

# Status, Feb 1, 2011

Status evaluated from 36 hour plots on Feb 1 15:15-15:50 MST  
On site: Semmer and Horst

Weather: Clear and cold with high winds

Summary: 3 hrs missing soil data at E Slope aux: 1/31 22:00 -> 2/1 01:00

Todo: work on shadowband at riverton and playa

Vdsm: ok, > 12.2V  
Vmote.rad: ok, > 12.6 V  
Vmote.soil: ok, > 12.2 V E Slope main lowest

P: ok  
Tbaro: ok  
T: ok, low = -12 degC at W Slope`  
RH: ok  
Q: ok, 0.75 g/kg  
Rainr (3,4,6): ok, tips this morning a Wslope and riverton  
Spd (1,6): ok  
Dir (1,6): ok, currently NE

csat diag: ok  
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 > 1 V this afternoon  
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, spread in readings at each pyranometer this afternoon

Rlw.out: ok  
Rpile.out: ok  
Tcase.out: ok  
Tdome.out (1,2,5): ok, (smaller) spread in readings at each pyranometer this afternoon

soil.aux at E & W Slope (5,6)  
Tsoil: ok, but spikes at 1.9 cm at Playa and 3 hrs missing data at E Slope aux  
Qsoil: ok, up to 38 vol% at Playa; 3 hrs missing data at E Slope aux  
Gsoil: ok, 3 hr missing data at E Slope aux  
Cvsoil: ok, missing data at E Slope aux