

Harvard Forest Data Archive HF001-11

Data File:

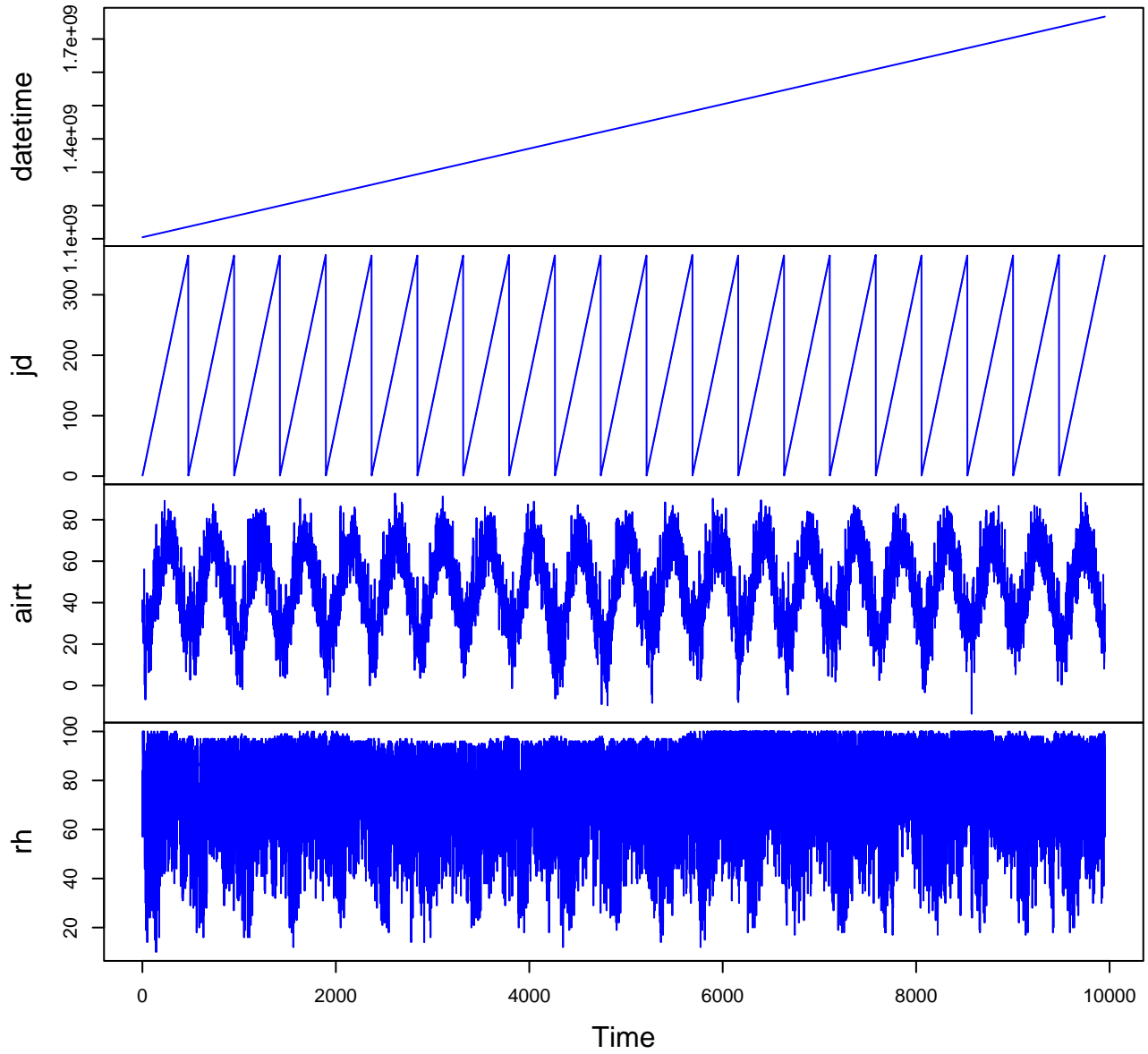
Name = hf001-11-15min-e.csv
Description = 15-minute (english) since 2005
Rows = 736320 Columns = 30
MD5 checksum = 8c2bf7bff7b4b06432a6fc6b34ca29f0

Variables:

