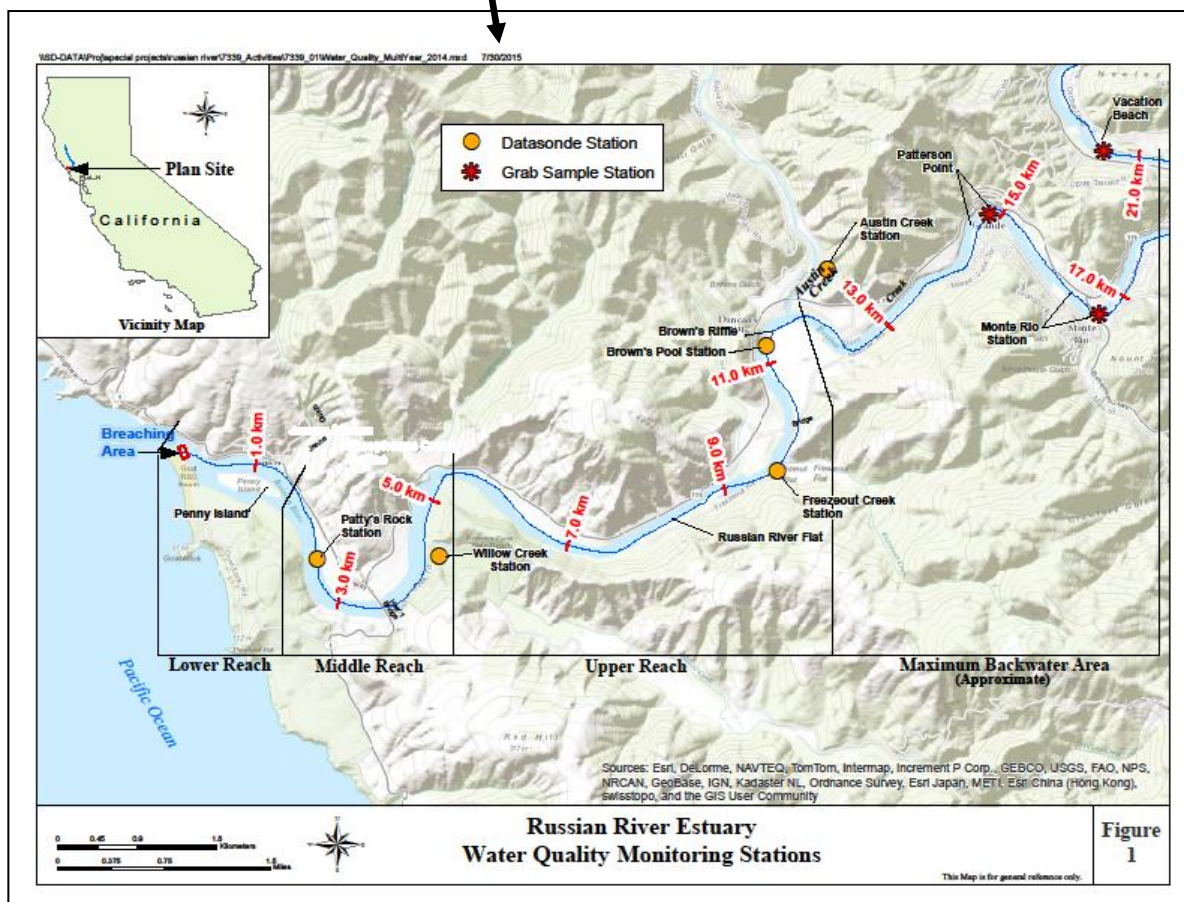
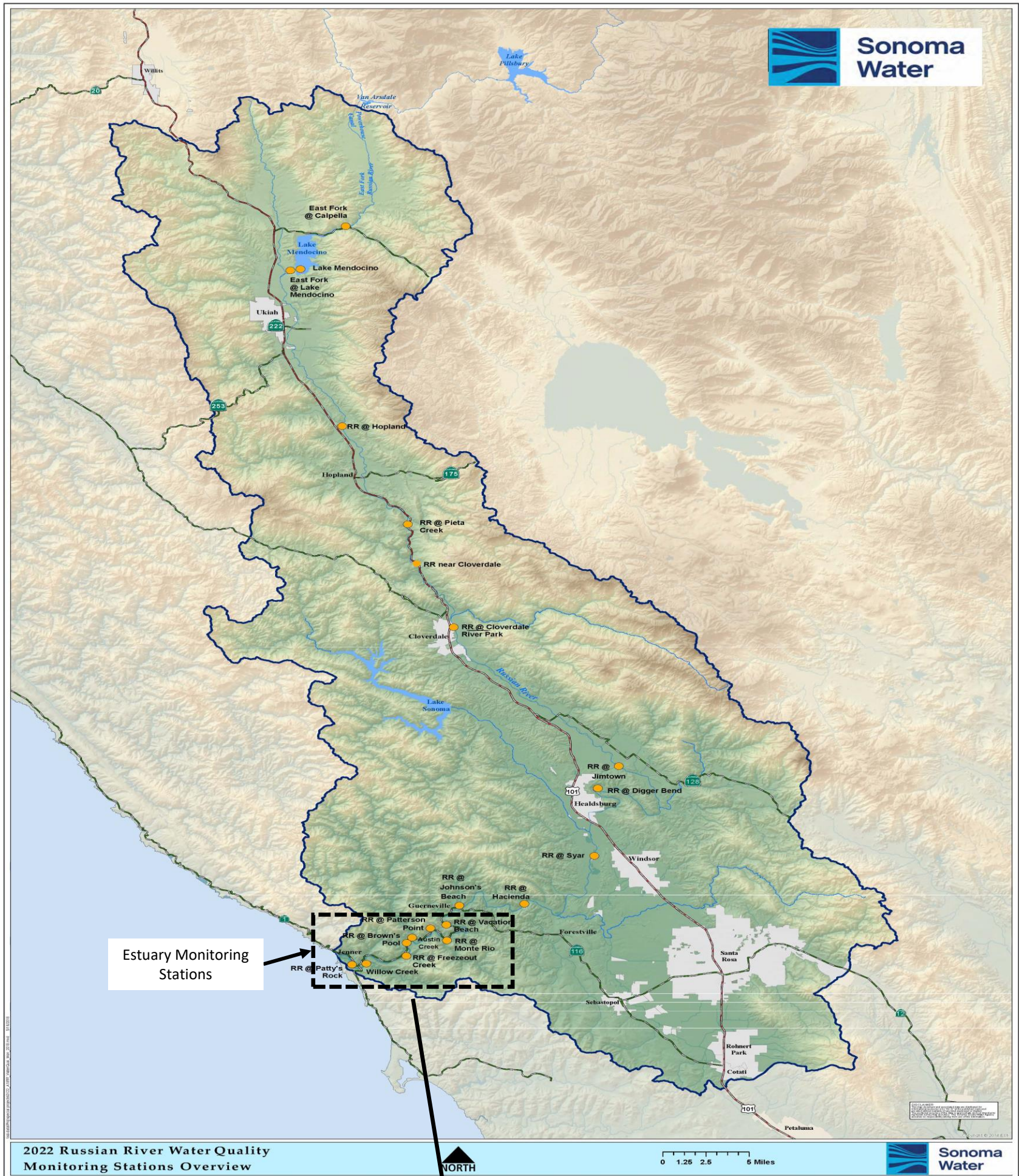
