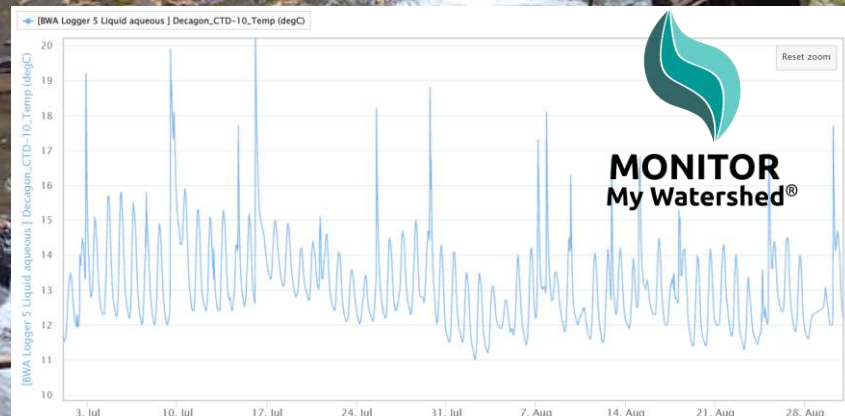


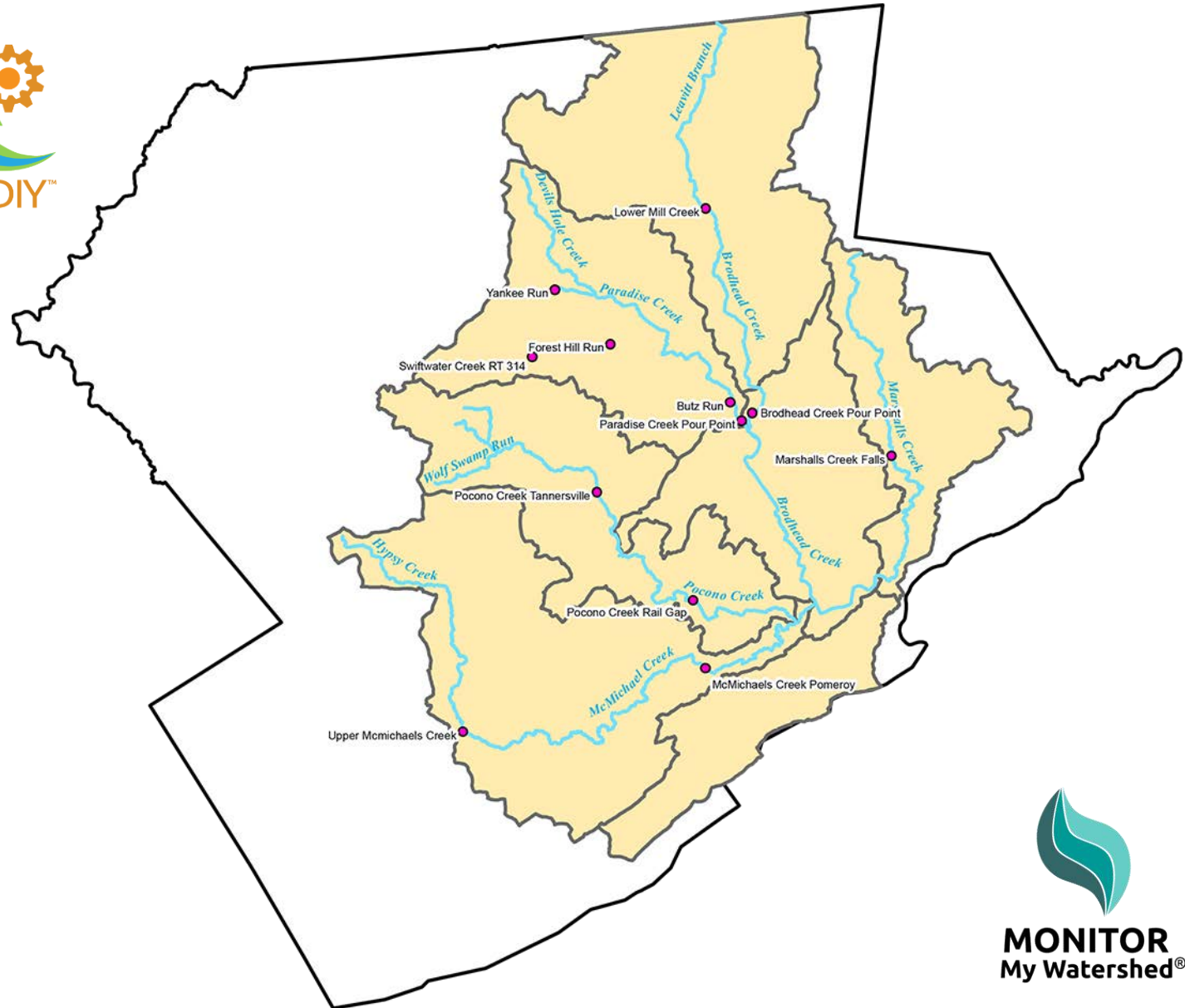
# Summer water temperature for 13 continuous monitoring locations in the Brodhead Watershed

Prepared by David Bressler (Stroud Water Research Center) for (Brodhead Watershed Association)  
Support from John Jackson (Stroud Water Research Center) and Keith Fritschie





# Map of twelve EnviroDIY stations



**MONITOR**  
My Watershed®

# Average Summer Water Temperature (60-day, July-Aug) – Coarse Trout Thresholds

- Red  $>21\text{ C}^{\circ}$  ( $70\text{ F}^{\circ}$ ) = **Non-Sustaining**



- Yellow  $19\text{-}21\text{ C}^{\circ}$  ( $66\text{-}70\text{ F}^{\circ}$ ) = **Stressful**

