

| Variable | Sensor | Uncertainty | Aggregation |
|--------------------------------------|----------------------------|-----------------------------|-------------|
| Air temperature | Vaisala HMP35C | ± 0.4 K | Average |
| Relative humidity | Vaisala HMP35C | ± 3 % | Average |
| Incoming SW radiation | Campbell Scientific CS300 | ± 5 % | Average |
| Reflected SW radiation | Campbell Scientific SP1110 | ± 5 % | Average |
| Rainfall | RM Young 52203 | ± 2 % | Total |
| Wind speed | RM Young 05103 | ± 0.3 m s ⁻¹ | Average |
| Wind direction | RM Young 05103 | n.a. | Sample |
| Snow-surface lowering (reference) | Campbell Scientific SR50 | ± 1 cm | Sample |
| Surface temperature | Campbell Scientific IRTS-P | ± 0.3 K | Average |
| Snow-surface lowering (tephra plots) | Campbell Scientific SR50A | ± 1 cm | Sample |