

Platteville Echo Probe Swapped. Logger Coefs for both sites

4June09 ~10:15-11:15MDT Site Visit Platteville

Echo Probe swapped (these have no serial numbers): Previous unit was reporting negative values per TH. From raw file data from 'yesterday' was

182,1,12.27,0,15.173,0,-56.044,-4.6824,-2.2093,83191,8.9592,8.844,9.7848,9.6367,13.517,39.416,435.39,1.2594,0,0,-9999

where vqsoil,qsoil is '435.29,1.2594' Note the rsw values appear odd in that....

New unit per rserial is reporting messages like this:

182,1,13.24,0,464.1,0,-47.208,23.373,820.48,127.9,19.809,20.507,17.573,17.611,19.076,-61.372,423.8,.45439,0,0,-9999

182,1,13.24,0,513.61,0,-45.46,24.308,1005.7,152.81,19.809,20.603,17.573,17.632,19.055,-61.26,423.8,.45439,.00335,0,-9999

where the vqsoil/qsoil is the '423.8,.45439' versus '435.39,1.2594' above. Meanwhile Mars is reporting:

166,2,11.55,0,521.44,0,-88.63,29.675,820.27,127.64,1.0656,23.434,1.1063,22.442,23.388,-86.93,509.36,6.4007,.02996,0,-9999\r\n

166,2,11.56,0,539.42,0,-88.63,29.675,867.57,131.35,1.0656,23.434,1.1066,22.435,23.368,-86.806,508.69,6.3538,.02996,0,-9999\r\n
with vqsoil, qsoil '508.69,6.3538'

So it appears maybe all these qsoils are about the same so I'm not convinced it is fixed....checking logger coef.....

Calib. Coefs in loggers: Location 45,46,47 are for the Qsoil and are the same for both loggers....guess we'll just need to keep an eye on it...

Loc	Mars (KZ rlw)	Platteville (Eppley)
00	9.3500	9.07
01	11.550	11.17
02	88.735	261.2
03	127.33	279.33
04	50.025	82.372
05	101.42	82.713
06	37.300	33.4
07	0.0000	0
10	3.3540	2500
11	.27863	3.355
12	3.8218	.27939
13	416.85	3.3965
14	3.3548	201.02
15	.27920	2500
16	3.9270	3.0525
17	369.96	.27065
18	-242.31	3.5168
19	232.22	176.02
20	9.7725	2500
21	-29.000	3.3547
22	.0695	.27943
23	0.0000	.39488
24	180.00	215.98
25	2.0000	2500
26	0.0000	3.0529
27		.27012
28		3.4497
29		189.98
30		-241.39
31		232.29
32		9.3211
45		-29
46		.0695
47		0
50		180
90		0
99		