Harvard Forest Data Archive HF001-11

Data File:

Name = hf001-11-15min-e.csv
Description = 15-minute (english) since 2005
Rows = 660288  Columns = 30
MD5 checksum = 2572be2f49cdd2f1e9d80a5756cb6813

Variables:

datetime = date and time at end of sampling period
jd = Julian day (nominalDay)
airt = air temperature. Average of 1-second measurements.  (fahrenheit)
rh = relative humidity. Average of 1-second measurements. (percent)
  (number)
dewp = dew point. Average of 1-second values calculated from air
  temperature and relative humidity (fahrenheit)
prec = precipitation. Includes water equivalent of snow. Total value
  for 15-minute period. Measured in increments of 0.01 inch. (inch)
slrr = global solar radiation. Average of 1-second measurements.
  (wattPerMeterSquared)
parr = photosynthetically active radation. 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. (inchOfMercury)
wspd = horizontal scalar wind speed. Average of 1-second
  measurements. (milesPerHour)
wres = horizontal resultant vector wind speed. Vector average of
  1-second measurements. (milesPerHour)
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. (milesPerHour)
s10t = soil temperature at 10cm depth. Average of 1-second
  measurements. (fahrenheit)
<table>
<thead>
<tr>
<th>Variable</th>
<th>Min</th>
<th>Median</th>
<th>Mean</th>
<th>Max</th>
<th>NAs</th>
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</table>
HF001-11 Plot 1

- DATETIME
- JD
- AIRT
- RH

Time

0 2000 4000 6000 8000 10000