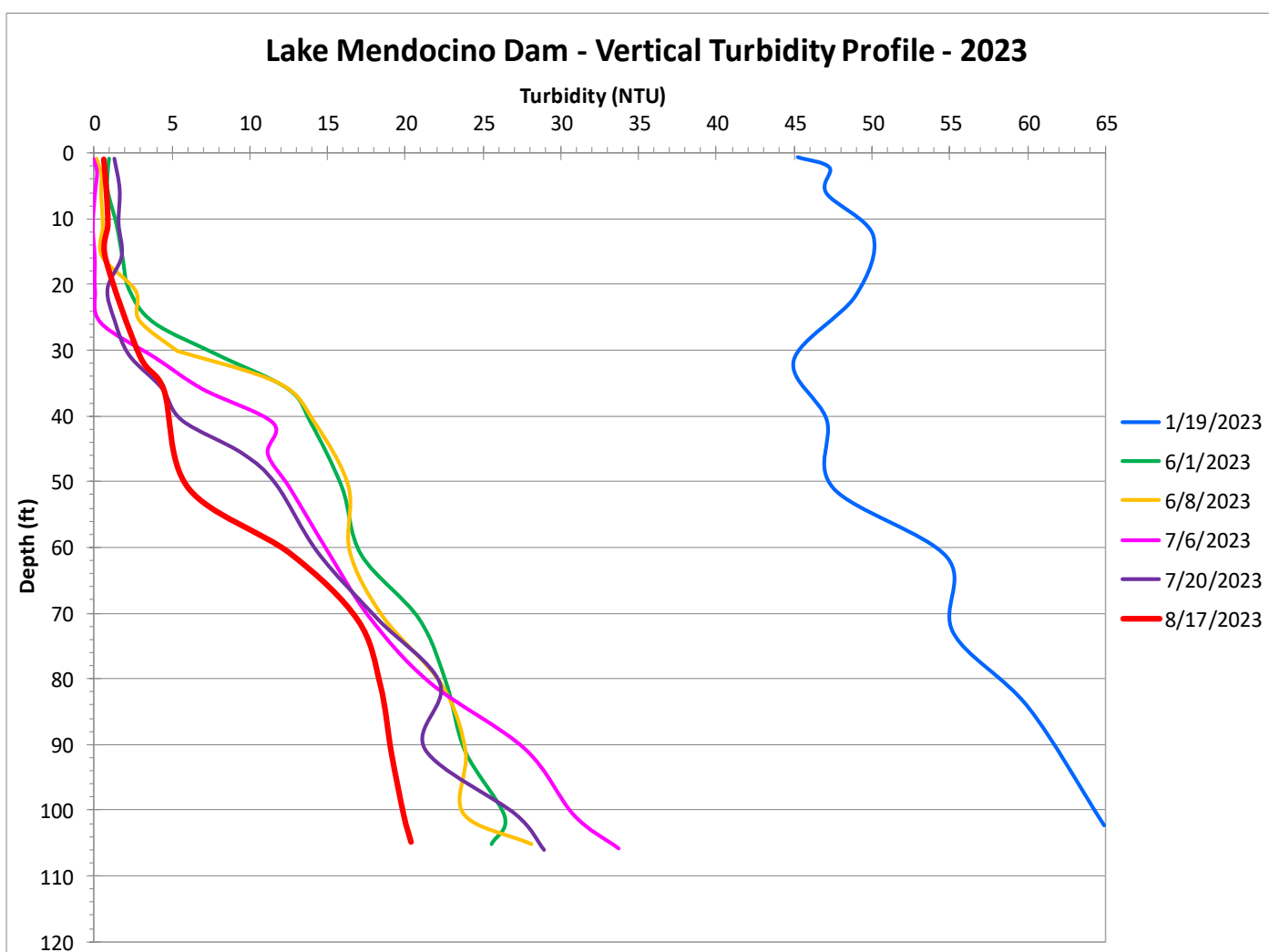