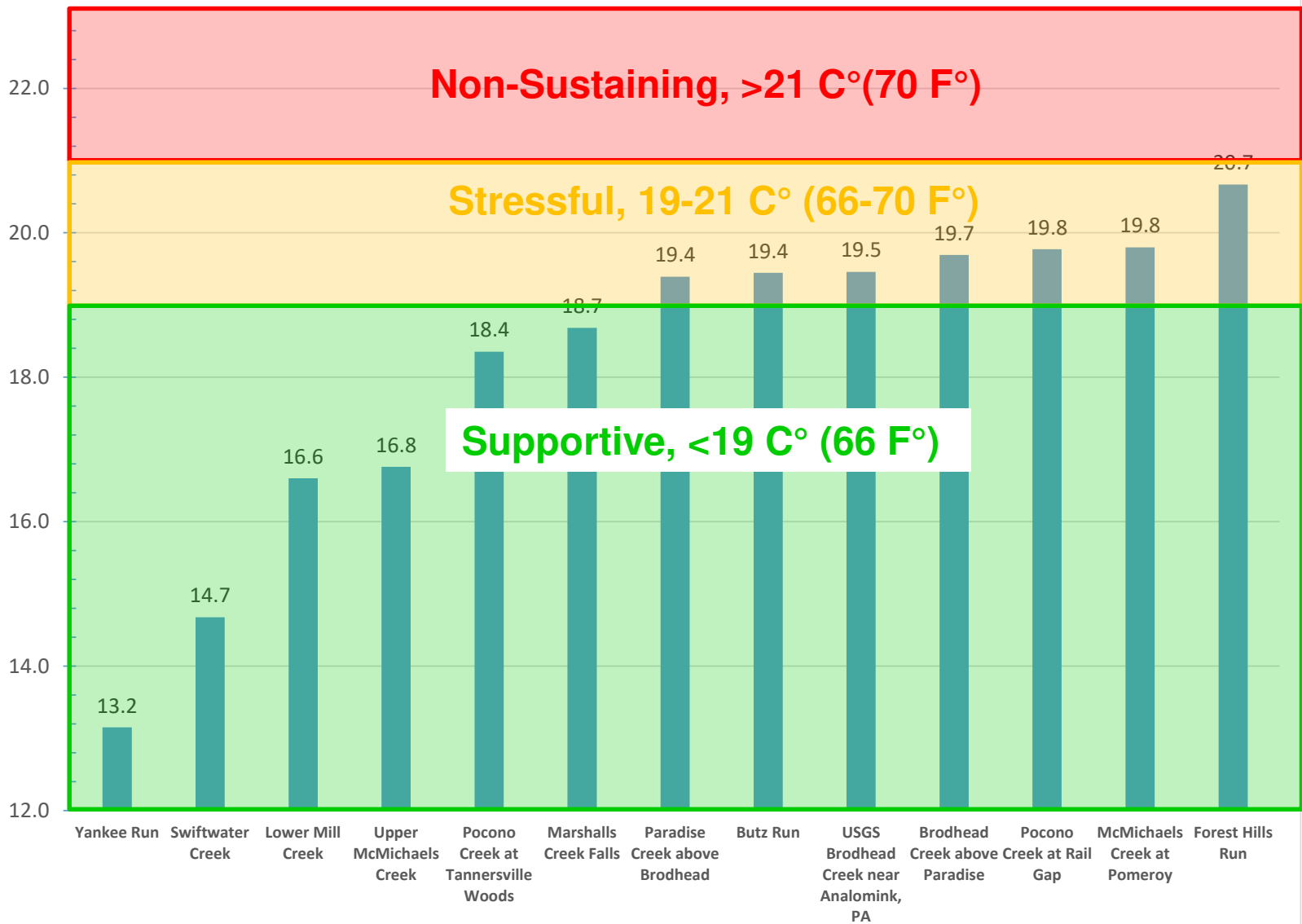


- Green  $<19\text{ C}^{\circ}$  ( $66\text{ F}^{\circ}$ ) = **Supportive**



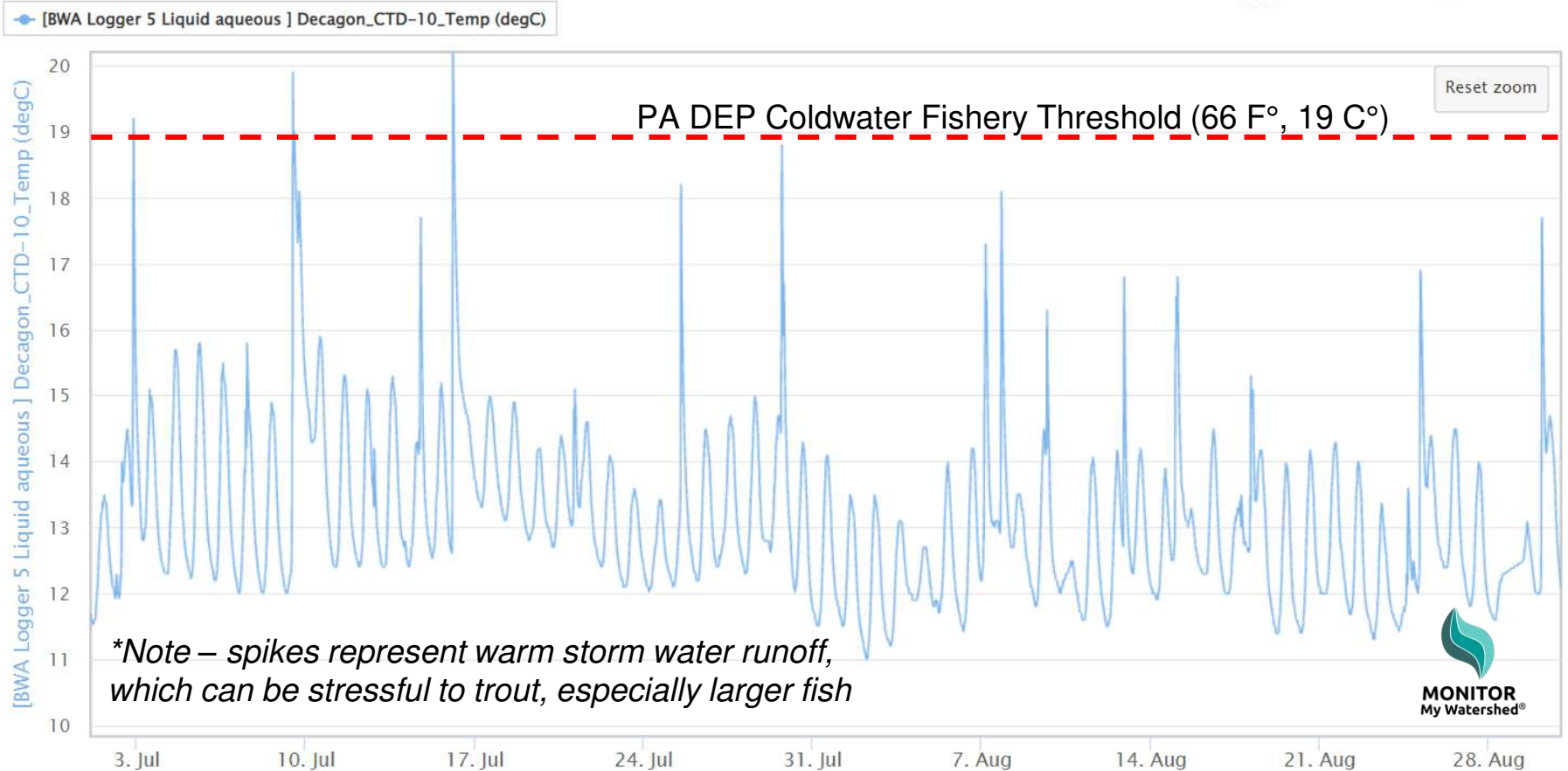
# Average Summer Water Temperature for 13 locations in Brodhead watershed (Year 2023)

