

Daily Status 9/29

9/29/16

Summary: Heavy rain and flood conditions at high tide are expected to continue through tomorrow. Vbat levels will be taking a beating until this system passes. S9 TRH fan is showing 0 current and S15 mote is not sending data. No boat rides are possible due to weather conditions with small craft advisories in place.

Actions past 24 hours:

- Yesterday (9/28) Rain started around noon. Station 11's TRH was showing no current this morning so another boat ride allowed more boom angle measurements at several stations. Rad array domes cleaned at Stations 1, 9, and 15.

To dos:

- Reshoot all boom angles (just because...Have done most sites so far)
- Soil core samples (took some from S15, could redo S9, S1 waiting for a new Qsoil)
- Install TP01 when fixed
- Fix WWW plots that die too frequently

Sensor Status:

T/RH: Lots of issues: 42m now Ifan=0, don't know if this is real; S9 Ifan=0, don't know if this is real

P: ok; Pirga still lower by about 1mb

2D Gill: ok

csat u,v: ok

csat ldiag: ok

csat w, tc: ok

EC150: ok

motes: S15 not reporting despite restart of bluetooth software

Wetness: ok

radiation: ok

Tsoil: ok

Gsoil: ok

Qsoil: S9 and S15 ok; S1 is dead (a new EC-5 sensor may be coming from Boulder)

Cvsoil: still need to have John/Steve S come up with a fix (in Boulder)

Rainr: ok

Vbatt: ok