

University of Connecticut: Compiled Quality Control Notes for
CASES-99

DATE	HOUR (UTC)	NOTES
01 Oct 1999	1430	5.0m sonic data first available
01 Oct 1999	1814	closed sheaths on films faulty 5m hot film
01 Oct 1999	2113	sonic not yet functional checked sonic connections 1.5m
02 Oct 1999	1850 - 2014	reinsulated probe connections
03 Oct 1999	1500	booms found to be sagging slightly downward in east (boom) direction
03 Oct 1999	1615	reset reference voltages
04 Oct 1999	1520	Both anemometers online
05 Oct 1999	0000 - 0020	Both sonic anemometers offline
05 Oct 1999	1600 - 1915	Both sonic anemometers offline. Began checking wiring
05 Oct 1999	1740	re-leveled all films and set bridge to run at zeroing circuit removed
05 Oct 1999	1820	zeroing circuit removed
05 Oct 1999	2020 - 2155	Both sonic anemometers offline
05 Oct 1999	2130	5m tower down
05 Oct 1999	2130 - 2300	replaced 5m hot film (74109 in place of 65260)
05 Oct 1999	2415	5m tower down back up
06 Oct 1999	0030 - 0100	Both sonic anemometers offline
06 Oct 1999	1712	zeroing circuit reattached
06 Oct 1999	1857	zeroing circuit removed
07 Oct 1999	1804 - 1809	reset reference voltages
07 Oct 1999	1811 - 1812	zero wind calibration
09 Oct 1999	1600 - 2200	Tried to find spiking problem**
09 Oct 1999	2020 - 2030	5.0m sonic anemometers offline
09 Oct 1999	2215	changed timing of zero circuit relative to sampling of sensors**
10 Oct 1999	1645 - 1740	Reprogrammed timing on sheath zero wind calibration Data probably not affected.** We will have to interpolate to derive missing Enots
11 Oct 1999	2059	Enot values were derived by interpolation of 1959 and 2159.
12 Oct 1999	1255 - 1340	Both sonic anemometers offline
12 Oct 1999	2115 - 2150	Power failure?
13 Oct 1999	0545 - 1615	Both sonic anemometers offline

15 Oct 1999	???? - ????	SheathFile shows data sampled at 20Hz?
16 Oct 1999	2000 - 2112	The signals from the hot film sheath were down for a test of an analog breakout box.**
16 Oct 1999	1500 - 2700	Bad film 5m hot film (vu.hf.5m) data**
17 Oct 1999	2100 - 2130	Hot film down. All sensors are leaning slightly to the north (i.e. level bubble still in central circle)**
17 Oct 1999	2230 - 2400	Both sonic anemometers offline
19 Oct 1999	1750 - 1755	tried to blow the cobwebs off the cold film and triple film at 1.5m (partially successful)**
19 Oct 1999	1800 - 1900	Moved all 1.5m instrumentation down to 0.5m. Re-leveled sensors. Sonic wouldn't level completely. Leaning sideways slightly (top toward true north). It appears that the weight of the hot film holders on that side has bent the arm slightly. Had to remove the tube from Spanish teams' pressure sensor to lower the arm**
19 Oct 1999	1844	Reset all reference voltages to 5.00 Volts**
21 Oct 1999	1610 - 1620	reset all reference voltages to 5.00 Volts**
21 Oct 1999	1706 - 1707	Zero wind calibration**
24 Oct 1999	0810 - 1430	Both sonic anemometers offline
24 Oct 1999	1700 - 1706	reset reference voltages
25 Oct 1999	1811 - 1814	reset reference voltages
25 Oct 1999	1815 - 1816	zero wind calibration
27 Oct 1999	2237 - 2245	reset reference voltages
29 Oct 1999	~2200	end of OPS

** represents notes found on
<http://www.atd.ucar.edu/sssff/projects/cases99/logbook/>

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