Average Summer Water Temperature (C°)



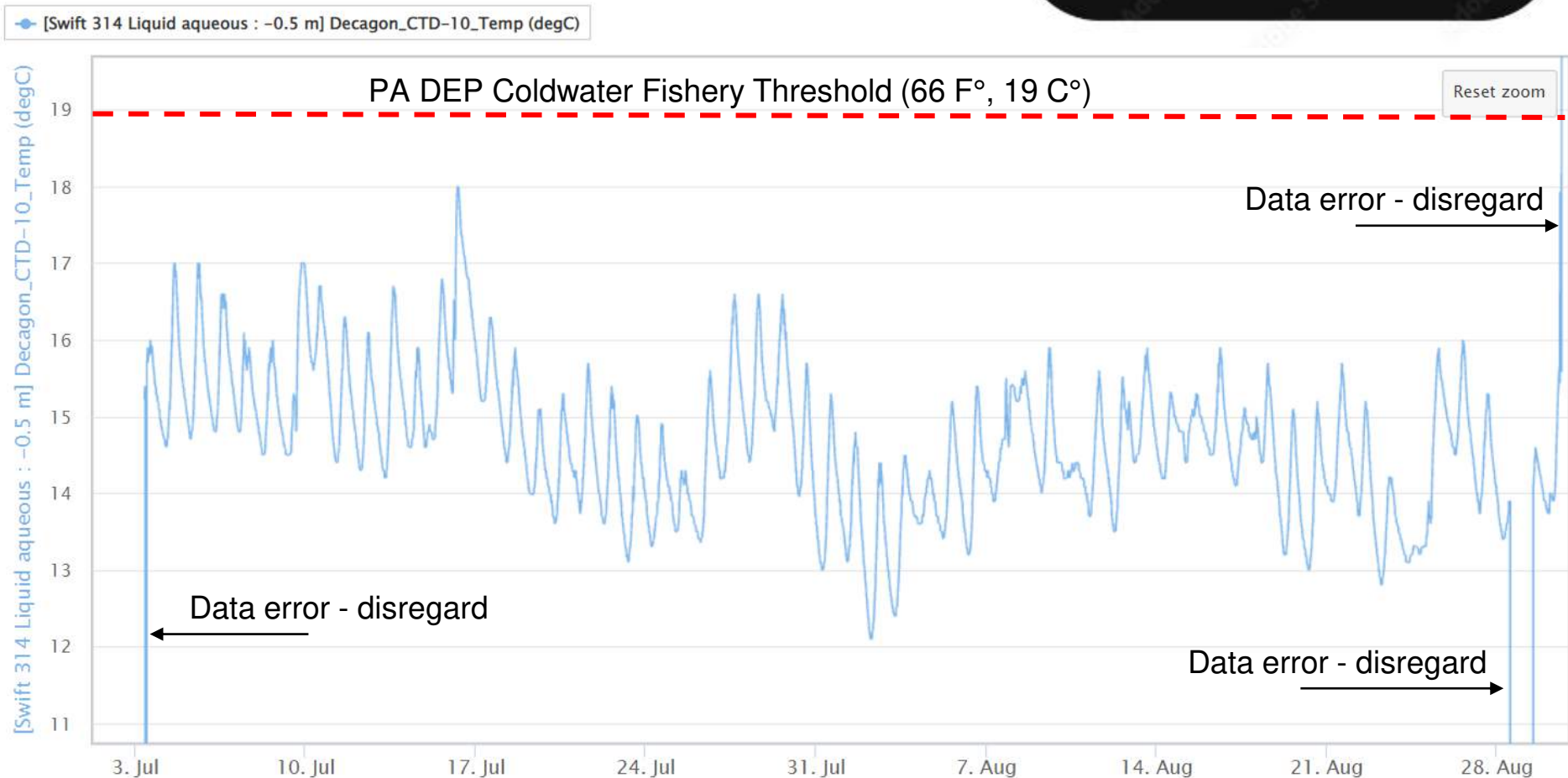
# Yankee Run (BWA Logger 5)

