

Post Cal - barometers

The 10 Vaisala barometers have been post-cal over the range of 790mb to 850mb in 11 steps.

At each level 30 data points were collected and averaged. The ParoScientific was used as the reference. The table below shows the results.

Sensor	mean error (mb)	stdev (mb)		
B1	.217	0.009643		
B2	-.022	0.022461		
B4	-.017	0.008821		
B5	-.016	0.011472		
B6	-.053	0.008349		
B7	.005	0.005977		
B8	-.051	0.010317		
B9	-.011	0.011812		
B10	-.001	0.009677		

4 ParoScientific nano barometers were deployed in SCP. A post-cal was conducted over the range of 790mb to 840mb in 7 steps. 30 data points were collected at each level.

Sensor	mean error (mb)	stdev (mb)
123997	0.1563	0.161
123998	0.1930	0.184
123996	0.1974	0.184
122850	0.3316	0.184

NOTE: 122850 was involved in the lightning strike.