**Weather Station Metadata Information Sheet**

last updated (dd mmm yyyy): 15 Dec 2016

Station Name:

Begin Monitoring Date (dd mmm yyyy):

End Monitoring Date (dd mmm yyyy):

Station currently operational:

**Site Location and Characteristics**

Latitude (degrees and decimal degrees):

Longitude (degrees and decimal degrees):

Elevation (m):

Slope (if any):

Aspect:

Terrain position (valley bottom, hilltop, slope etc):

ground cover:

Distances to edge of opening or obstructions (m):

Ground cover type beyond edge of opening:

Pictures of site available:

Other notes on the site:

**Methods**

Station type:  if other please specify:

*For manual stations only:*

Time of day for observations:

*For automated stations only:*

Data collection method:  if other please specify: Manual flash card removal

Datalogger manufacturer and model: Campbell Scientific CR1000

Datalogger sampling interval (seconds):

Site maintenance interval:

Field notes recorded:

Data quality control done:

If yes please give details:

Types of data recorded: daily  hourly  other  if other please specify: 5 minute

averages maximums minimumssamples  totals

**Measurements and Sensors**

*See table on last page*

**Station History Notes**

The above information regarding weather station details may reflect the current station configuration (stations still running), configuration at the end of the measurement period or configuration for the complete measurement period. In this section we are asking for details regarding changes that may have occurred during the measurement period to station location, site characteristics, sensor types, sensor locations etc. These are things that may effect data consistency or quality.

**Data Availability**

Are data available for use in climate change work?

Please specify any conditions attached to public availability and use of this data if any:

Web address where archived data or current conditions are publicly available

**Bibliography**

Please insert any bibliographic references related to this weather station:

**Organizations**

Sponsoring: Simon Fraser University Glaciology Group

*contact info* person: Gwenn Flowers

address: 8888 University Drive

phone:  (778) 782-6638

e-mail:  gflowers@sfu.ca

web address:

May this contact information be published on the internet?

Maintenance: See above

*contact info* person:

address:

phone:

e-mail:

web address:

May this contact information be published on the internet?

Data archival and Quality Control:

*contact info* person:

address:

phone:

e-mail:

web address:

May this contact information be published on the internet?

Metadata Compiled by: SFU Glaciology Group

*contact info* person: Gwenn Flowers

address: SFU - Earth Sciences, 8888 University Dr., Burnaby BC V5A 1S6

phone: 778 782 6638

e-mail: gflowers@sfu.ca

web address: http://www.sfu.ca/~gflowers/

May this contact information be published on the internet?

**Additional Comments**

Please enter any additional pertinent information here:

**Measurements and Sensors**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** |  | **Sensor Type** | **Manufacturer** | **Model** | **Measurement Details** |
| air temperature |  | thermistor | Campbell Scientific | HMP45C212 | 2m above ice, shielded with multi-plate radiation shield |
| precipitation (all year) |  |  |  |  |  |
| precipitation (seasonal) |  |  |  |  |  |
| snowfall |  |  |  |  |  |
| windspeed |  | propeller anemometer | Campbell Scientific | 05103AP-10 | 2m above ground |
| wind direction |  | propeller anemometer | Campbell Scientific | 05103AP-10 | 2m above ground |
| humidity |  | Vaisala capacitive | Campbell Scientific | HMP45C212 | 2m above ground |
| solar radiation |  |  |  |  |  |
| soil temperature |  |  |  |  |  |
| soil moisture |  |  |  |  |  |
| Other (enter below) |  |  |  |  |  |
|  |  |  |  |  |  |
| Net all-wave radiation |  | Thermopile | Kipp & Zonen | NR-LITE | 2m above ground. |
| Barometric Pressure |  | electronic barometer | Campbell Scientific | 61205V | Inside data-logger enclosure |
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