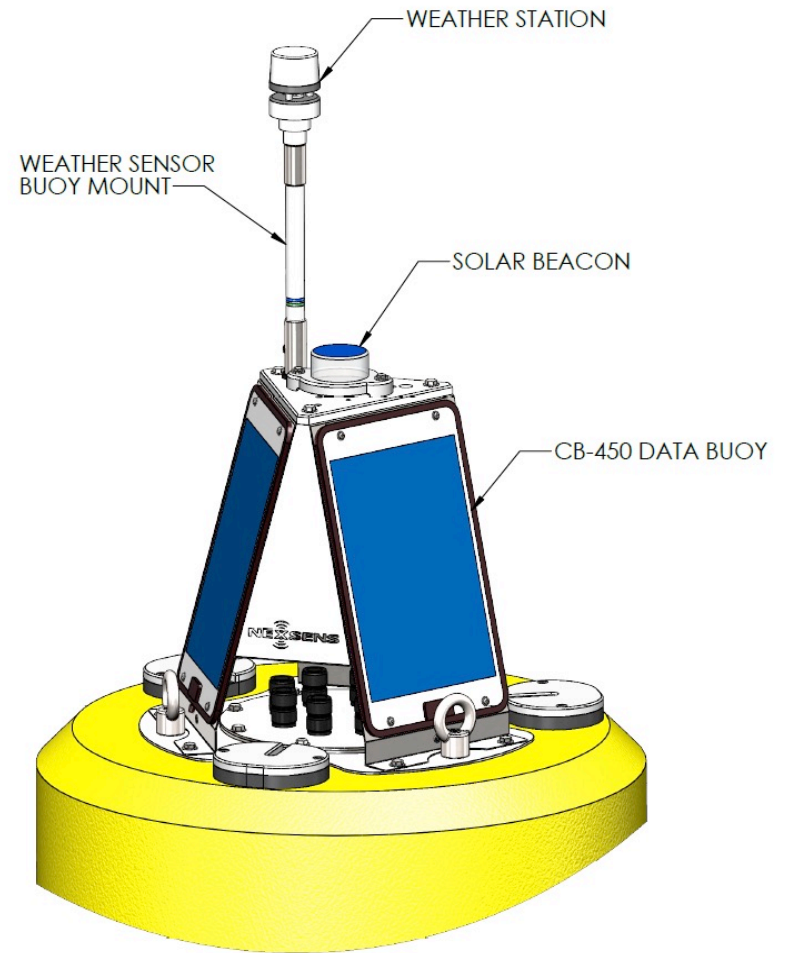
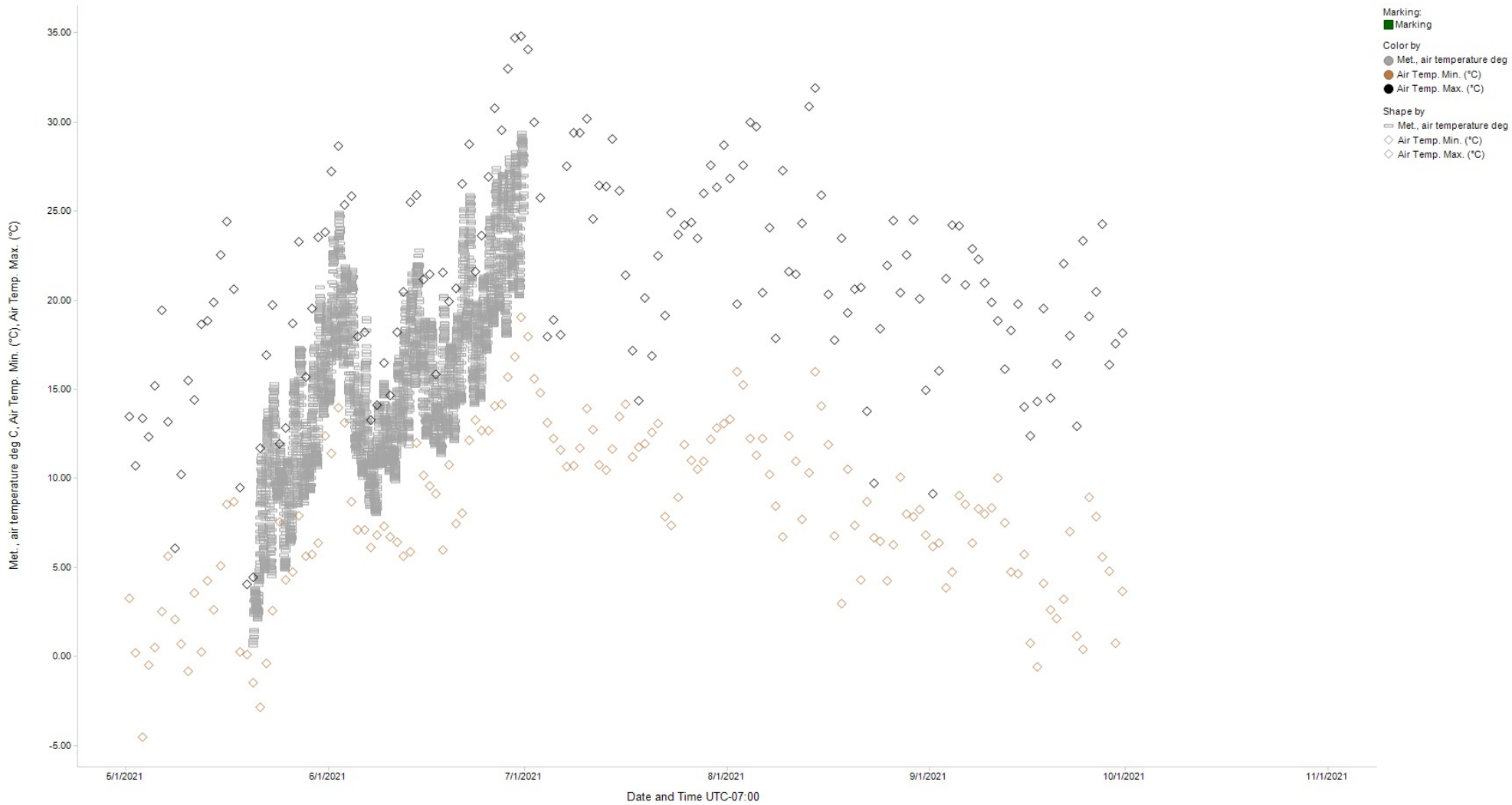


Type of Data Collected

Weather: Gill MaxiMet GMX500

- Air temperature
- Atmospheric (barometric) pressure
- Absolute and relative humidity
- Wind speed and direction