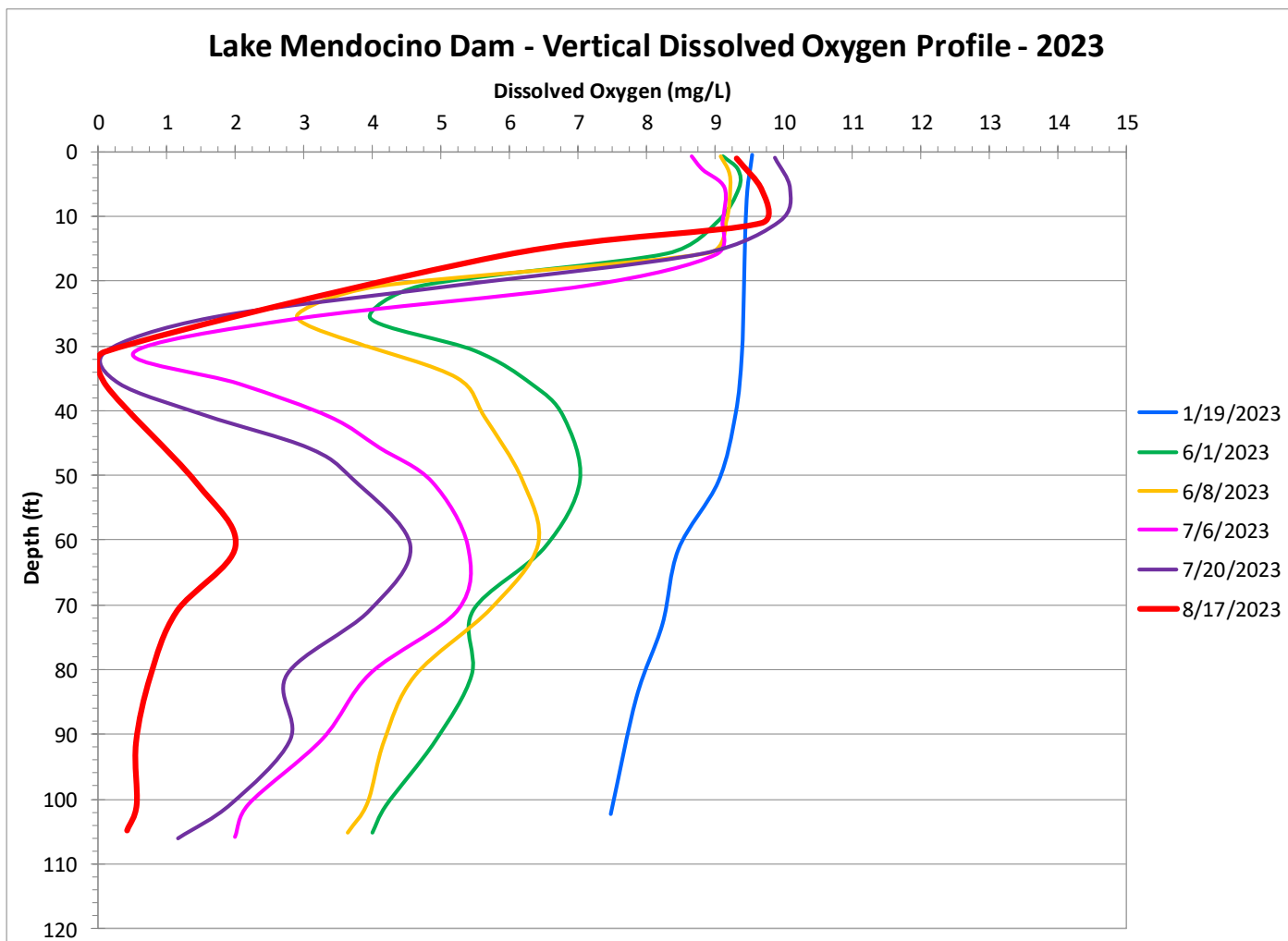
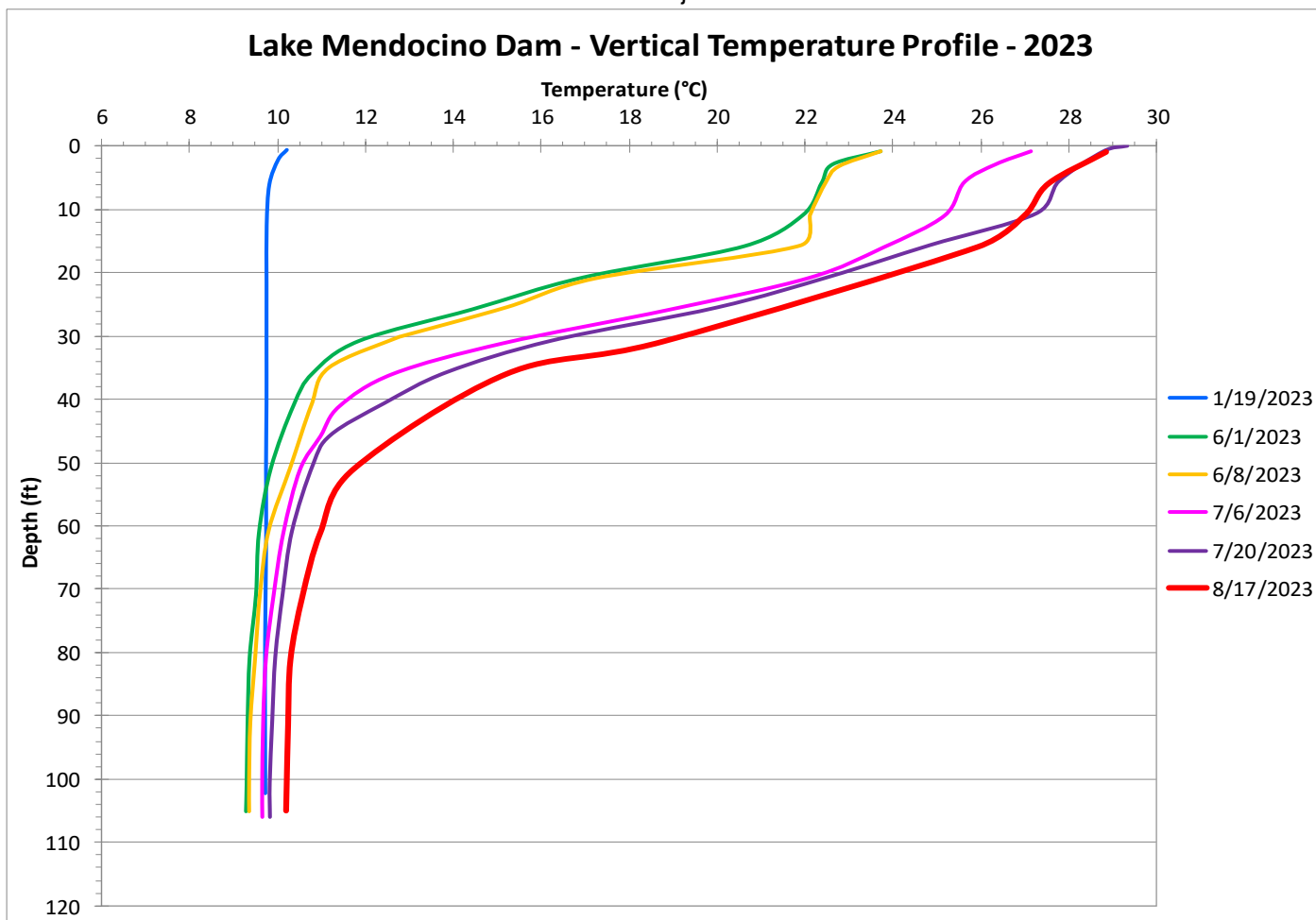


