

# Status, February 2, 2011

Status evaluated from 36 hour plots on Feb 2 08:30-09:00 MST  
On site: Semmer and Horst

Weather: Clear and cold with light winds

Summary: Questionable precip tips  
3 hrs missing rad data at Riverton  
All Tsoil frozen  
4.4 cm Tsoil bad at E Slope  
Qsoil bad at W Slope main

Todo: work on shadowband at riverton and playa

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

P: ok  
Tbaro: ok  
T: ok, low = -18 degC at W Slope`  
RH: ok  
Q: ok, mostly < 1 gm/kg  
Rainr (3,4,6): ok, tips last night at all 3 sites; seems erroneous  
Spd (1,6): ok, down to 3 m/s at w Slope, less at Playa  
Dir (1,6): ok, currently N

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, 1-3 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, 3 hrs missing at Riverton  
Rpile.in: ok, ditto  
Tcase.in: ok, ditto  
Tdome.in (1,2,5): ok

Rlw.out: ok, 3 hrs missing at Riverton  
Rpile.out: ok, ditto  
Tcase.out: ok, ditto  
Tdome.out (1,2,5): ok

soil.aux at E & W Slope (5,6)  
Tsoil: 4.4 cm at Eslope has gone walkabout  
Qsoil: ok, W slope main has gone walkabout  
Gsoil: ok  
Cvsoil: ok