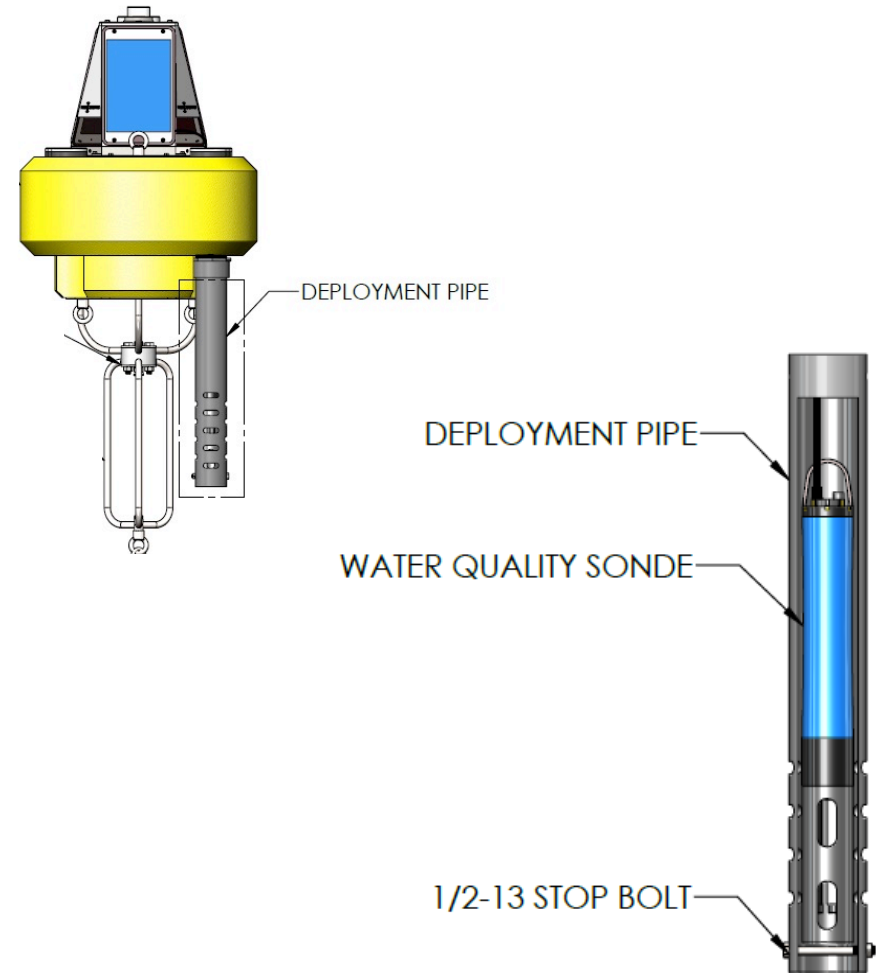




Type of Data Collected

Water Quality at 1 m below surface with YSI EXO2 Multiparameter Sonde

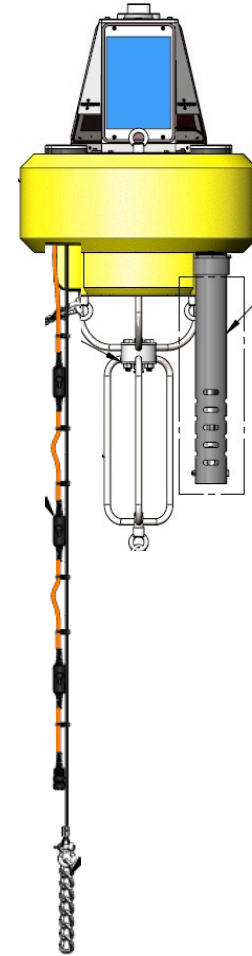
- **Sensors**
 - Temperature and Conductivity
 - pH and ORP
 - Dissolved oxygen
 - Turbidity
 - Chlorophyll and Phycocyanin
- **Wiper**



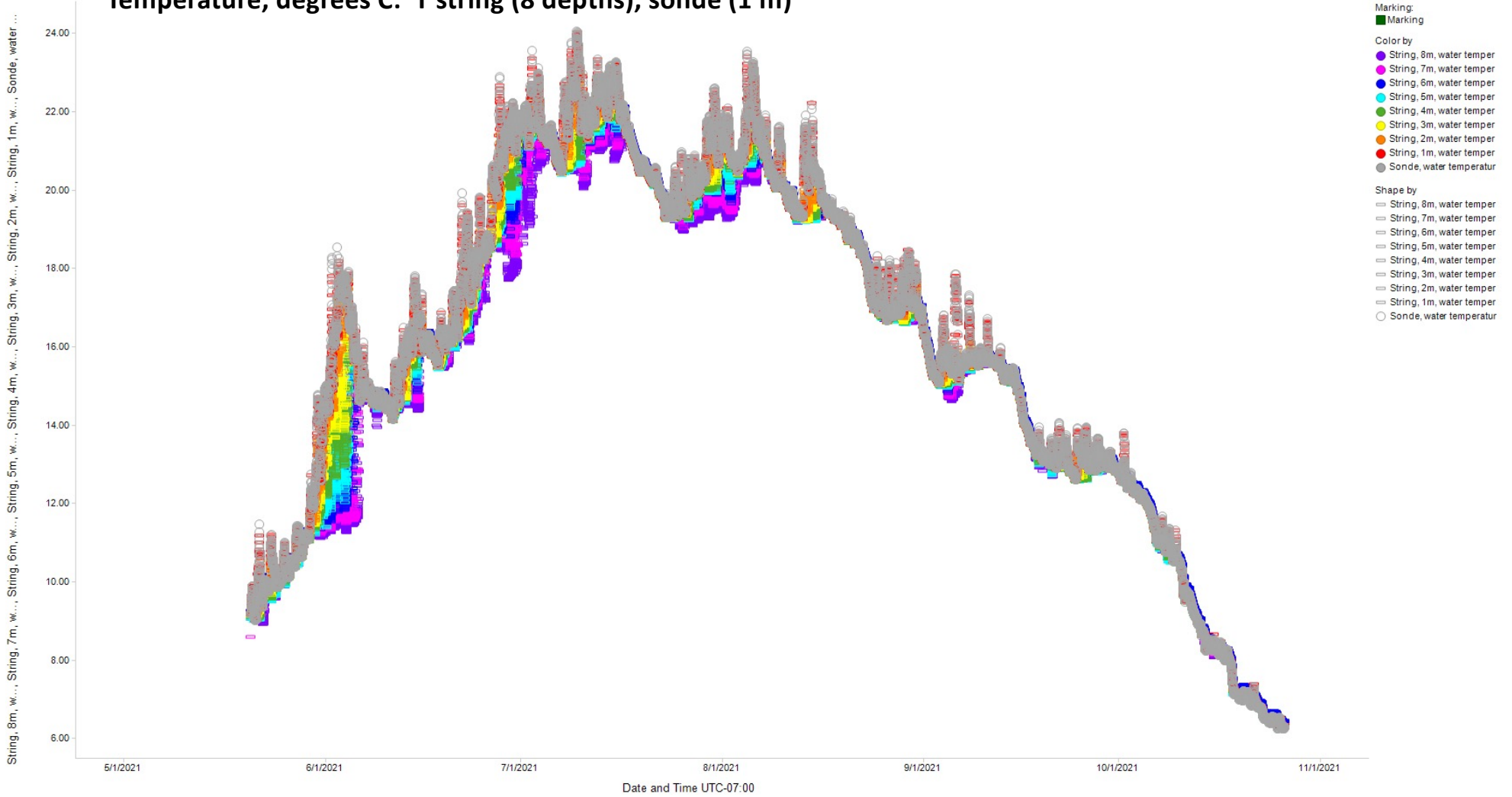
Type of Data Collected

Temperature and dissolved oxygen “string”