Figure 1

# Lake Mendocino Water Quality Vertical Profiles (January 19 – August 17, 2023)

Provisional Data Subject to Revision

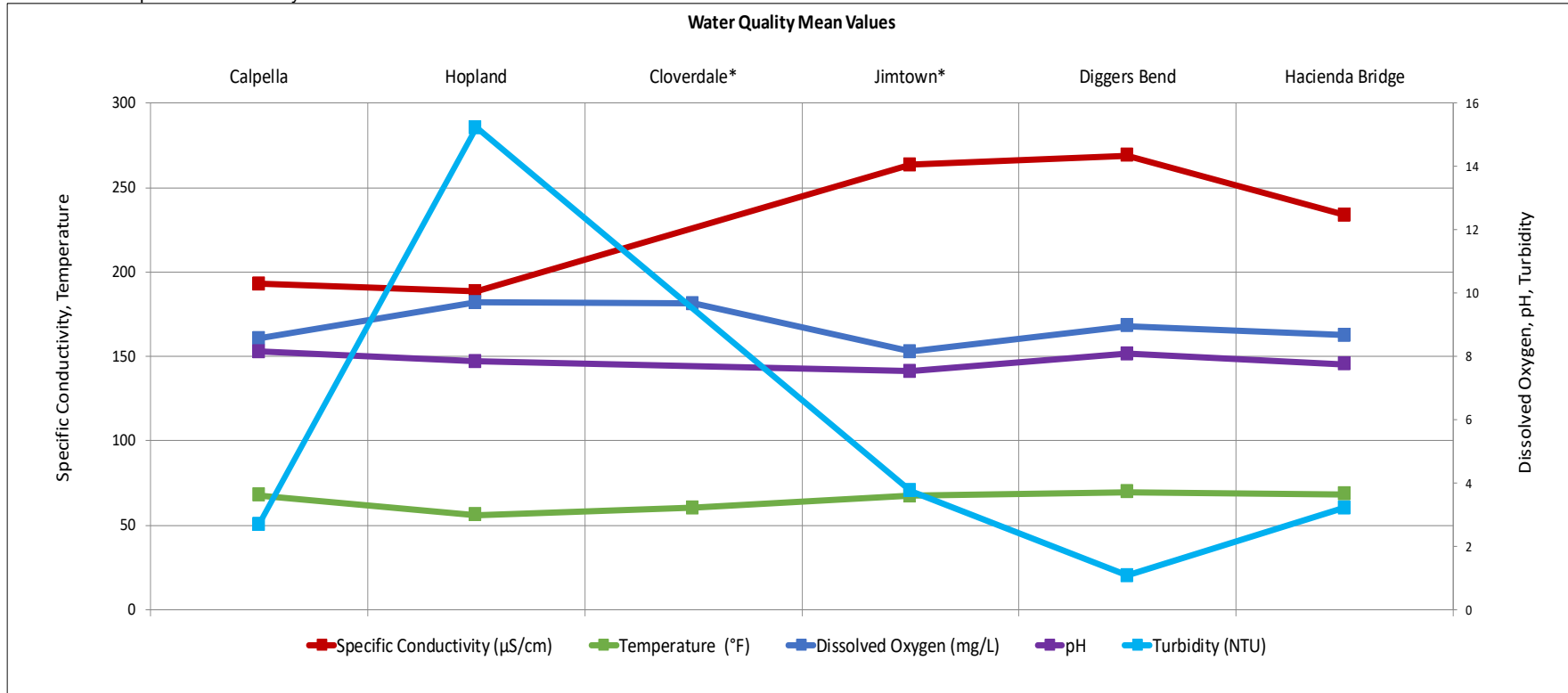


## Russian River Water Quality Sondes (September 1 – September 7, 2023)

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	65.7	54.5	57.9	65.1	66.7		65.7	
	Max	69.8	58.3	64.0	70.9	72.9		70.9	
	Mean	67.7	56.1	60.2	67.4	69.6		68.2	
Specific Conductivity (µS/cm)	Min	189.0	186.0		260.0	265.0		231.0	
	Max	196.0	191.0		270.0	273.0		244.0	
	Mean	193.0	188.4		263.4	269.0		233.9	
Dissolved Oxygen (mg/L)	Min	8.2	9.2	8.6	6.8	7.2		6.6	
	Max	9.2	10.4	11.3	10.4	11.1		10.0	
	Mean	8.6	9.7	9.7	8.1	9.0		8.7	
Dissolved Oxygen (% Saturation)	Min	90.4	87.7	86.0	73.6	79.5		71.3	
	Max	102.0	101.6	116.5	117.1	127.5		112.6	
	Mean	93.8	92.9	97.3	89.1	100.5		95.6	
pH	Min	8.1	7.8		7.4	7.7		7.3	
	Max	8.3	8.0		7.8	8.5		8.1	
	Mean	8.2	7.8		7.5	8.1		7.8	
Turbidity (NTU)	Min	1.7	12.7		3.0	0.7		2.6	
	Max	4.1	20.5		4.6	1.7		4.3	
	Mean	2.7	15.2		3.7	1.1		3.2	

