Harvard Forest Data Archive HF001-10

Data File:

Name = hf001-10-15min-m.csv
Description = 15-minute (metric) since 2005
Rows = 660288  Columns = 30
MD5 checksum = b12a9d8bbd7b1b8d9eaf3ece618eb3c0

Variables:

datetime = date and time at end of sampling period
d = Julian day (nominalDay)
a = air temperature. Average of 1-second measurements. (celsius)
r = relative humidity. Average of 1-second measurements. (percent)
  (number)
dp = dew point. Average of 1-second values calculated from air
  temperature and relative humidity. (celsius)
p = precipitation. Includes water equivalent of snow. Total value
  for 15-minute period. Measured in increments of 0.01 inch.
  (millimeter)
slrr = global solar radiation. Average of 1-second measurements.
  (wattPerMeterSquared)
parr = photosynthetically active radiation. Average of 1-second
  measurements. (micromolePerMeterSquaredPerSecond)
netr = net radiation. Includes short and long wave. Average of
  1-second measurements. Corrected for wind speeds above 5 m/s using Cambell
  Scientific equation. (wattPerMeterSquared)
bar = barometric pressure. Corrected for elevation. Average of
  1-second measurements. (millibar)
wspd = horizontal scalar wind speed. Average of 1-second
  measurements. (metersPerSecond)
wres = horizontal resultant vector wind speed. Vector average of
  1-second measurements. (metersPerSecond)
wdir = horizontal vector wind direction. Vector average of 1-second
  measurements. Measured in degrees clockwise from true north. (degree)
wdev = standard deviation of wind direction. Calculated from
  1-second measurements using Campbell Scientific equation. (degree)
gspd = gust speed. Maximum of 1-second measurements.
  (metersPerSecond)
s10t = soil temperature at 10cm depth. Average of 1-second
  measurements. (celsius)
<table>
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<th>Variable</th>
<th>Min</th>
<th>Median</th>
<th>Mean</th>
<th>Max</th>
<th>NAs</th>
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</table>
HF001–10 Plot 2

- dewp
- prec
- slrr
- parr

Time:
- 0
- 2000
- 4000
- 6000
- 8000
- 10000
HF001–10 Plot 3

- netr
- bar
- wspd
- wres

Time