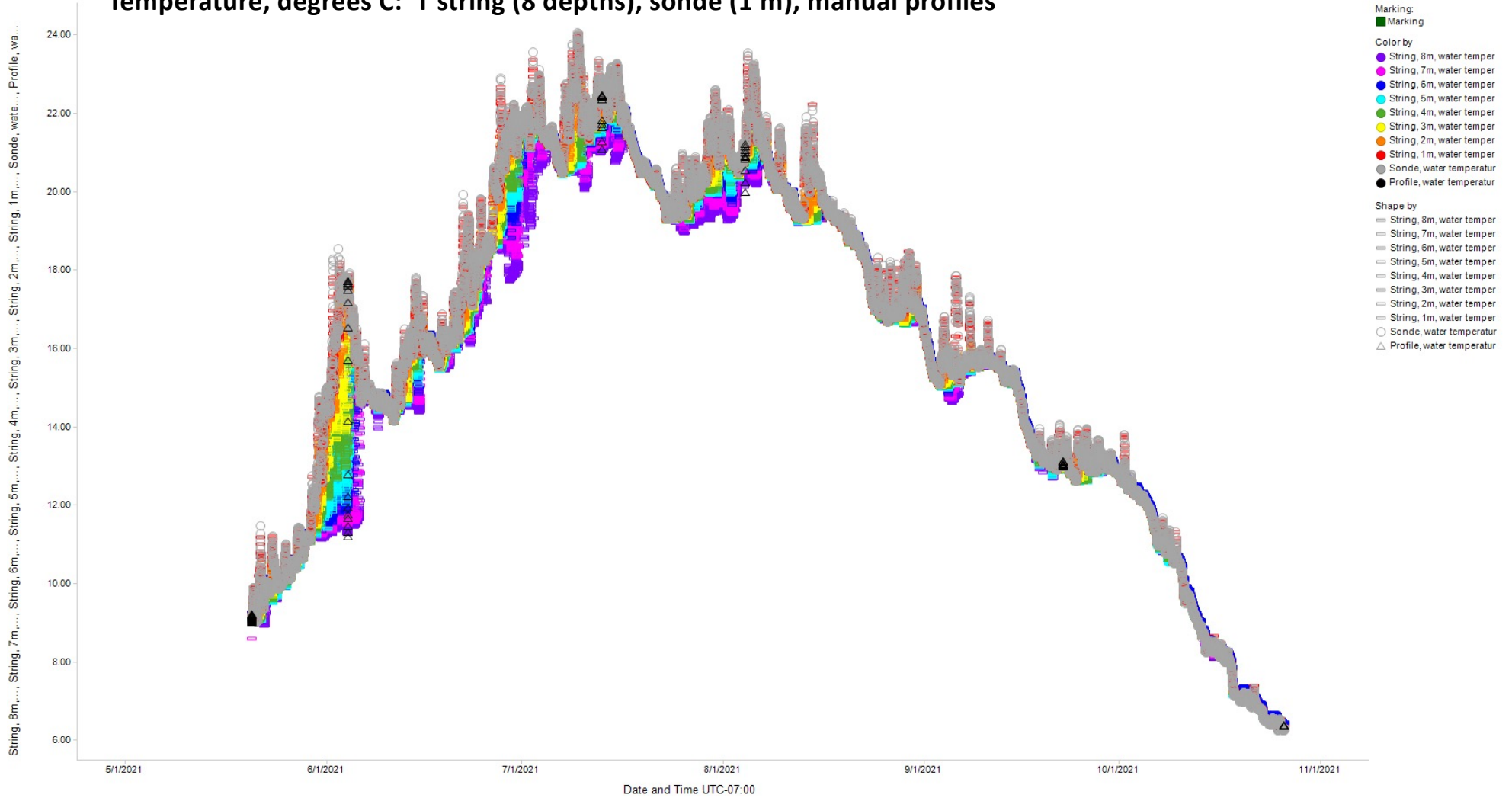
- Temperature sensors every (vertical) meter of water column
- Dissolved oxygen sensors for bottom three meters



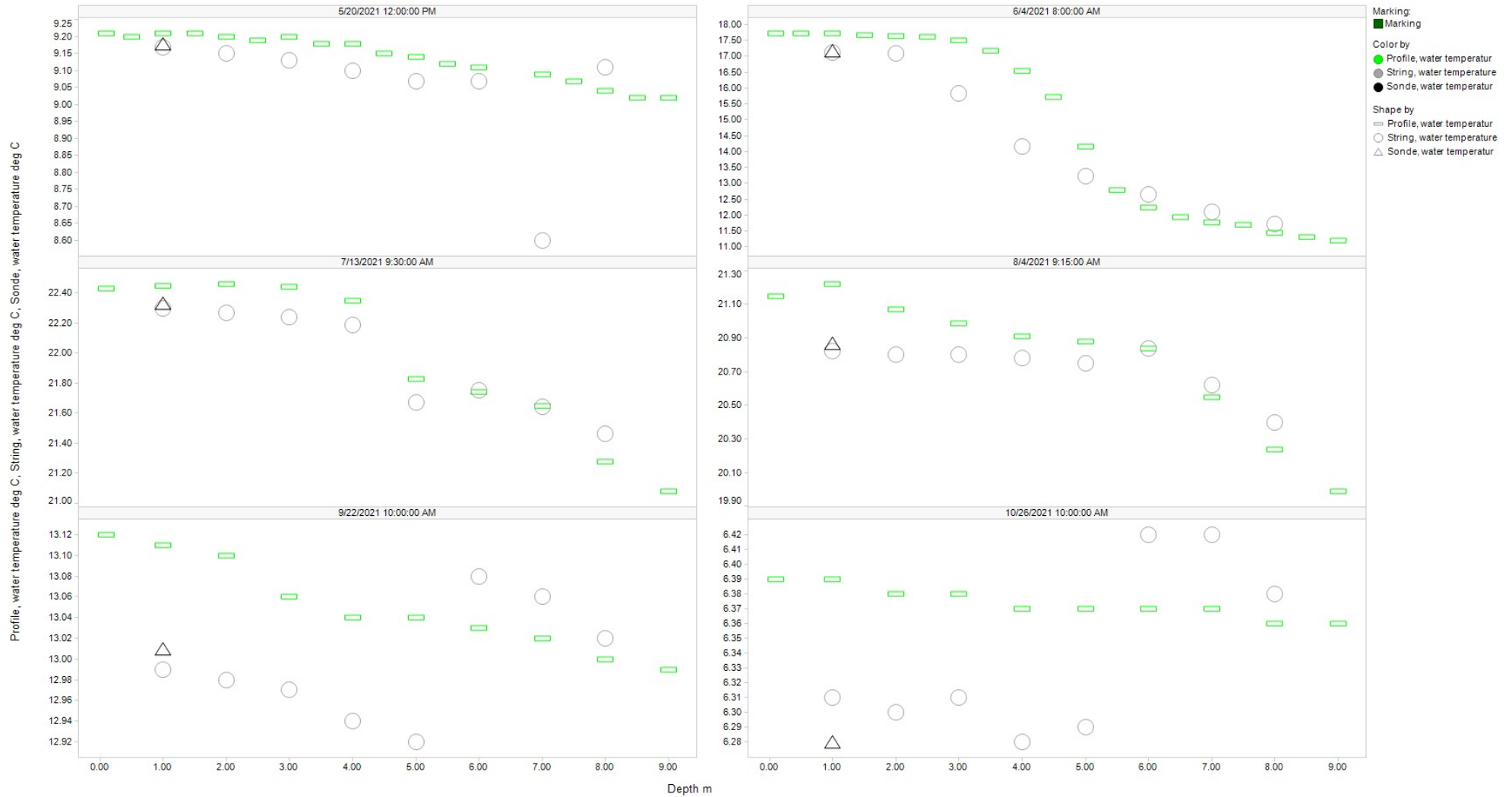
Temperature, degrees C: T string (8 depths), sonde (1 m)



