

TR@120 TURBIDITY SENSOR REPLACEMENT 9/28/20

Personnel: B. Maushund, R. Hallman

p.1

- Needed Needle Nose Pliers to free turbidity sensor from stilling tube due to rust & difficulty of access

Wiring Noted

White	-	C5
Black	-	G
Red	-	12V top

- Needed pipe wrench to loosen conduit from enclosure

- Necessary to minimize angles in wire to pull wire out of conduit

Staff Stage Reading: 2.472 @ 13:23

- Turbidity Sensor replaced, old one taken for factory calibration/service

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2 of 2 TES SNOW (continued)
Public Table (continued)

Pitlow_Depth: NAN B. Mansueto
SWE: NAN
Precip: NAN
AirTC: 14.11 °C
RH: 33.931%
WindSpeed: 1.2 mph
WindDirection: 199 deg
x WS: ~~1.2 mph~~ 1.5 mph
y WS: -1.2 mph
StaticSpeedSound: 757.4 mph
NetRad_Wm2: NAN
SirKW: 310.8241 KW/m²
VNC: NAN

...
Rain_in-Cum: 54.76683 in

NOTES:

- Batt voltage is sufficient for site @ 13.76 V,
- Batt voltage + status light suggest issue w/ TX320
- Did not send new program due to time limit (near 17:20)

TES SNOW Visit

9.15.20
16.20

Personnel: B Maushund

Objective: Investigate & diagnose reason
for telemetered transmission to
have gone totally offline
earlier today

- Also test new program
w/ pyrometer added

Notes:

- TX320 GOES Transmitter has a
short, single red flash of
"Status" light when hitting
"Diagnostics" button

- Data collected / prog downloaded
PUBLIC Table

RecNum: 1572573

Time Stamp: 9/15/2020 5:28:19 PM

*BattV: 13.75694V

Judd AirC: 13.75766°C

Judd AirF: 56.76379°F

Judd Depth: - 0.3272658 in

PSIG: 0 PSI

PT Temp-C: 0°C