**Average Summer Water Temperature = 13.2 C°**



# Swiftwater Creek (Swift 314)

**Average Summer Water Temperature = 14.7 C°**

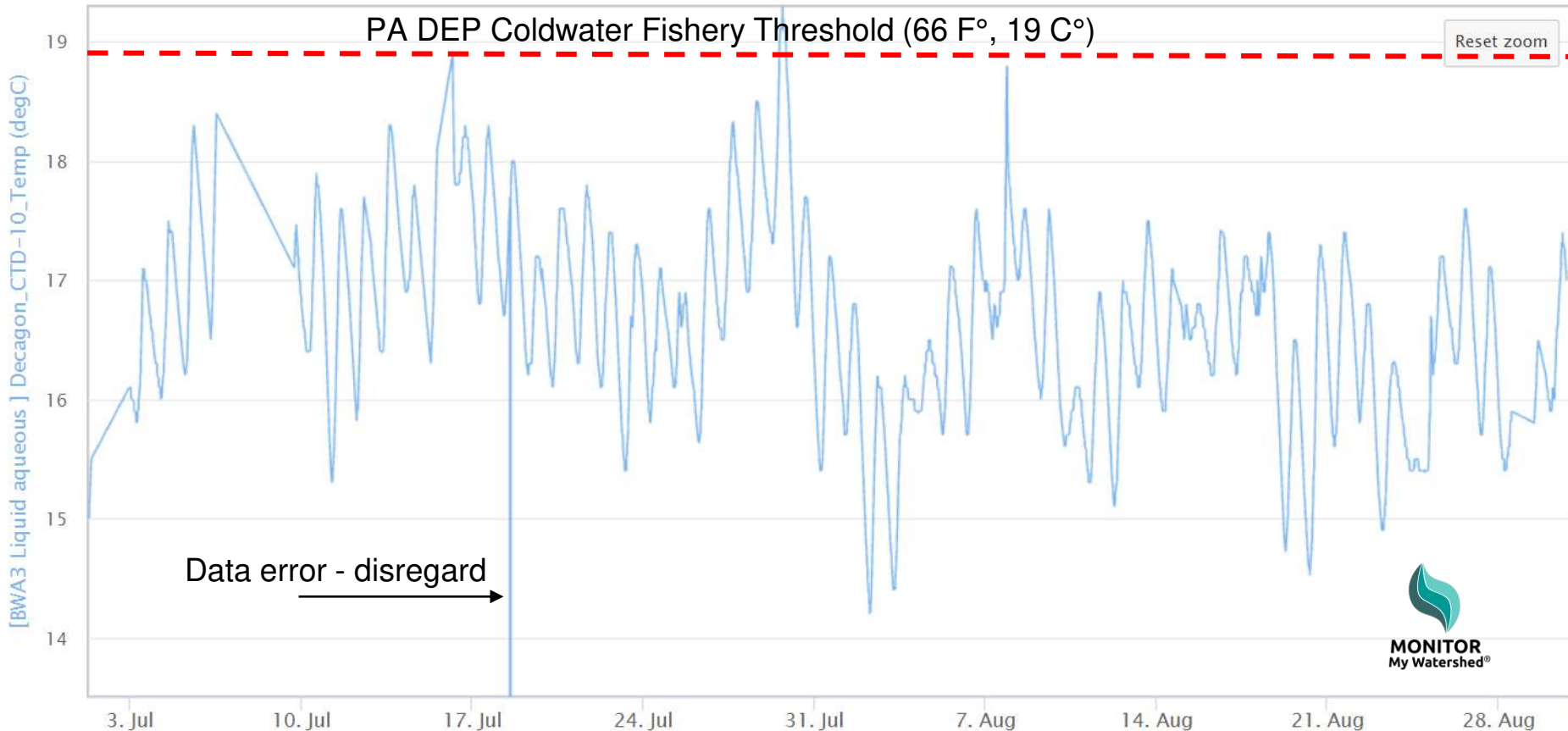


# Lower Mill Creek (BWA3)

**Average Summer Water Temperature = 16.6 C°**



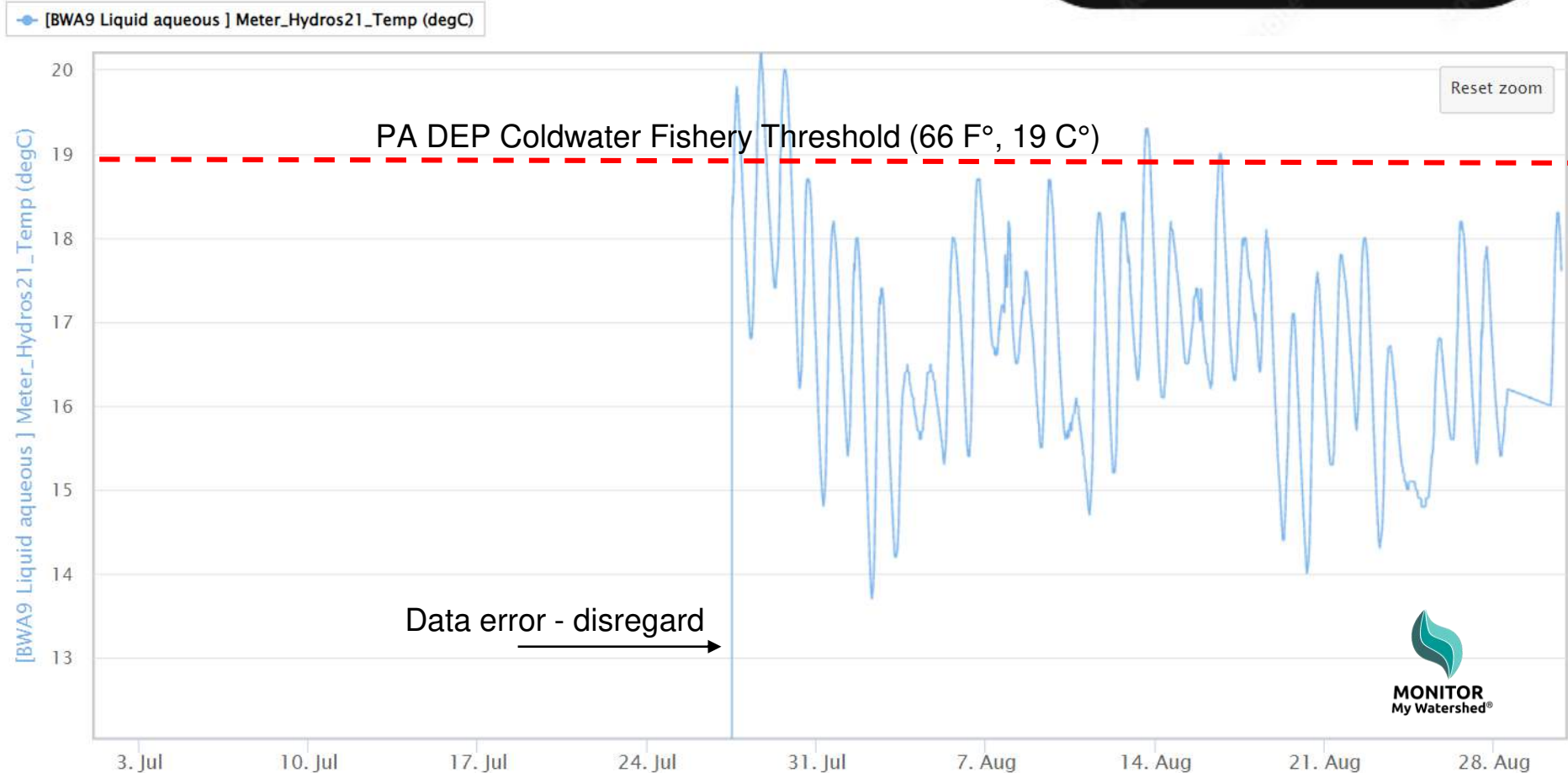
[BWA3 Liquid aqueous] Decagon\_CTD-10\_Temp (degC)





