

Status Jan 28, 2011

Status evaluated from 36 hour plots on Jan 28 09:00-10:00 MST
On site: Semmer and Horst

Weather: overcast skies this morning, light winds

Summary: Replaced TRH at E Slope yesterday
W Valley not reporting due to Verizon disconnect
Same thing happened at Highland yesterday

ToDo: Take soil samples at 3 and 4
Fix comms at W Valley
Adjust shadow band at 7

Vdsm: ok, > 12.3 V
Vmote.rad: ok, > 12.5 V
Vmote.soil: ok, > 12.3 V

P: ok
Tbaro: ok
T: E Slope replaced yesterday
RH: ditto
Q: 3-4 g/kg
Rainr (3,4,6): ok, no tips
Spd (1,6): ok,
Dir (1,6): ok, currently S

csat diag: ok, spike at 5 corresponds to adjustment of wicks
spd: ok
dir: ok
u'u': ok
v'v': ok
w'w': ok
u*: ok
sigma_w/u*: ok

tc: ok
tc'tc': ok
w'tc': ok

kh2oV: ok, some apparently still wet
kh2o: ok
kh2o'kh2o': noisy
w'kh2o': ok

Rsw.in: ok
Rsw.out: ok
albedo: ok
Rsw.dfs (1,7): ok
Rsw.global (1,7): ok

RIw.in: ok
Rpile.in: ok
Tcase.in: ok
Tdome.in (1,2,5): ok

RIw.out: ok
Rpile.out: ok
Tcase.out: ok
Tdome.out (1,2,5): ok

soil.aux at E & W Slope (5,6)
Tsoil: ok, note that linear sensors at 5 & 6 do not agree with soil profiles
Qsoil: ok, up to 38 vol% at Playa
Gsoil: ok
Cvsoil: ok