\*Station operated seasonally



## Russian River Water Quality April 1 – September 7, 2023

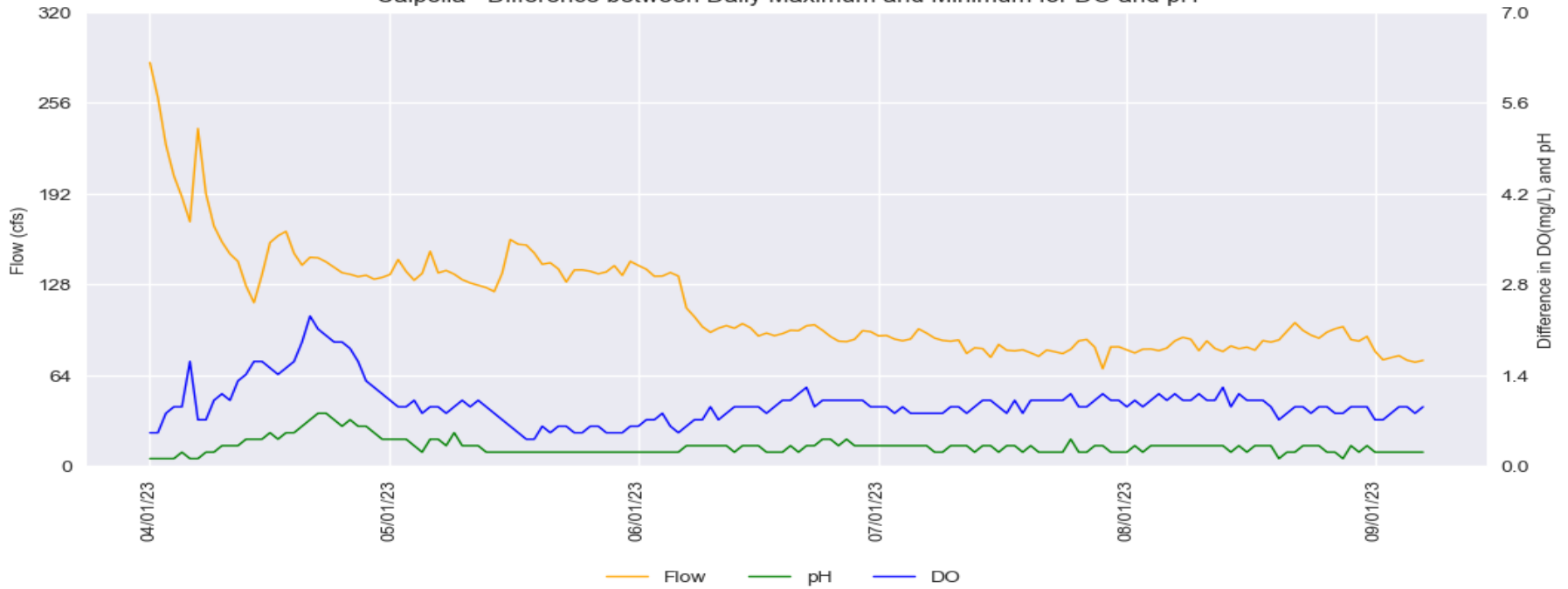
Provisional Data Subject to Revision

### Calpella (East Fork Russian River)

#### Calpella Water Quality Trend



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