# Upper McMichael's Creek (BWA9)

**Average Summer Water Temperature = 16.8 C°**



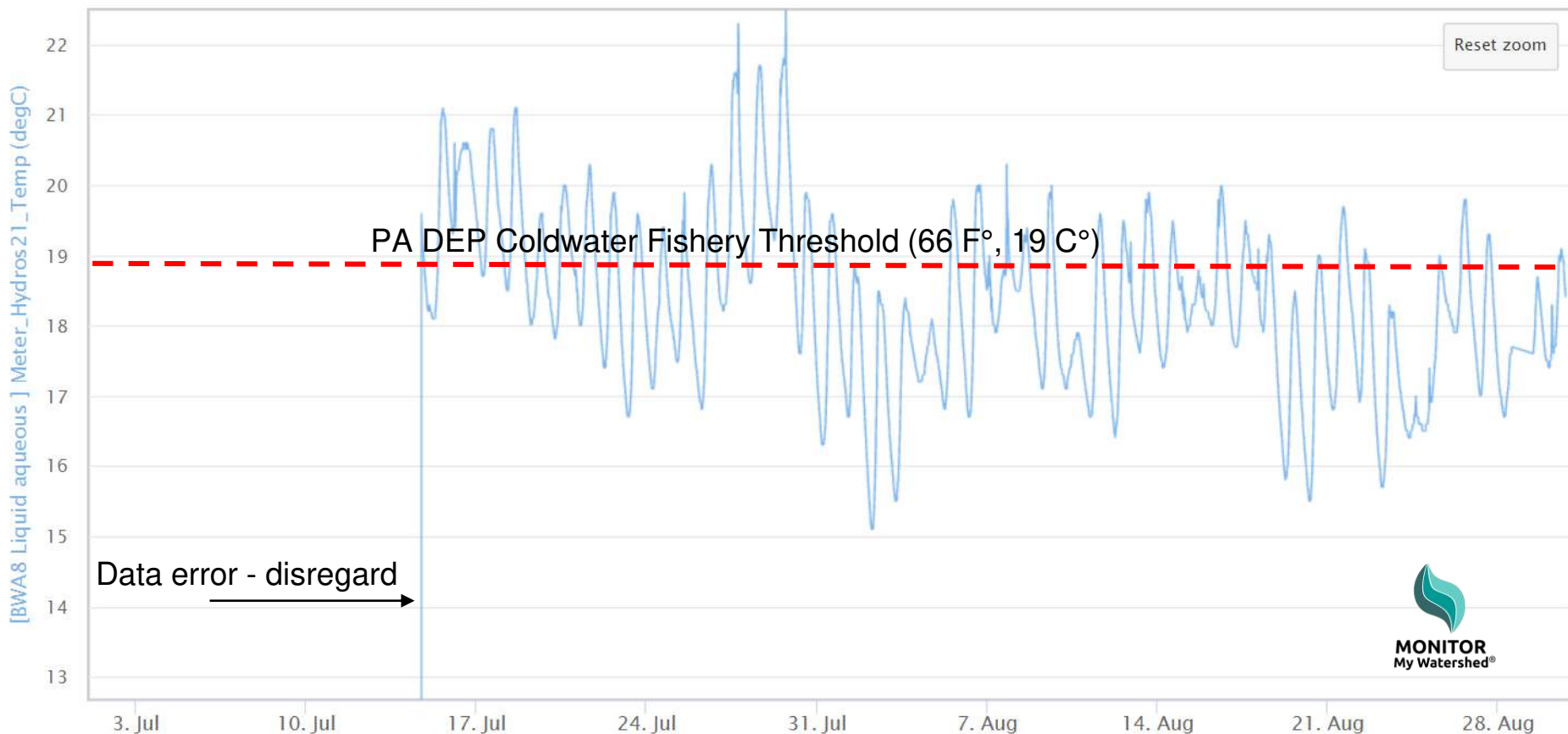


# Pocono Creek at Tannersville Woods (BWA8)

**Average Summer Water Temperature = 18.4 C°**

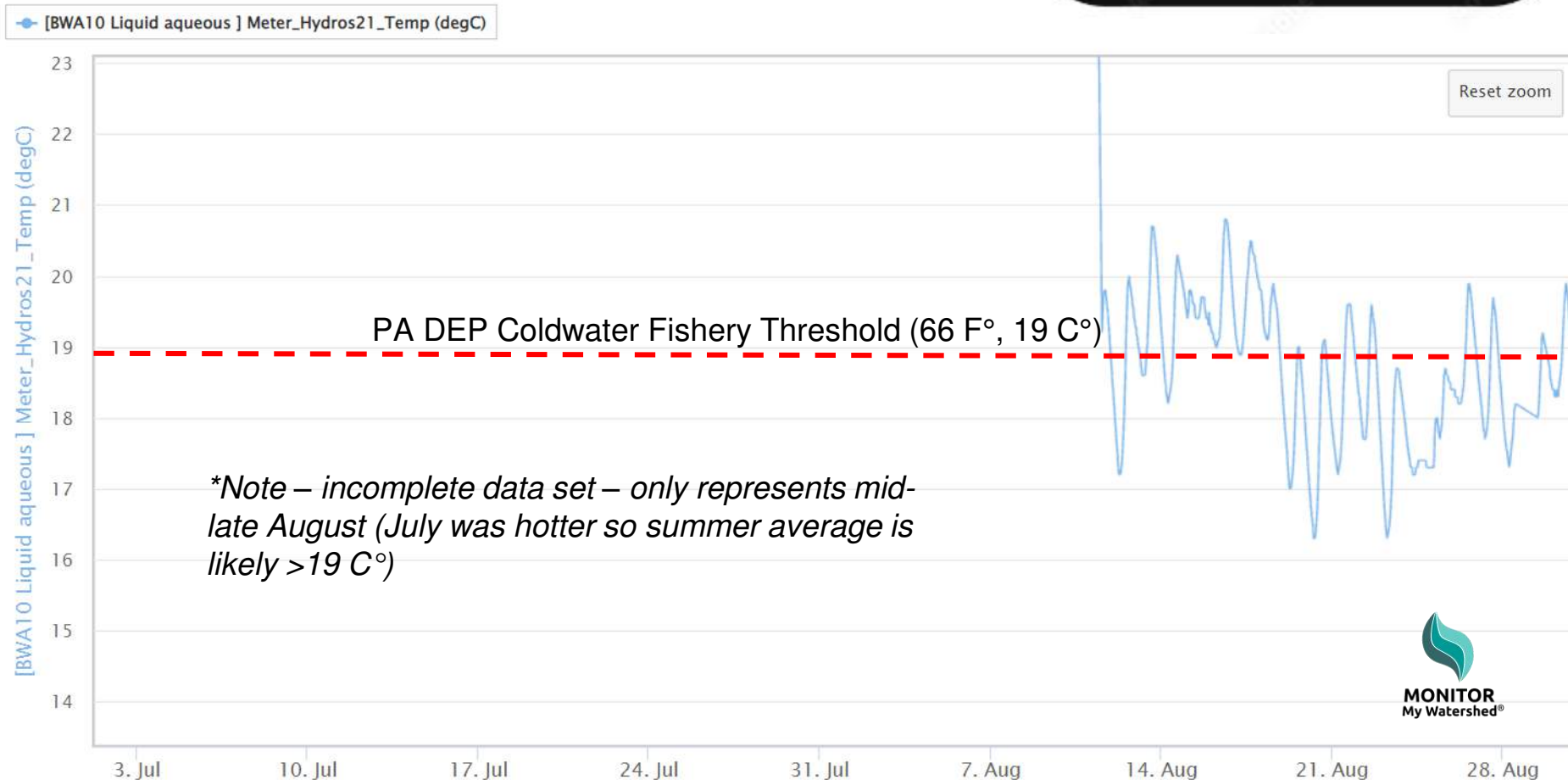


[BWA8 Liquid aqueous ] Meter\_Hydros21\_Temp (degC)



