

Parameter	Sensor	Accuracy of Sensor	Operating Range	Temperature Dependence
T_a	Campbell Scientific Viasala HMP45C: 1000 ohm Platinum Resistance Thermometer	$\pm 0.5^\circ\text{C}$ (-40°C), $\pm 0.4^\circ\text{C}$ (-20°C), $\pm 0.3^\circ\text{C}$ (0°C), $\pm 0.2^\circ\text{C}$ (20°C), $\pm 0.3^\circ\text{C}$ (40°C), $\pm 0.4^\circ\text{C}$ (60°C)	-39.2° to $+60^\circ\text{C}$	n/a
RH	Campbell Scientific Viasala HMP45C: Vaisala's HUMICAP® H-chip	At 20°C (field- calibrated against references): $\pm 2\%$ (0% to 90% RH); $\pm 3\%$ (90% to 100% RH)	0% to 100%	$\pm 0.05\%$ RH / $^\circ\text{C}$
w_s	Campbell Scientific MetOne 034B Windset	$\pm 0.12 \text{ ms}^{-1}$ ($\pm 0.25 \text{ mph}$) for wind speed < 10.1 ms^{-1} (22.7 mph) $\pm 1.1\%$ of reading for wind speeds > 10.1 ms^{-1} (22.7 mph)	0 to 75 m s^{-1}	n/a
w_d	Campbell Scientific MetOne 034B Windset	$\pm 4^\circ$	0 to 360°	n/a
S_i	Kipp and Zonen CMP 3 Pyranometer	Accuracy of bubble level: $< 0.2^\circ$	0 to 2000 W m^{-2}	$-40 - +80^\circ\text{C}$
ppt_a	Pair of modified Belfort Universal Gauges	0.5% of full scale	0 to 500 mm capacity	n/a

z_s	Judd Ultrasonic Snow Depth Sensor	± 1 cm or .4 % distance to target	0.5 to 10 m	$\pm .5^\circ\text{C}$, -40 to +85°C
T_g	Stevens Hydra Probe Sensor	+/- 0.6 from -30 to 36 °C	-30 to 65 °C Temperature Range	n/a
s_m	Stevens Hydra Probe Sensor	+/- 0.03 m ³ m ⁻³	Completely dry to fully saturated	n/a