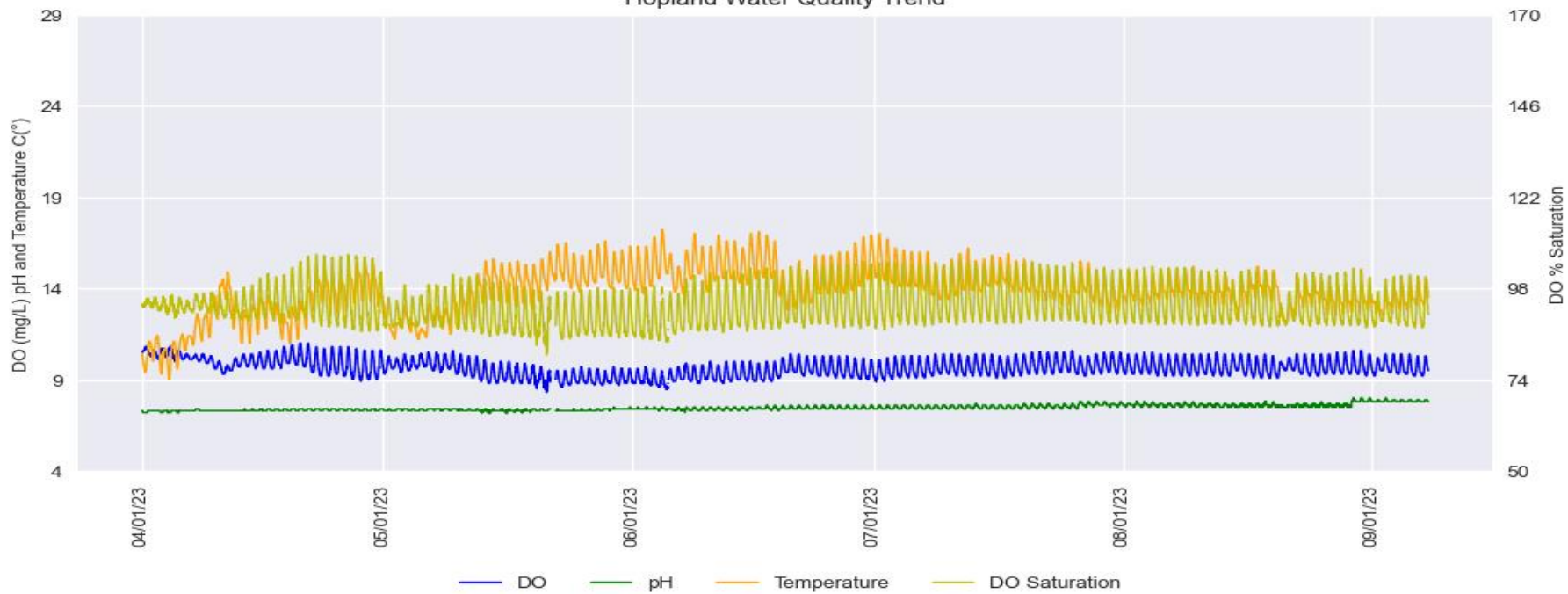


Russian River Water Quality April 1 – September 7, 2023

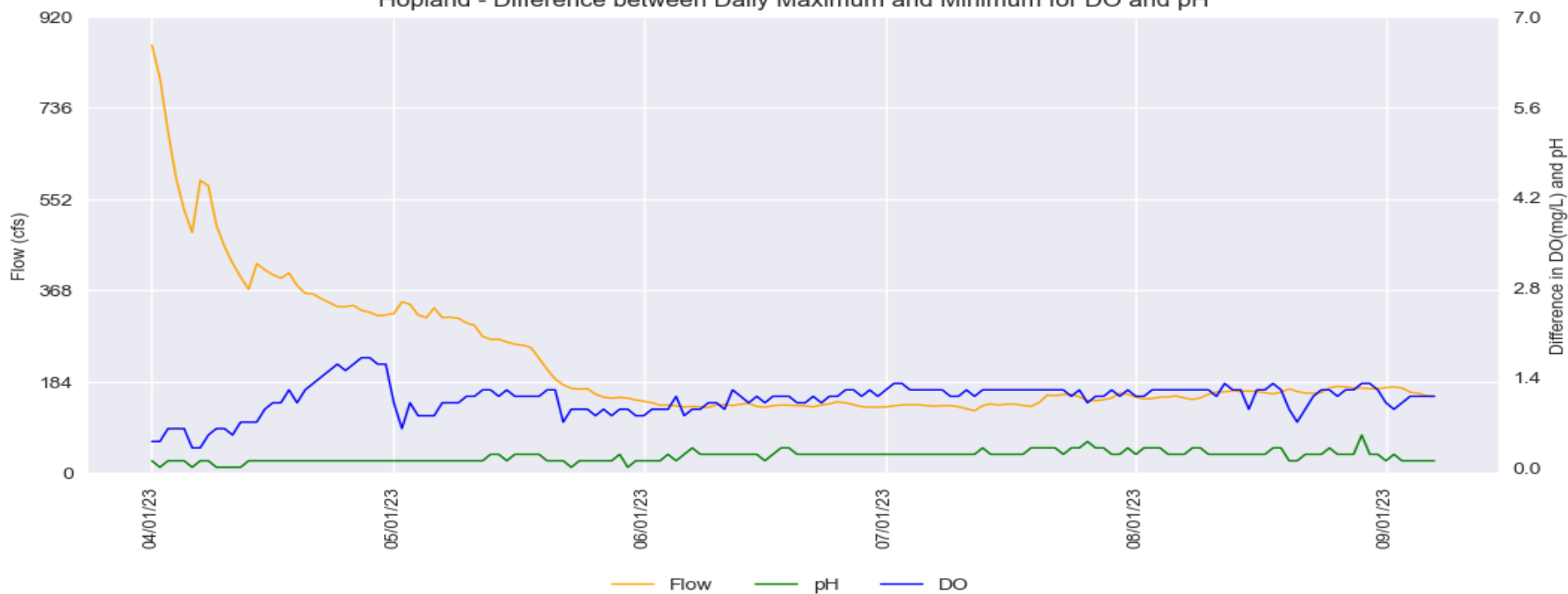
Provisional Data Subject to Revision

**Hopland**

Hopland Water Quality Trend

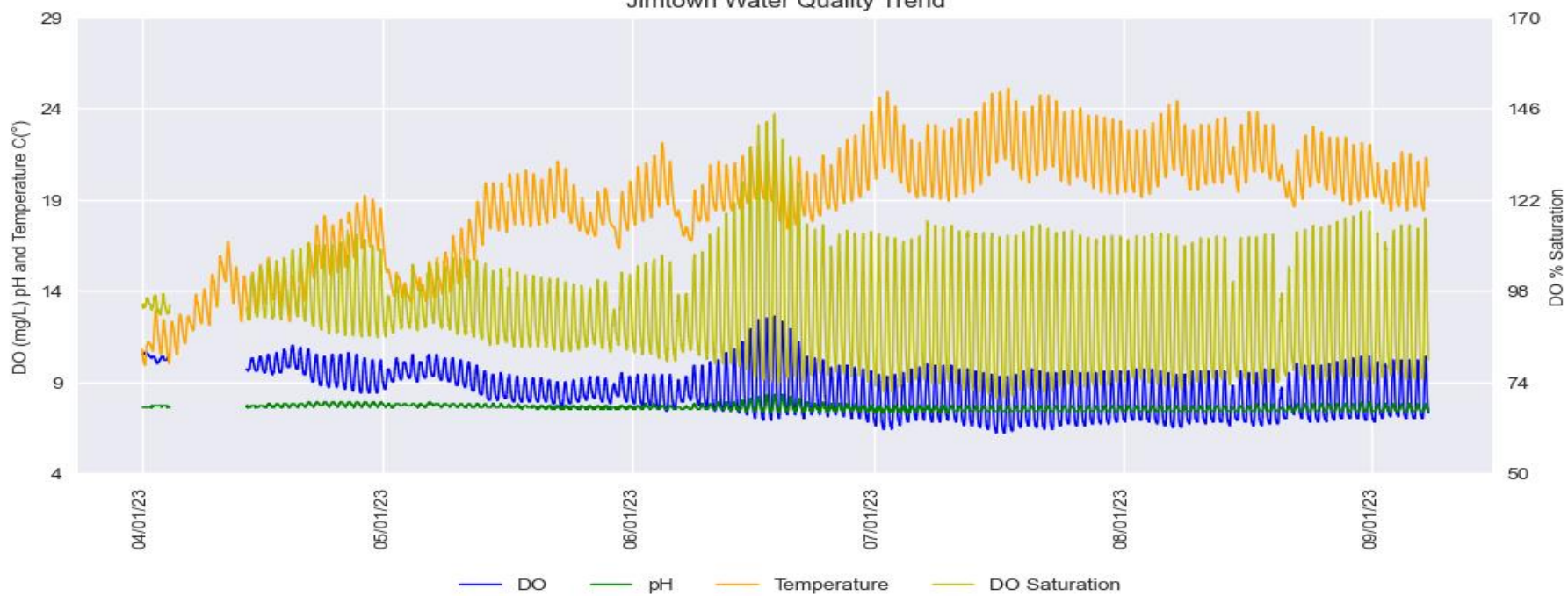


Hopland - Difference between Daily Maximum and Minimum for DO and pH

