

Status, February 5, 2011

Status evaluated from 36 hour plots on Feb 5 9:00-9:30 MST
On site: Semmer and Horst

Weather: Overcast, light winds

Summary: E Slope TRH bad; some soil issues

Todo: Replace E Slope TRH

Vdsm: ok, > 12.2V

Vmote.rad: ok, > 12.5 V

Vmote.soil: ok, > 12.3 V E Slope main lowest

P: ok

Tbaro: ok

T: E Slope bad since noon yesterday

RH: ditto, warm, dry air at W Slope since 6 am

Q: ditto, 3.8 g/kg

Rainr (3,4,6): ok, no tips

Spd (1,6): ok

Dir (1,6): ok

csat diag: ok

spd: ok, highest at W Slope since 6 am

dir: ok, NW at W Slope since 6 am

u'u': ok

v'v': ok

w'w': ok

u*: ok

sigma_w/u*: ok

tc: ok

tc'tc': ok

w'tc': ok, negative at W Slope since 6 am

kh2oV: ok, 1,3,4 at 0.5-0.6 V

kh2o: ok

kh2o'kh2o': ok

w'kh2o': ok, positive at W Slope since 6 am

Rsw.in: ok

Rsw.out: ok

albedo: ok, ~0.15

Rsw.dfs (1,7): ok, SPN1 > Licor

Rsw.global (1,7): ok, ditto

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: noise at playa 1.9 cm; E Slope 4.4 cm recently recovered

Qsoil: playa drying to 35 vol%; w slope main bad

Gsoil: ok

Cvsoil: ok