

Tsoil.c oddness

Below is a short segment from mote_dump 11,42 with only Tsoil data. Note that values of 94.4x cycle through each soil depth measurement about every 6 samples. I don't yet know whether this is a Mote, Sensor, Software, or interference issue. Other sensors on this mote don't exhibit this behavior. Clearly, these "spikes" are easy to remove, so I won't worry about it excessively.

2012 10 05 04:03:42.9490	0 11,0xaa23	16	94.44	6.09	7.44	8.34
2012 10 05 04:03:43.9481	0 11,0xaa23	16	4.27	6.09	7.44	8.34
2012 10 05 04:03:44.9409	0 11,0xaa23	16	4.27	6.09	7.44	8.34
2012 10 05 04:03:45.9333	0 11,0xaa23	16	4.27	6.09	7.44	8.34
2012 10 05 04:03:46.9452	0 11,0xaa23	16	4.27	6.09	7.44	8.34
2012 10 05 04:03:47.9494	0 11,0xaa23	16	4.27	6.08	7.44	8.34
2012 10 05 04:03:48.9374	0 11,0xaa23	16	4.27	6.08	7.44	94.48
2012 10 05 04:03:49.9325	0 11,0xaa23	16	4.27	6.08	7.44	8.34
2012 10 05 04:03:50.9556	0 11,0xaa23	16	4.27	6.08	7.44	8.34
2012 10 05 04:03:51.9416	0 11,0xaa23	16	4.27	6.08	7.44	8.34
2012 10 05 04:03:52.9437	0 11,0xaa23	16	4.27	6.08	7.44	8.34
2012 10 05 04:03:53.9469	0 11,0xaa23	16	4.27	6.08	7.44	8.34
2012 10 05 04:03:54.9419	0 11,0xaa23	16	4.26	6.08	94.46	8.34
2012 10 05 04:03:55.9379	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:03:56.9471	0 11,0xaa23	16	4.27	6.08	7.44	8.34
2012 10 05 04:03:57.9372	0 11,0xaa23	16	4.27	6.08	7.44	8.34
2012 10 05 04:03:58.9442	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:03:59.9304	0 11,0xaa23	16	4.26	94.43	7.44	8.34
2012 10 05 04:04:00.9344	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:01.9574	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:02.9295	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:03.9566	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:04.9329	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:05.9278	0 11,0xaa23	16	94.44	6.08	7.44	8.34
2012 10 05 04:04:06.9958	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:07.9301	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:08.9280	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:09.9381	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:10.9363	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:11.9353	0 11,0xaa23	16	4.26	6.08	7.44	94.48
2012 10 05 04:04:12.9273	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:13.9513	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:14.9475	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:15.9566	0 11,0xaa23	16	4.26	6.08	7.44	8.34
2012 10 05 04:04:16.9329	0 11,0xaa23	16	4.26	6.08	94.46	8.34