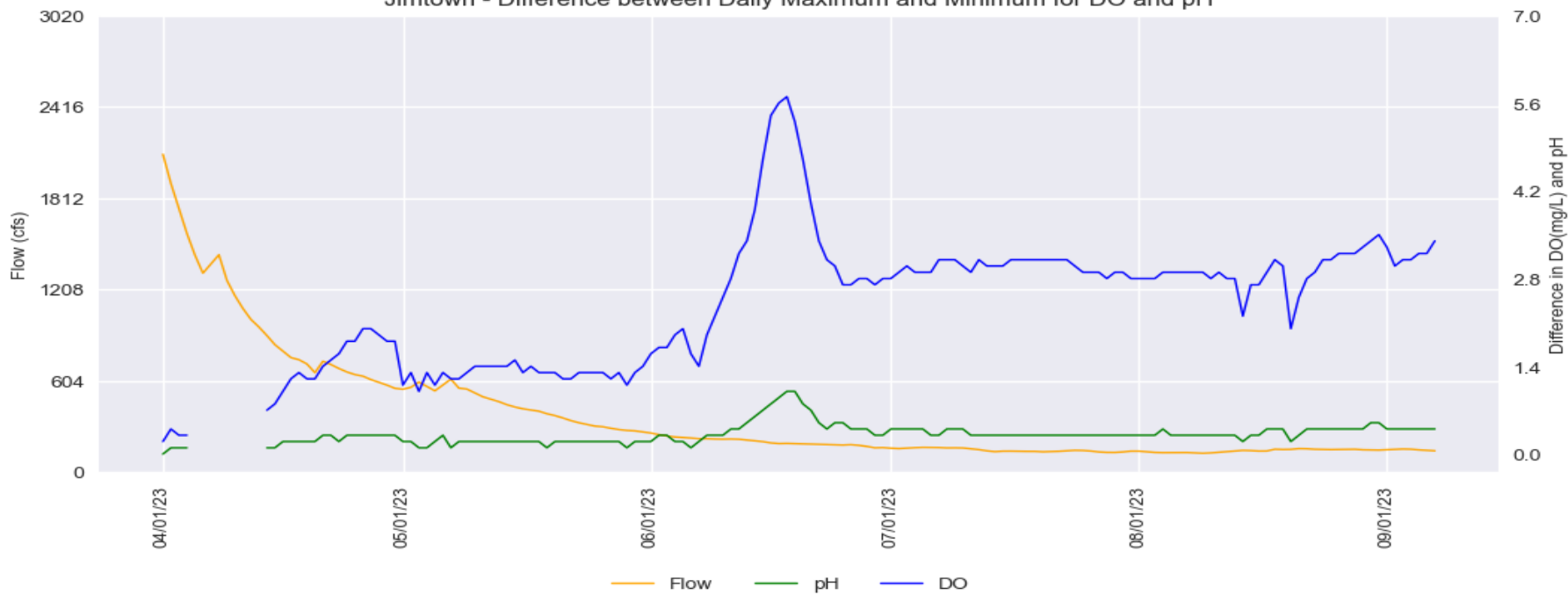


**Jimtown**

Jimtown Water Quality Trend



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

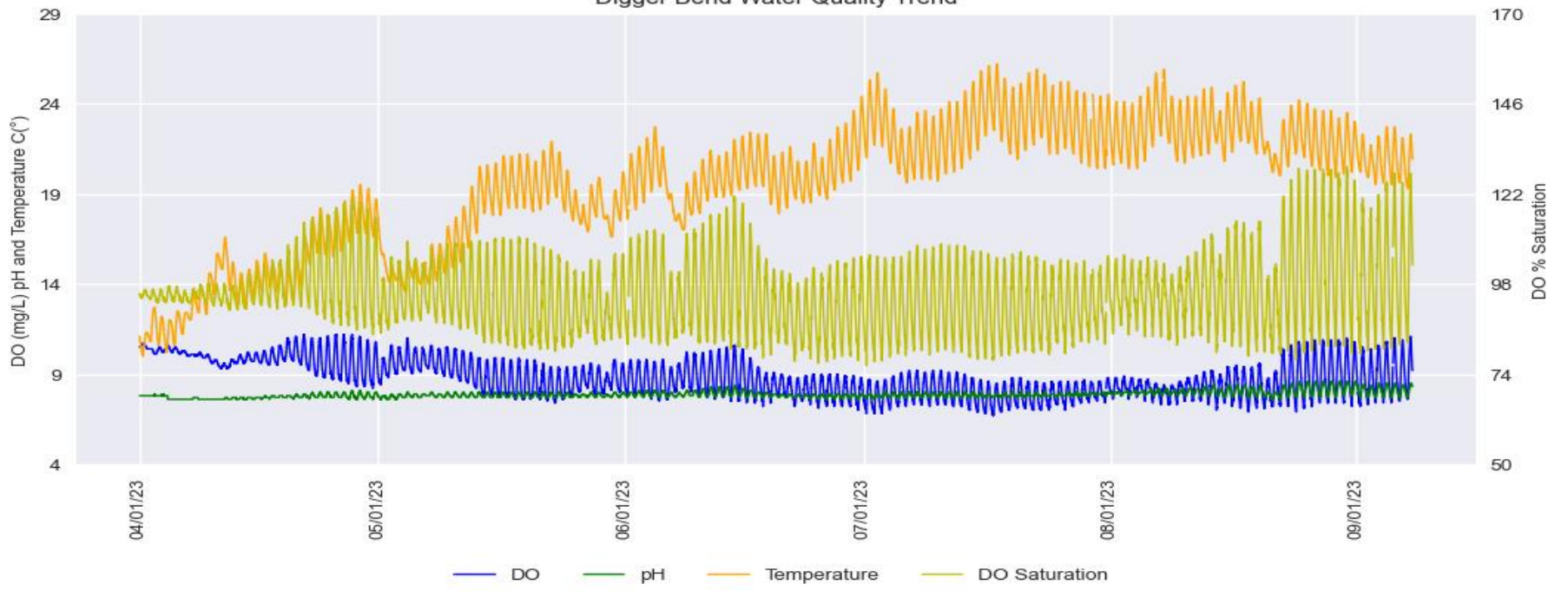


# Russian River Water Quality April 1 – September 7, 2023

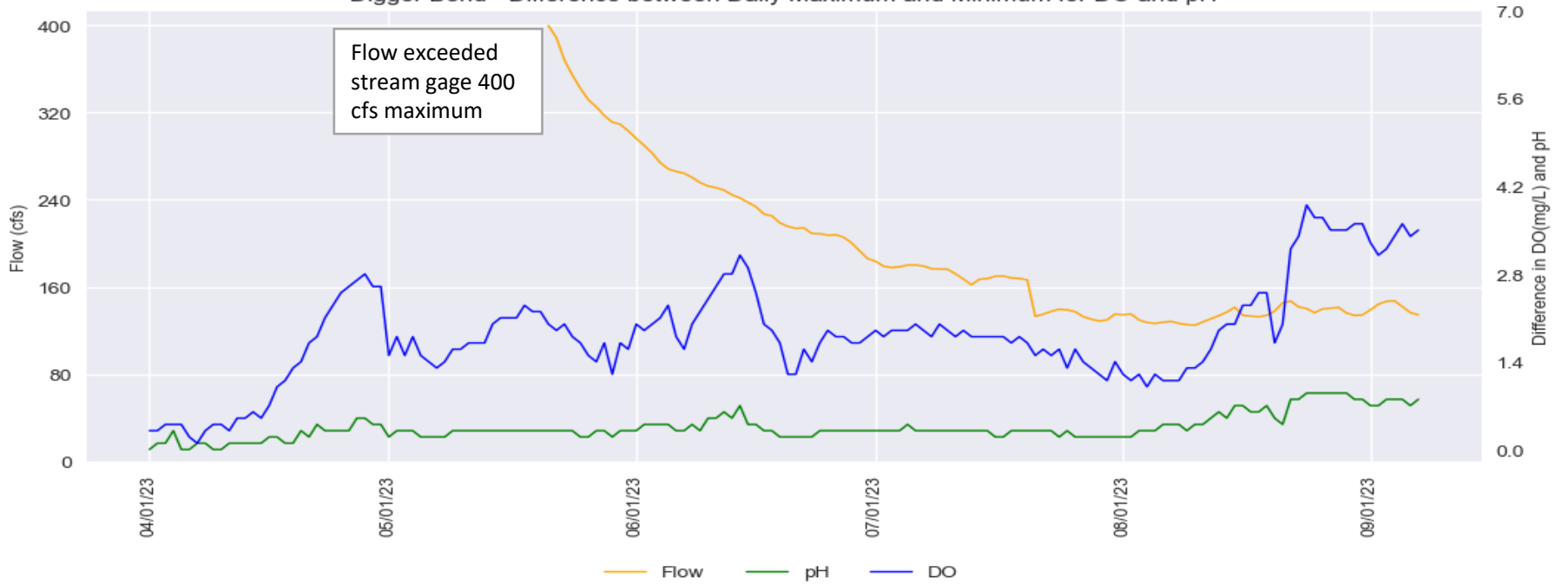