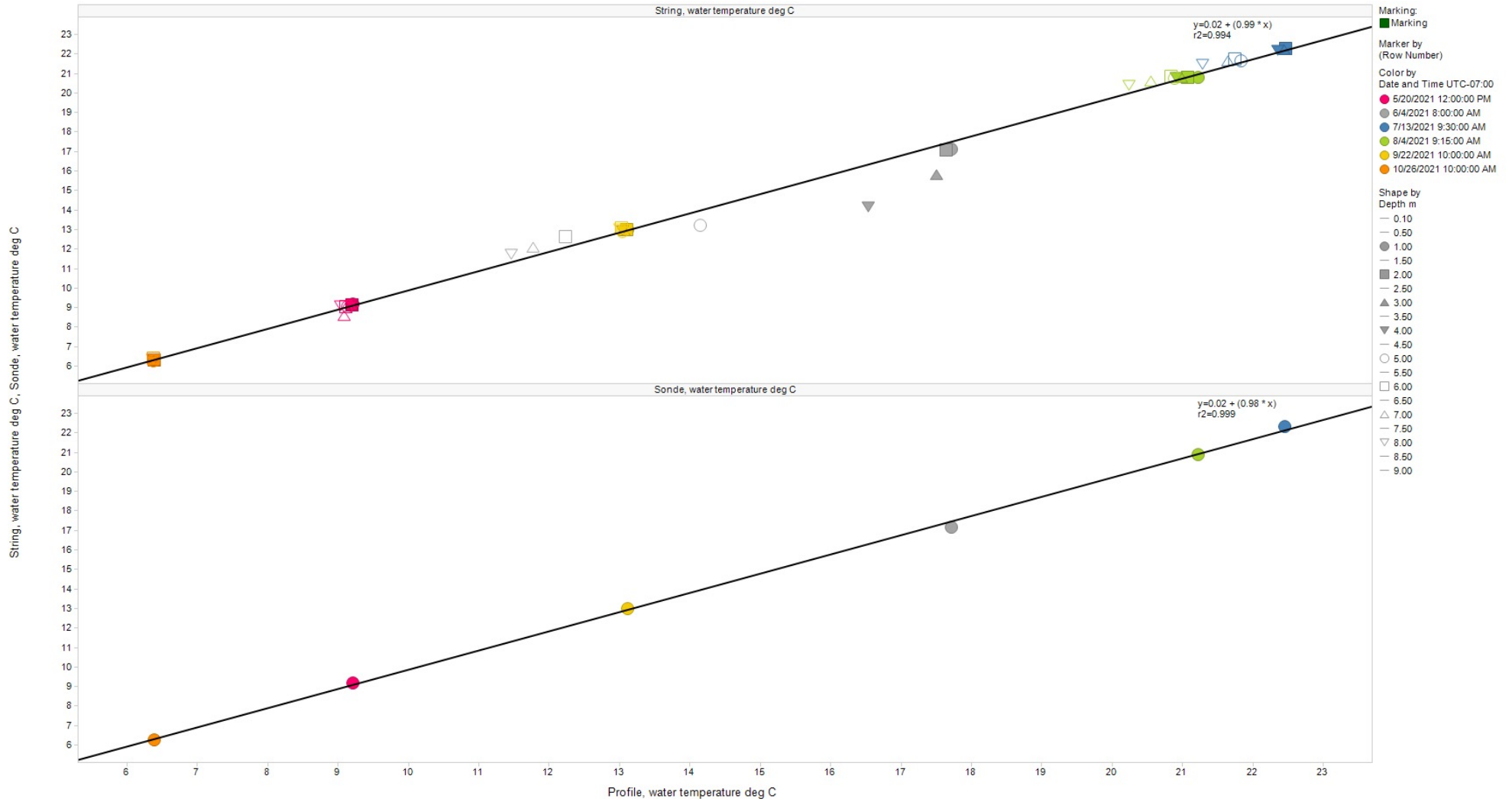
Temperature, degrees C: T string (8 depths), sonde (1 m), manual profiles



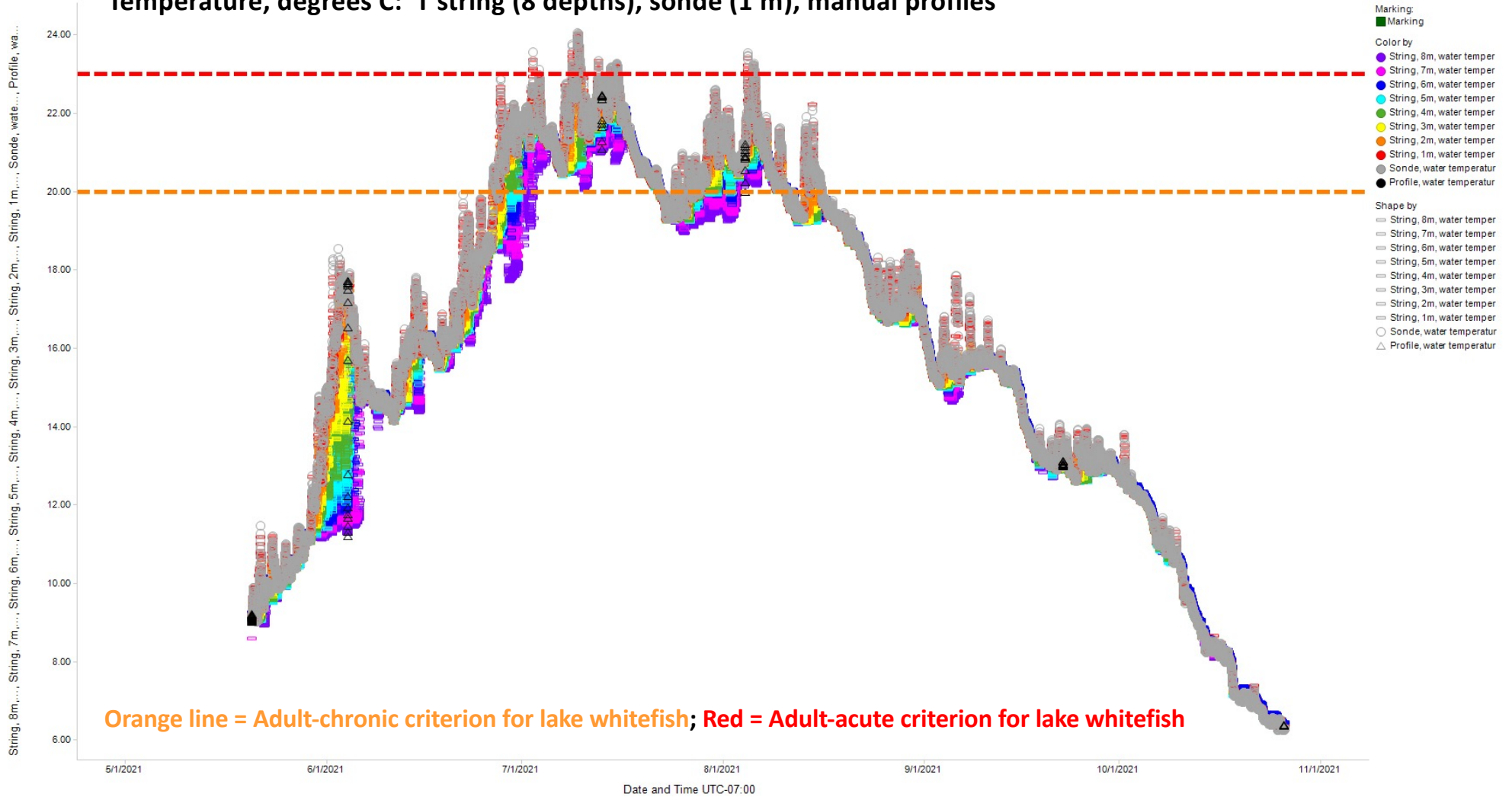
Temperature (degrees C) versus depth (m) for five dates: T string (8 depths), sonde (1 m), manual profiles



