|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TOA5 | D | CR1000 | 79863 | CR1000.Std.29 | CPU:SugarloafD.CR1 | 48677 | TableD1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TIMESTAMP | RECORD | BattV\_Min | BattV\_TMn | PTemp\_C\_Max | PTemp\_C\_TMx | Rain\_mm\_Tot | WS\_ms\_Max | WS\_ms\_TMx | WS\_ms\_Avg | WindDir | AirTC | RH | SlrkW\_Avg | SlrMJ\_Tot | VWC\_0\_Avg | EC\_0\_Avg | T\_0\_Avg | VWC\_1\_Avg | EC\_1\_Avg | T\_1\_Avg | VWC\_2\_Avg | EC\_2\_Avg | T\_2\_Avg |
| TS | RN | Volts | Volts | Deg C | Deg C | mm | meters/second | meters/second | meters/second | degrees | Deg C | % | kW/m^2 | MJ/m^2 | m^3/m^3 | dS/m | Deg C | m^3/m^3 | dS/m | Deg C | m^3/m^3 | dS/m | Deg C |
|  |  | Min | TMn | Max | TMx | Tot | Max | TMx | Avg | Smp | Smp | Smp | Avg | Tot | Avg | Avg | Avg | Avg | Avg | Avg | Avg | Avg | Avg |
| 9/6/2016 9:30 | 1 | 12.54 | 9/6/2016 9:25 | 27.69 | 9/6/2016 9:30 | 0 | 0.78 | 9/6/2016 9:25 | 0.72 | 169 | 21.24 | 15.5 | 0.771 | 0.4623864 | 0.022 | 0 | 11.88 | 0.018 | 0 | 16.23 | 0.038 | 0 | 14.29 |
| 9/6/2016 9:40 | 2 | 12.54 | 9/6/2016 9:35 | 29.72 | 9/6/2016 9:40 | 0 | 1.369 | 9/6/2016 9:40 | 0.913 | 171.5 | 22.19 | 16.01 | 0.79 | 0.4739369 | 0.022 | 0 | 12.02 | 0.018 | 0 | 16.22 | 0.038 | 0.001 | 14.28 |

10-min average wind direction. 0=N

10-min max wind speed.

Soil temperature, mid depth.

Soil temperature, deep

Soil moisture, deep (100 cm).

Soil temperature, shallow (12 cm).

Soil moisture, mid depth (60 cm).

Soil moisture, shallow. This is a fraction, so 0.02 = 2%.

Solar radiation.

Relative humidity.

Air temperatures in Celsius.

10-min average wind speed.

Precipitation fromn a tipping bucket

Battery voltage.

Time stamp, every 10 minutes