Provisional Data Subject to Revision

## Diggers Bend

### Digger Bend Water Quality Trend

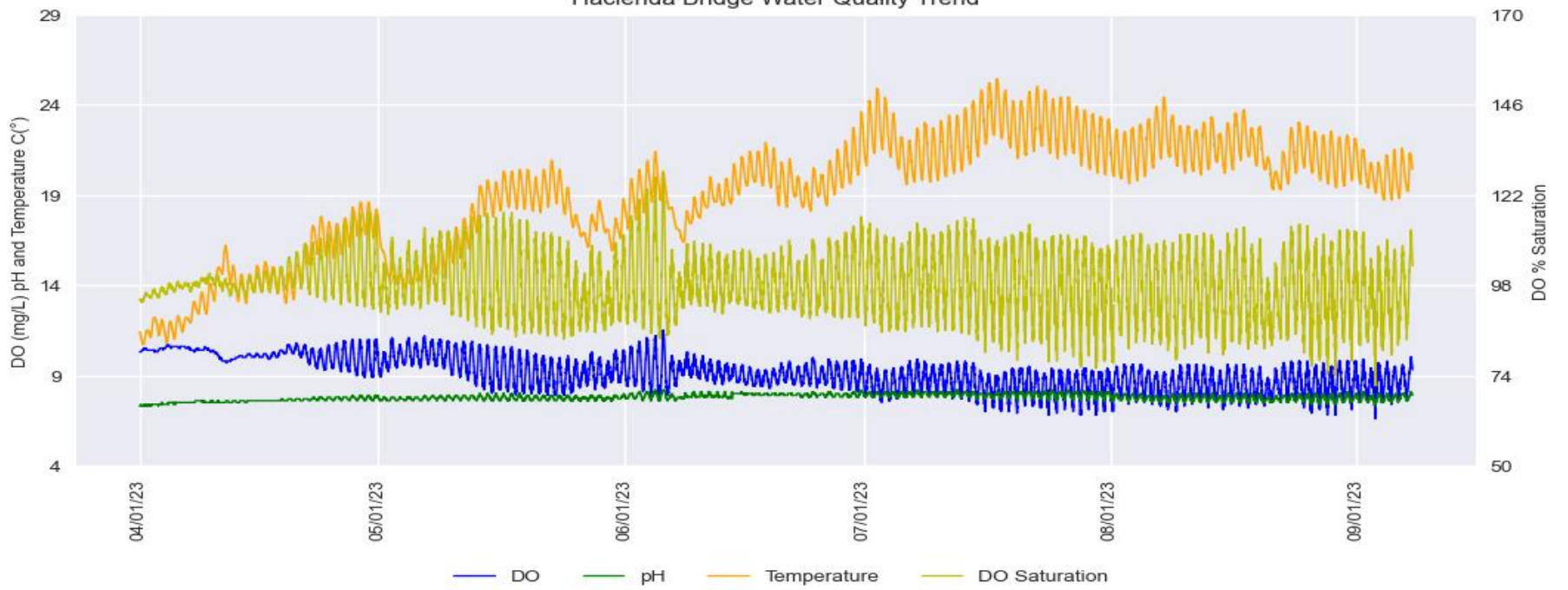


### Digger Bend - Difference between Daily Maximum and Minimum for DO and pH



## Hacienda Bridge

### Hacienda Bridge Water Quality Trend



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