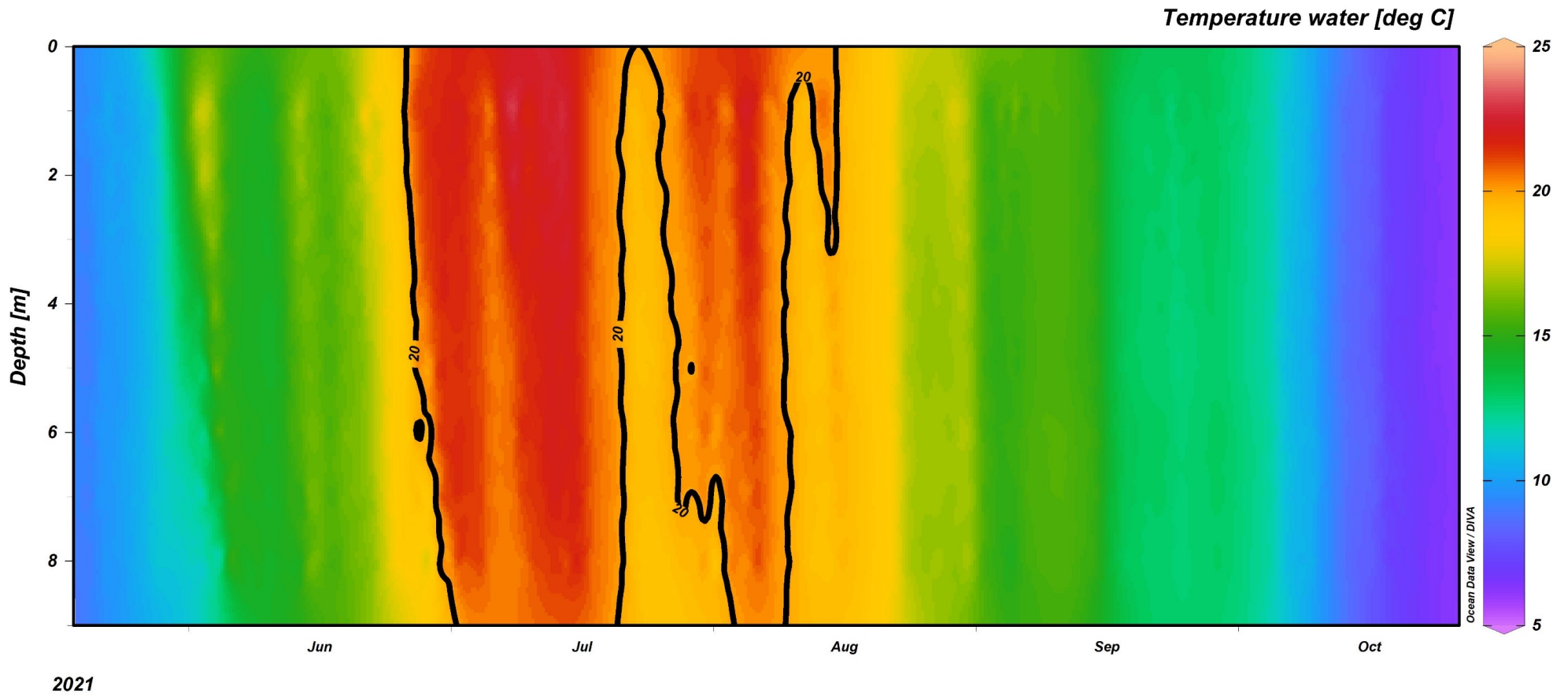
Temperature (degrees C) comparisons; buoy data are valid



Temperature, degrees C: T string (8 depths), sonde (1 m), manual profiles

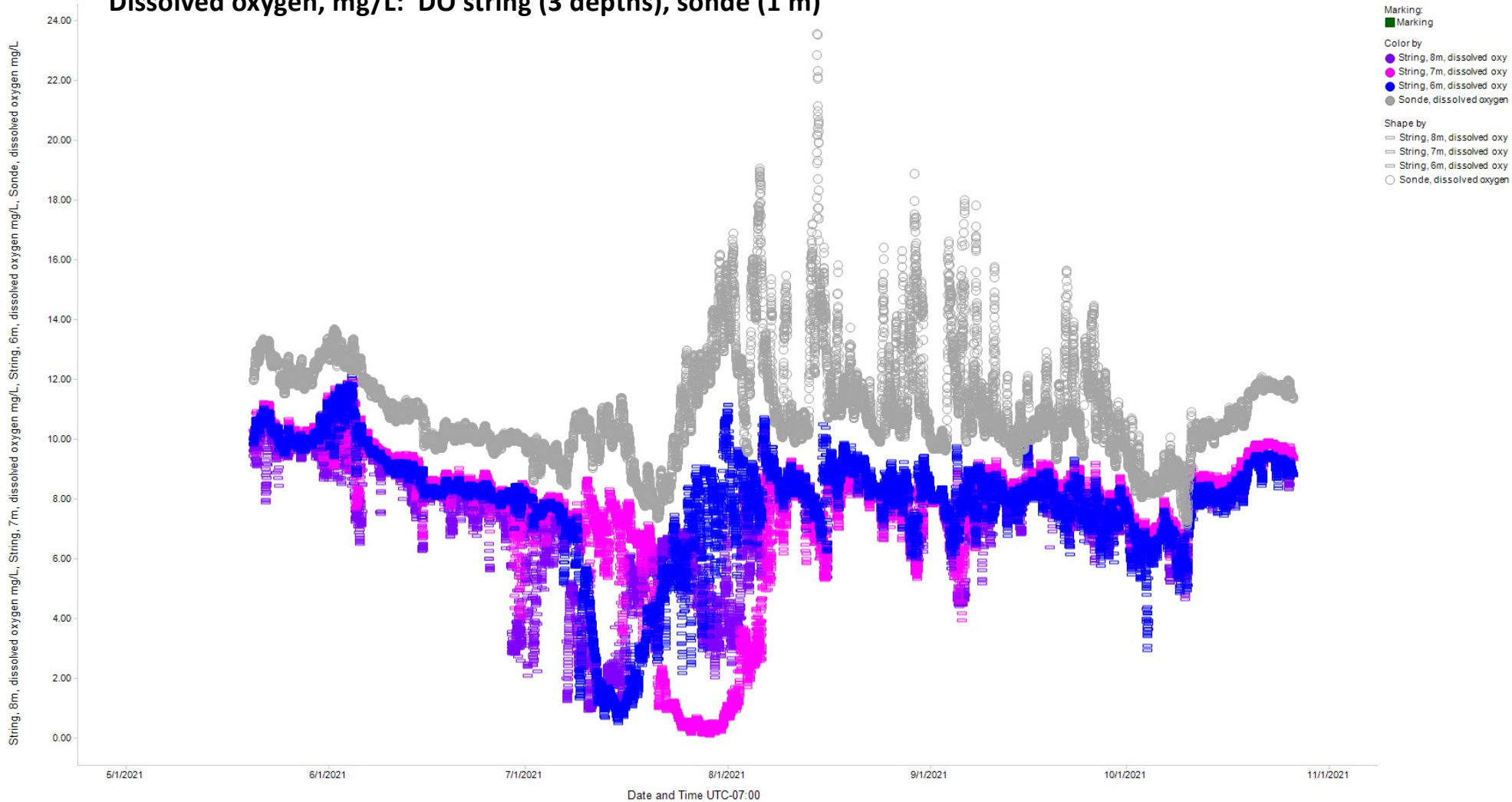


Temperature, degrees C: T string (8 depths)

