

Sensor Serial Numbers and Boom Angles

As we're setting up we'll put in the numbers we're recording...

Note St9 is slightly different because we didn't notice until later that the compass had a previous non-zero deviation cranked in, which we subsequently removed and took the 'correct reading'. ie. all compass readings are with respect to a '0-degree' deviation angle.

Note: Sonic angles are looking into the boom. ie the sensors are pointing to the northeast roughly toward the wind generator.

Note: Gill angles are looking from the boom to the SE. The red dot is oriented pointed toward the boom, ie 180+reading.

CHECK/EDIT: Note Comms (8/19): It's possible that cell coverage is more spotty on the west side of the network and links may not be as good. At one point we thought Vipers had a unique problem connecting but on 8/19, site 2 came up just fine, whereas sites on the west have had significantly more drops.

Readings by Steve&Andy starting 9/23 using the binoculars.

Site	Date	CPU	CSAT s/n	CSAT height	CSAT boom	Gill s/n	Gill boom		Notes
1	8/22	T	536	3.155	219 218 219	15360 06	130 127 127	B1	
2	8/19	V	539	3.16	224 222	15360 04	135 134	-	Removed baro per SteveO
3	8/19	T	671	3.14	223 221	15360 11	134 310	B7	Sites 2,3 can be accessed using john boat up canal except +/- 1 hour or more (1.5) from low tide. Both sites very wet/standing water at high tide.
4	8/18	T	672	3.16	226 227	15360 07	320 (140) 136	-	no Pmon cable.
5	8/20	T	674	3.14	227 222.5 223	14220 17	138 135 138	-	Light blue values added on 10-26-2016
6	8/23	T	673	3.15	226 225	13360 44	318 (138) 139 137	-	The PV stand got marsh water on it above the 'top' connector panel; sprayed/lubed but watch this maybe
7	8/23	V	800	3.138	223 221	13350 16	136 136	-	Viper bootup speed system services issues here. /media/usbdisk mounted but there data recording did start until we remove/re-installed the disk when the dsm was up. Ditto for the usb cell modem
8	8/22	T	540	3.11	225 222 222	13350 17	131 135 128 127	-	Blue values were measured on 10/12 (tripod may have been the issue, had some affect on the compass reading)
9	8/15	T	853	3.13	210 210	15360 09	120 118	-	
10	8/15	T	856	3.16	226 223.5 226.5	13360 43	138 133 135.5	-	
11	8/16	V	855	3.16	220 221	15360 10	130 133	-	Cell modem was started up by Gary's technique of unplugging and replugging it in and then the cdc_ether services / eth1 came up and established cell connectivity.
12	8/17	T	537	3.135	228 226 224	15360 08	141 136 131	-	No PwrMon cable. 8/23: Gill 2D was bad because of the bad cable. Swapped it and put the sensor back on port 4 after presumably DrO. reassigned it to 6. ie locally edited vertes.xml back to '4'

