Harvard Forest Data Archive HF001-11

Data File:

Name = hf001-11-15min-e.csv
Description = 15-minute (english) since 2005
Rows = 575520  Columns = 30
MD5 checksum = b2507da25043f0c6684150dc4091be86

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 4

- wdir
- wdev
- gspd
- s10t

Time