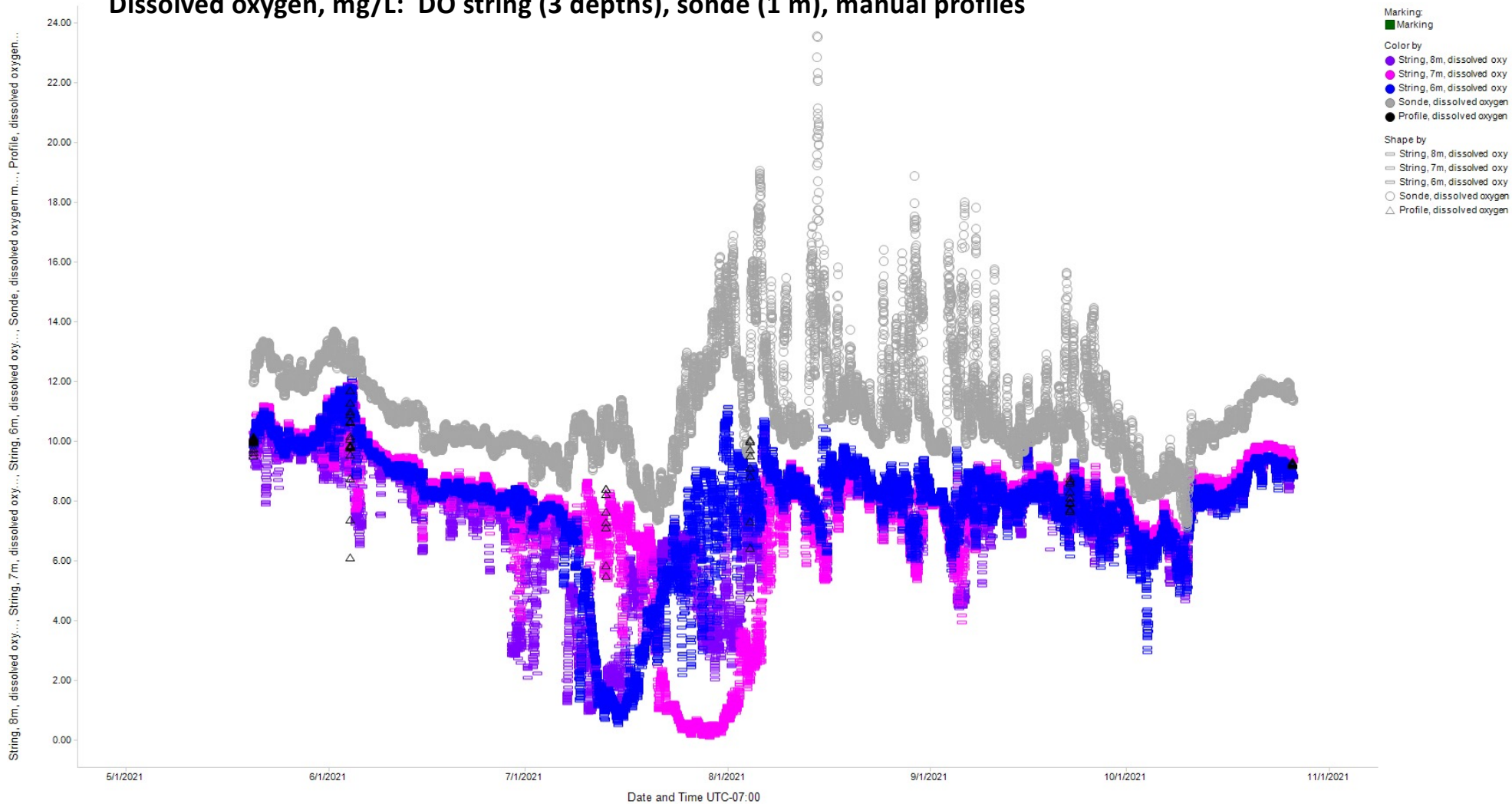


20°C= Adult-chronic criterion for lake whitefish

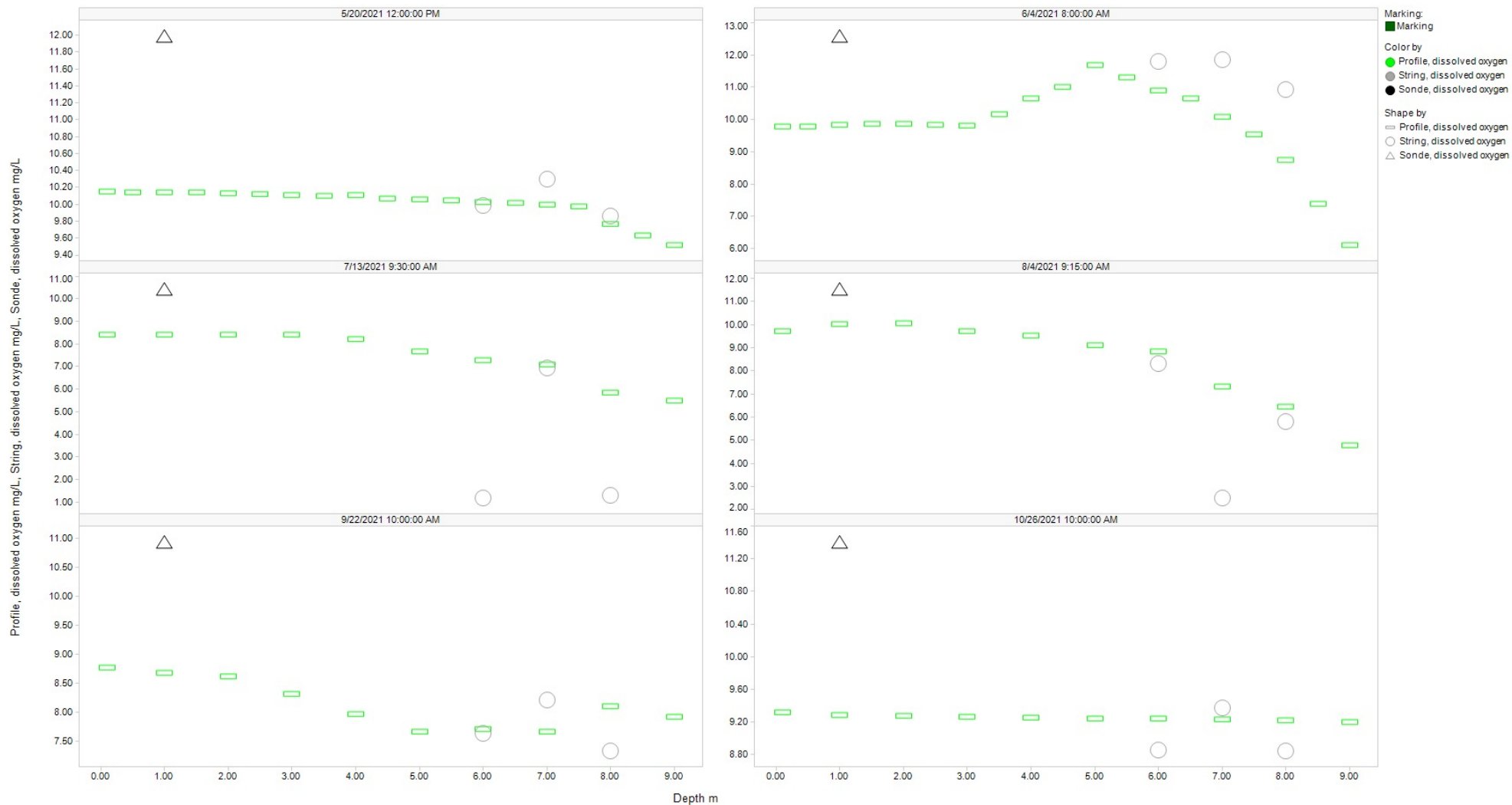
Dissolved oxygen, mg/L: DO string (3 depths), sonde (1 m)