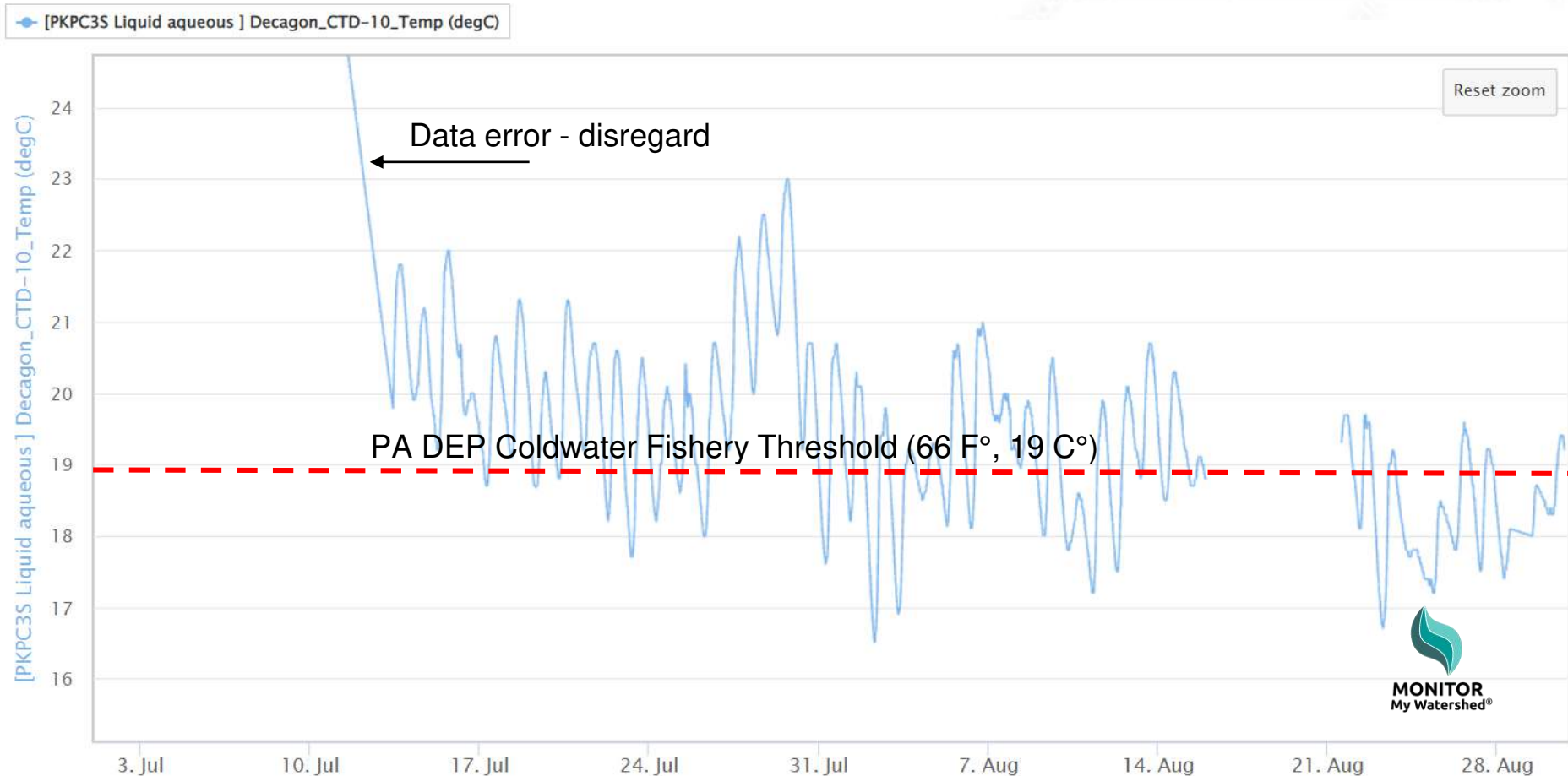
# Marshalls Creek Falls (BWA10)

**\*Average Summer Water Temperature = 18.7 C°**



# Paradise Creek above Brodhead (PKPC3S)

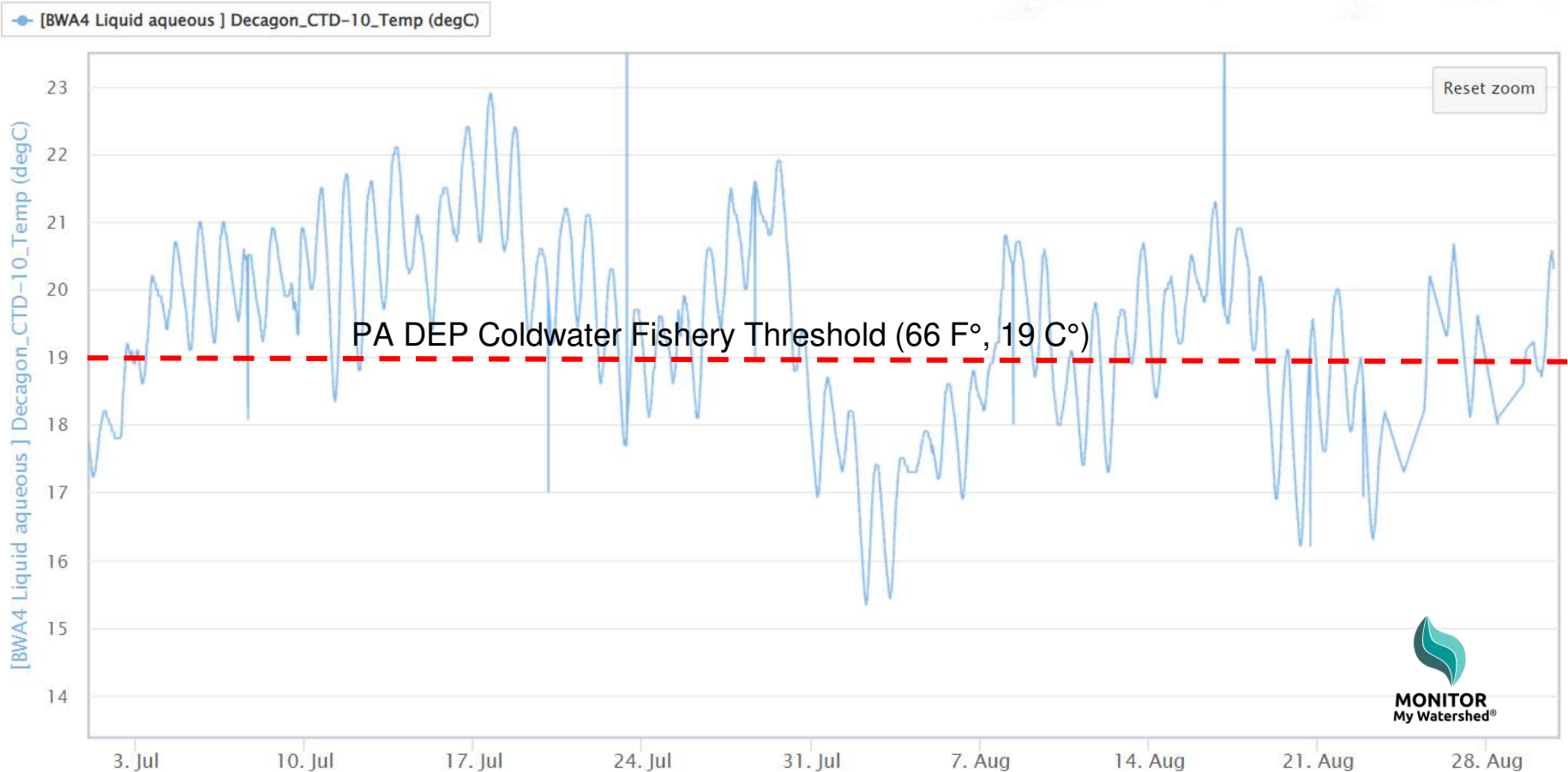
**Average Summer Water Temperature = 19.4 C°**





