

Status Jan 29, 2011

Status evaluated from 36 hour plots on Jan 29 09:15-10:10 MST
On site: Semmer and Horst

Weather: overcast skies this morning, light winds

Summary: large disagreement between two Tsoil probes at E Slope
shadow band at Riverton produced rabbit ear yesterday evening

Todo: Soil samples at 1 and 2

Vdsm: ok, > 12.3 V
Vmote.rad: ok, > 12.5 V
Vmote.soil: ok, > 12.2 V E Slope lowest

P: ok
Tbaro: ok
T: ok
RH: ok
Q: 3-4 g/kg
Rainr (3,4,6): ok, no tips
Spd (1,6): ok,
Dir (1,6): ok

csat diag: ok, spikes at E Slope around noon yesterday
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, all but 3 and 5 above 1 V
kh2o: ok
kh2o'kh2o': ok
w'kh2o': ok

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

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

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

soil.aux at E & W Slope (5,6)
Tsoil: very large difference between profile and linear probe at E Slope
Qsoil: ok, up to 38 vol% at Playa
Gsoil: ok
Cvsoil: ok