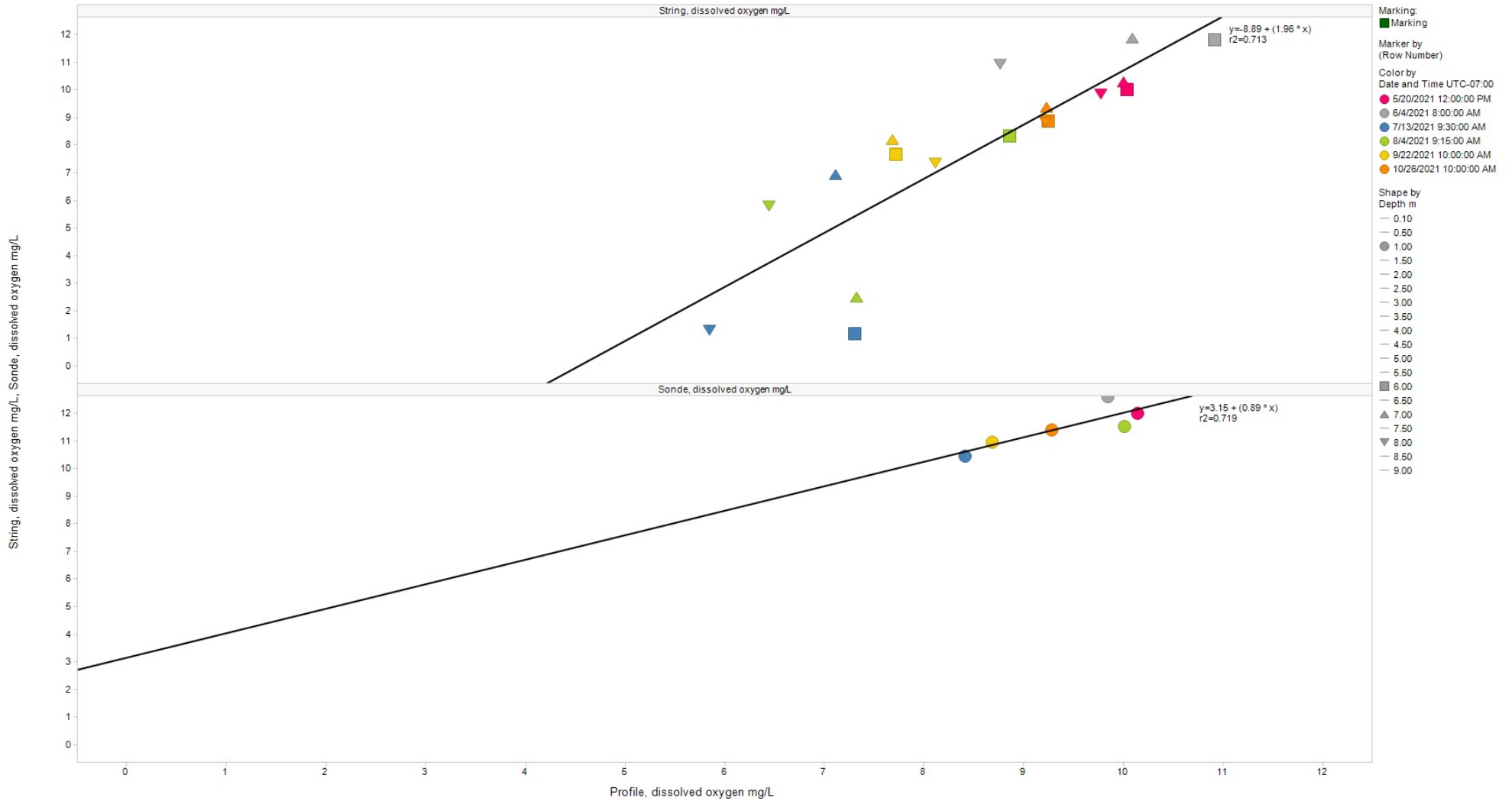
Dissolved oxygen, mg/L: DO string (3 depths), sonde (1 m), manual profiles



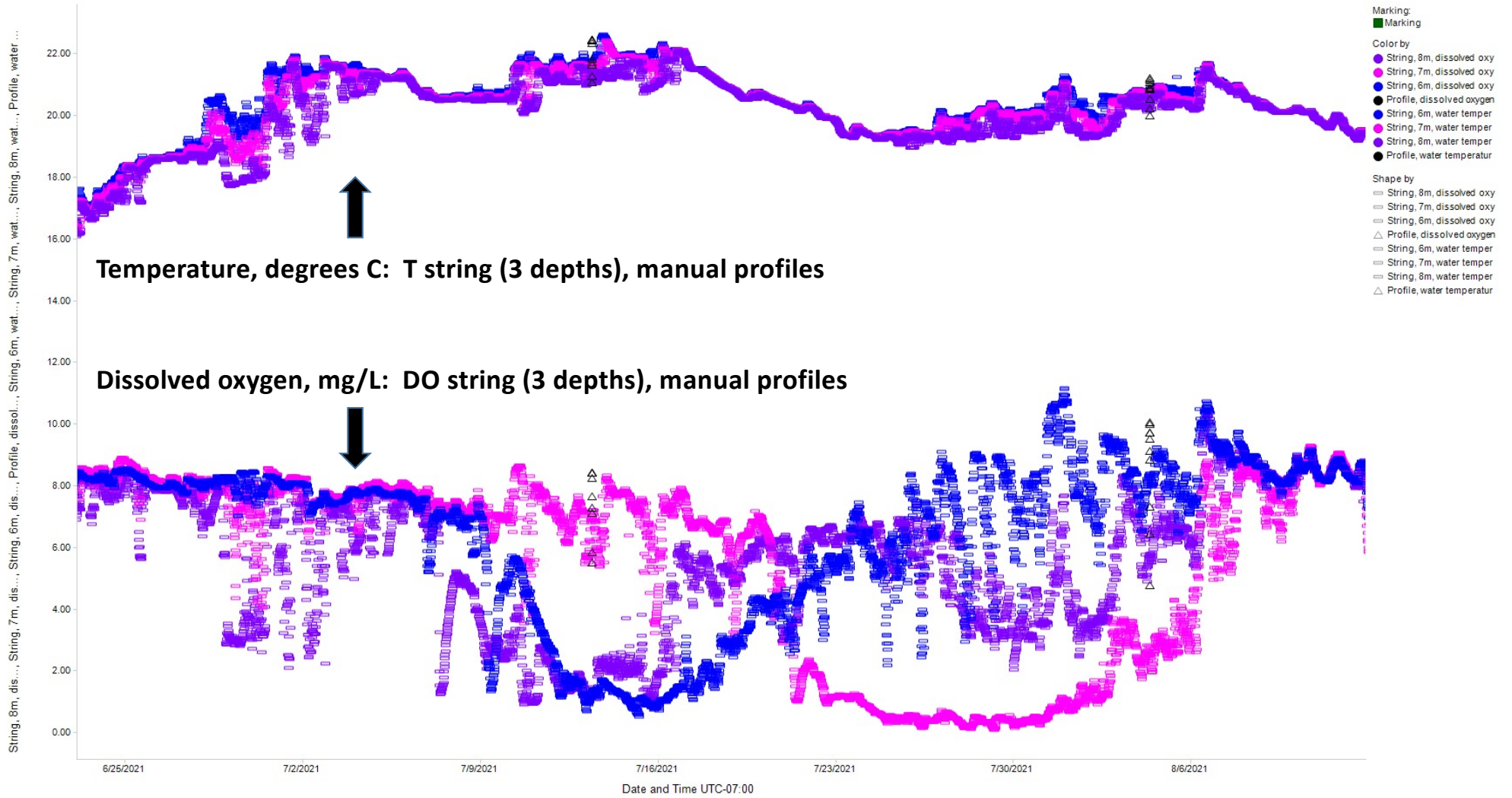
Dissolved oxygen (mg/L) versus depth (m) for five dates: DO string (3 depths), sonde (1 m), manual profiles