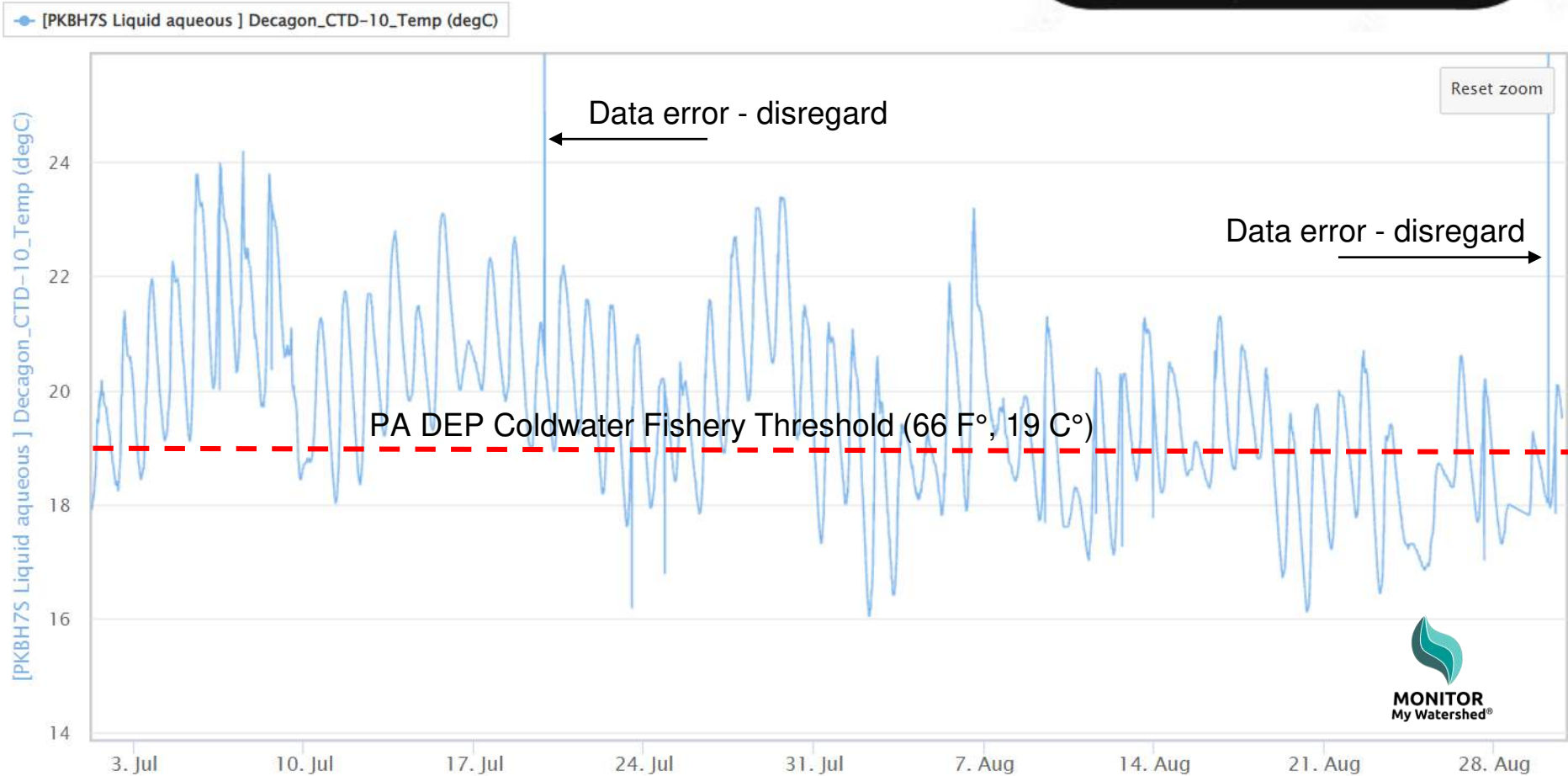
# Butz Run (BWA4)

