Harvard Forest Data Archive HF001-08

Data File:

Name = hf001-08-hourly-m.csv
Description = hourly (metric) 2001-2004
Rows = 34080  Columns = 30
MD5 checksum = 19471d6569b1507d28433e677b58d634

Variables:

datetime = date and time at end of sampling period
jd = Julian day (nominalDay)
airt = air temperature. Average of 1-second measurements. (celsius)
rh = relative humidity. Average of 1-second measurements. (percent)
dewp = dew point. Average of 1-second values calculated from air
  temperature and relative humidity. (celsius)
prec = precipitation. Includes water equivalent of snow. Total value
  for 1-hour 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. Sampled once per
  hour. (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) (metersPerSecond)
s10t = Soil temperature at 10cm depth. Average of 1-second
  measurements. (celsius)
<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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</tbody>
</table>
HF001–08 Plot 3

Plot showing time series data for
- netr
- bar
- wspd
- wres

Time ranges from 0 to 10,000.