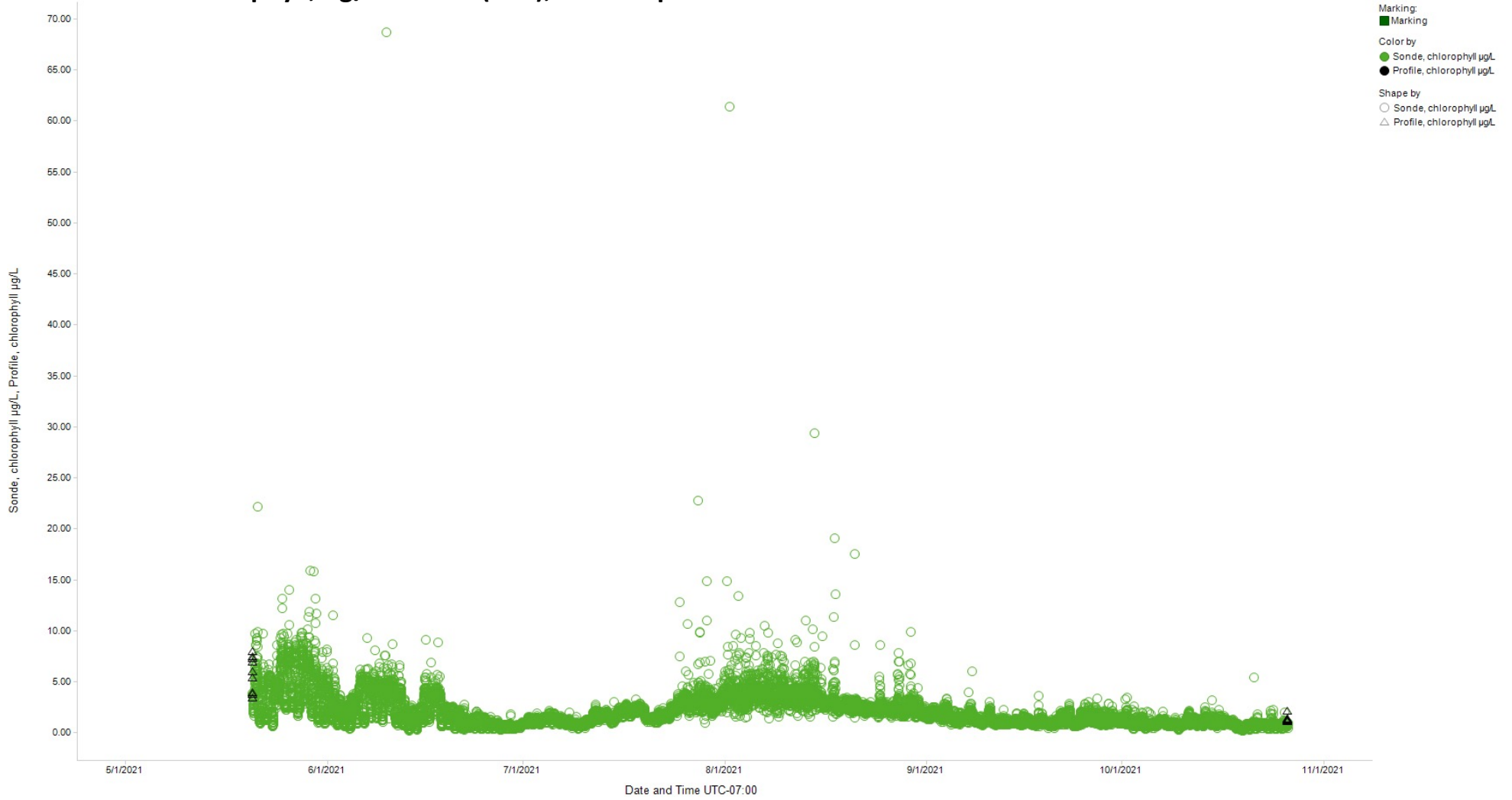
Dissolved oxygen (mg/L) comparisons; buoy data are questionable; need manual cleaning or replacement at regular intervals



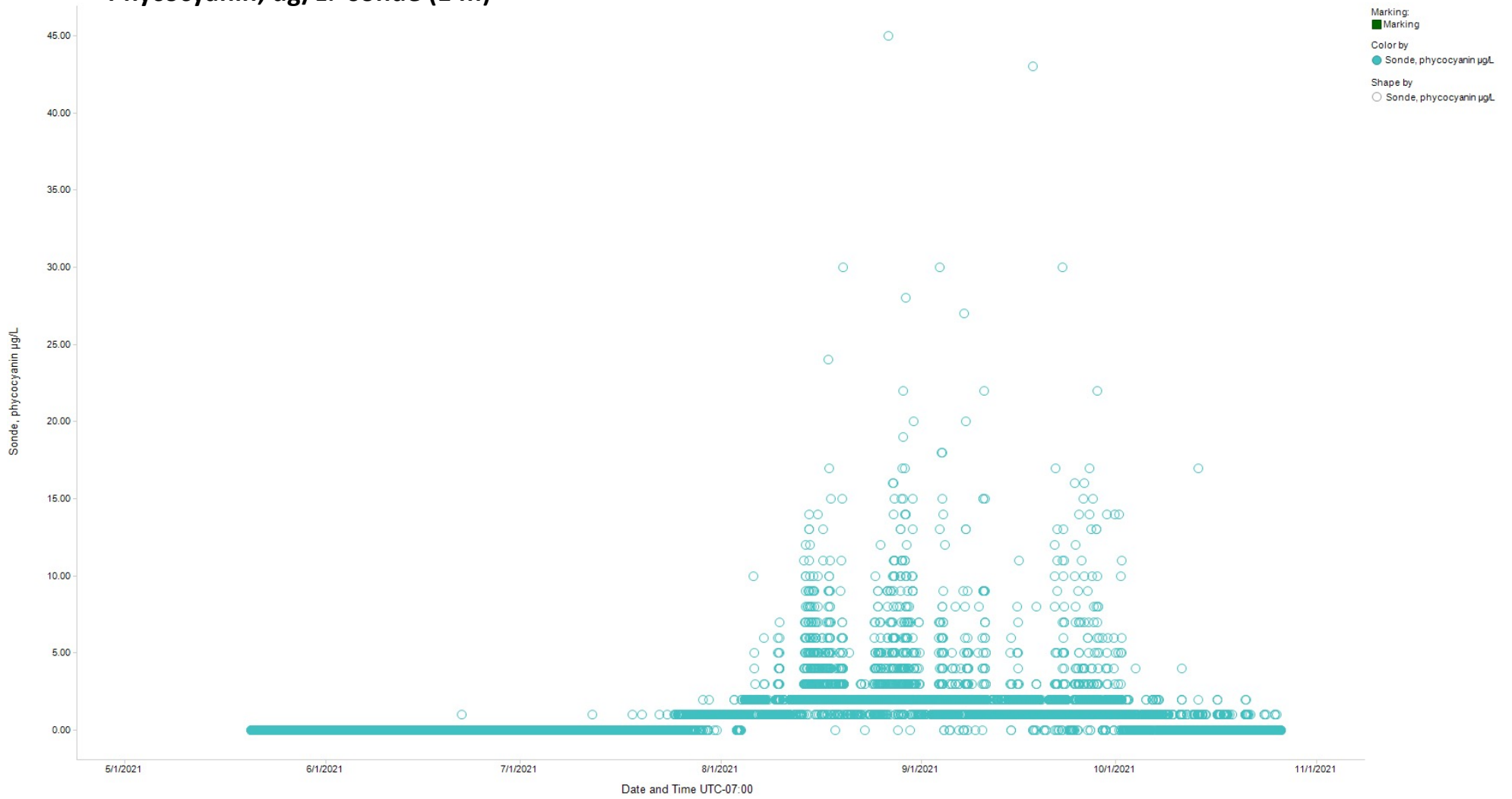
Zoom in



Total chlorophyll, ug/L: sonde (1 m), manual profiles



Phycocyanin, ug/L: sonde (1 m)



Total chlorophyll and phycocyanin, ug/L: sonde (1 m)