**Average Summer Water Temperature = 19.4 C°**



# Brodhead Creek above Paradise (PKBH7S)

**Average Summer Water Temperature = 19.7 C°**

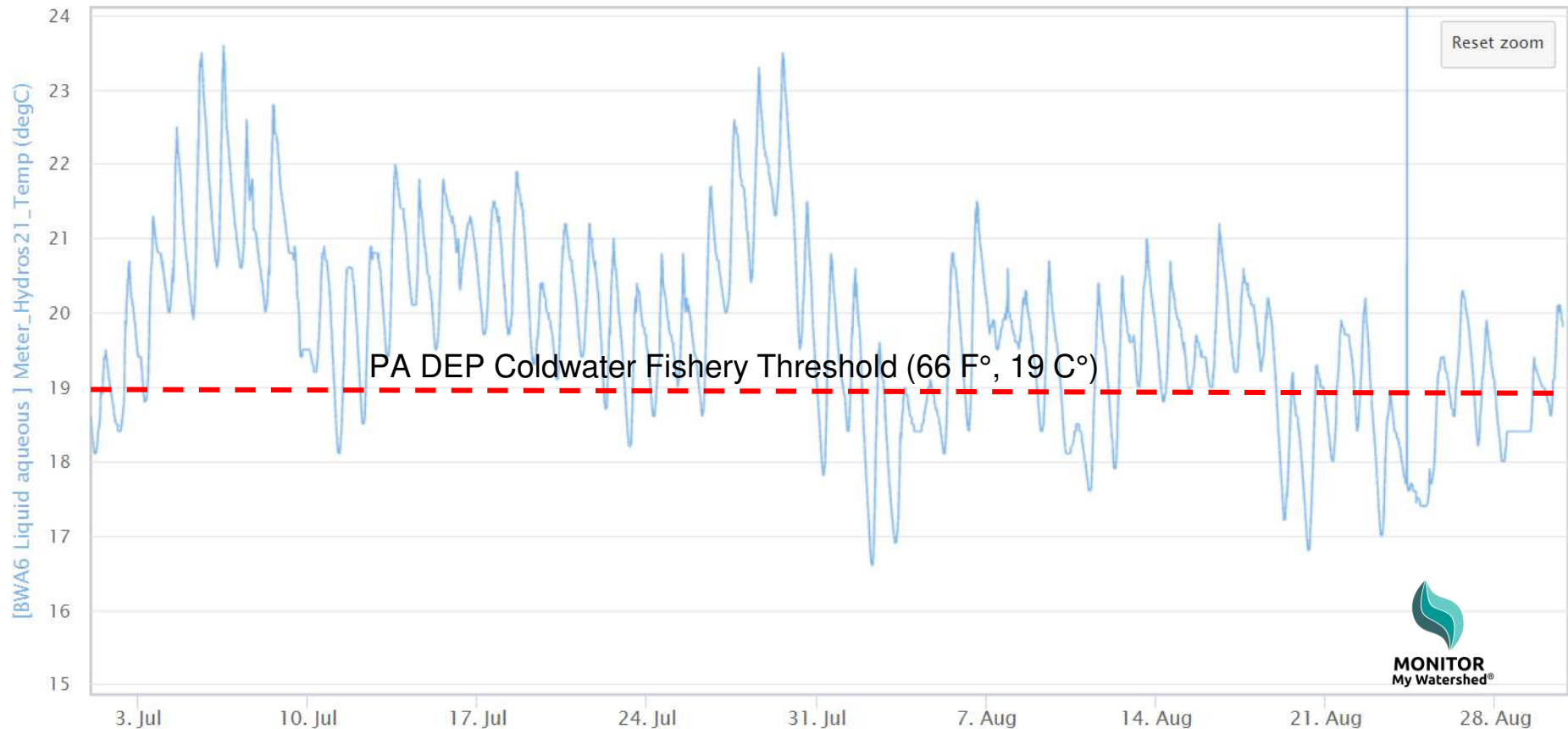


# Pocono Creek at Rail Gap (BWA6)

**Average Summer Water Temperature = 19.8 C°**



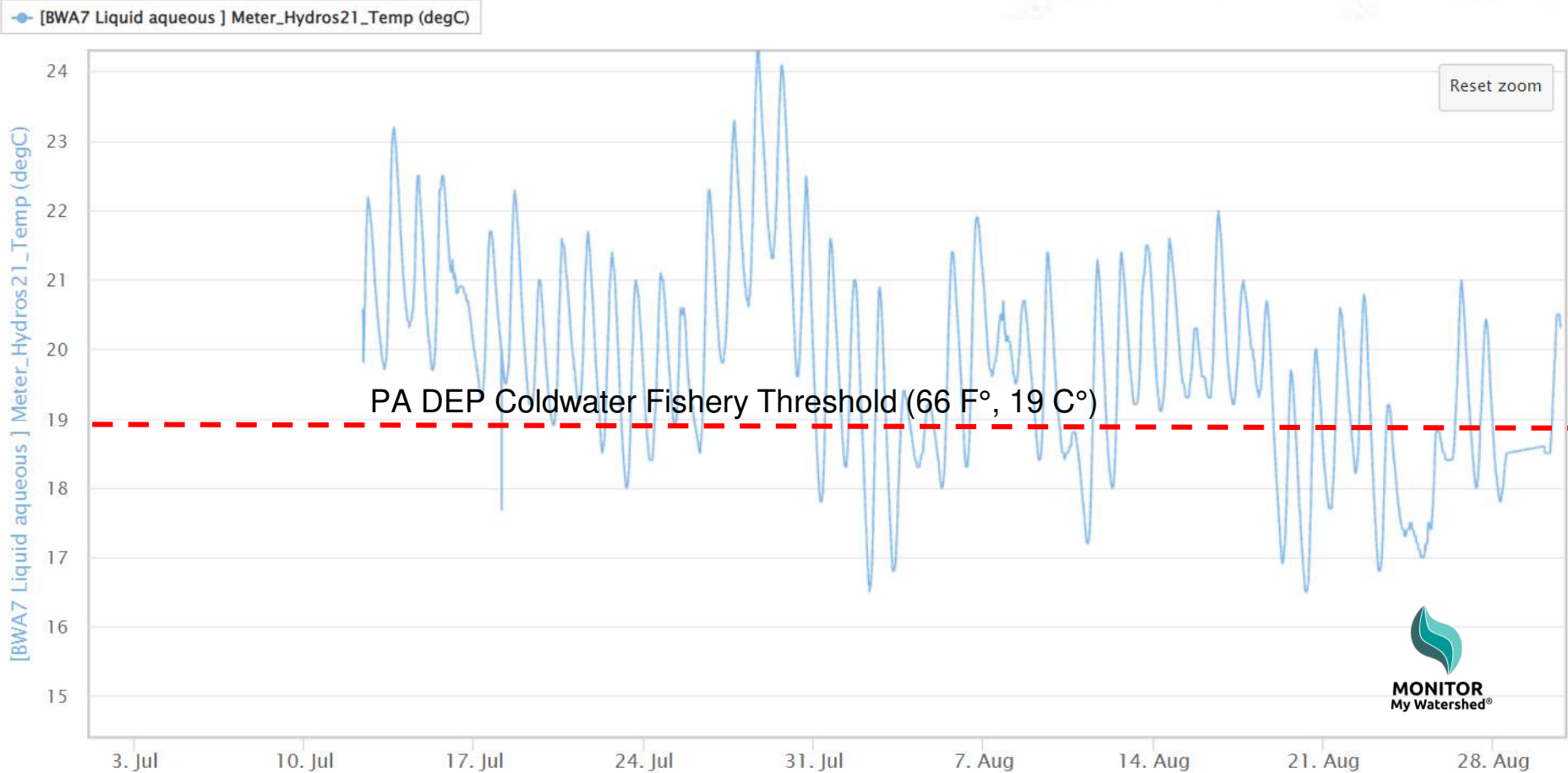
[BWA6 Liquid aqueous ] Meter\_Hydros21\_Temp (degC)





# McMichaels Creek on Pomeroy (BWA7)

**Average Summer Water Temperature = 19.8 C°**



# Forest Hills Run (BWA1)

**Average Summer Water Temperature = 20.7 C°**