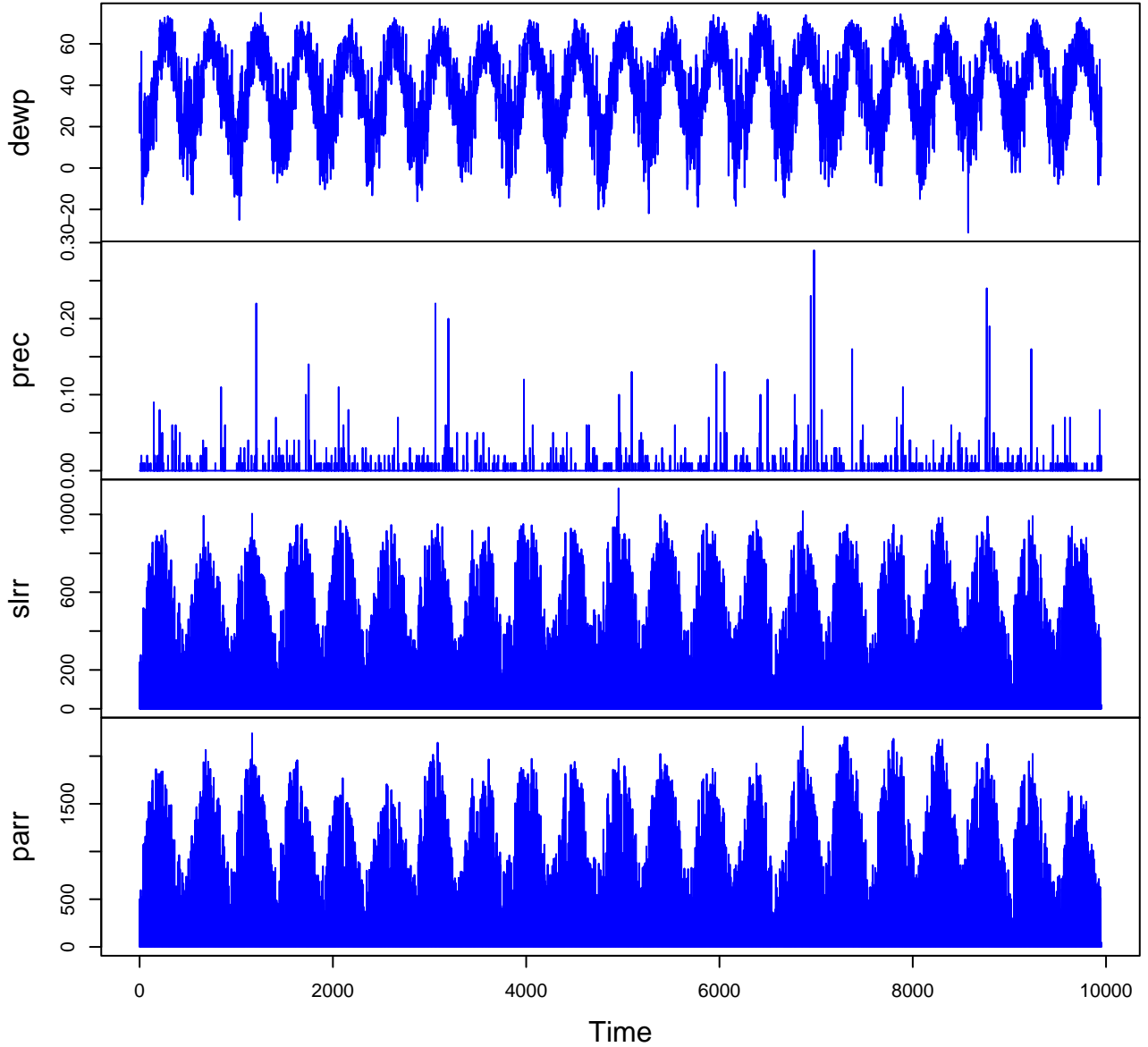
datetime = date and time at end of sampling period
jd = Julian day (nominalDay)
airt = air temperature. Average of 1-second measurements.
(fahrenheit)
rh = relative humidity. Average of 1-second measurements. (percent)
(number)
dewp = dew point. Average of 1-second values calculated from air
temperature 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 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. (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)

Variable	Min	Median	Mean	Max	NAs
datetime	2005-01-01T00:15		2026-01-01T00:00		0
jd	1.000	183.000	183.119	366.000	0
airt	-17.800	48.100	47.342	95.400	166
rh	8.000	76.000	73.217	100.000	195
dewp	-35.000	39.000	38.047	77.200	176
prec	0.000	0.000	0.001	1.400	6323
slrr	0.000	3.000	147.682	1153.000	187
parr	0.000	8.000	300.735	2506.000	190
netr	-468.000	-8.000	51.858	786.000	203
bar	28.670	29.970	29.959	30.860	158
wspd	0.000	3.100	3.519	19.200	171
wres	0.000	2.700	3.061	18.300	171
wdir	0.000	210.000	190.775	360.000	171
wdev	0.000	27.000	27.711	80.000	171
gspd	0.000	8.500	9.472	52.400	171
s10t	31.100	51.600	52.144	81.400	337

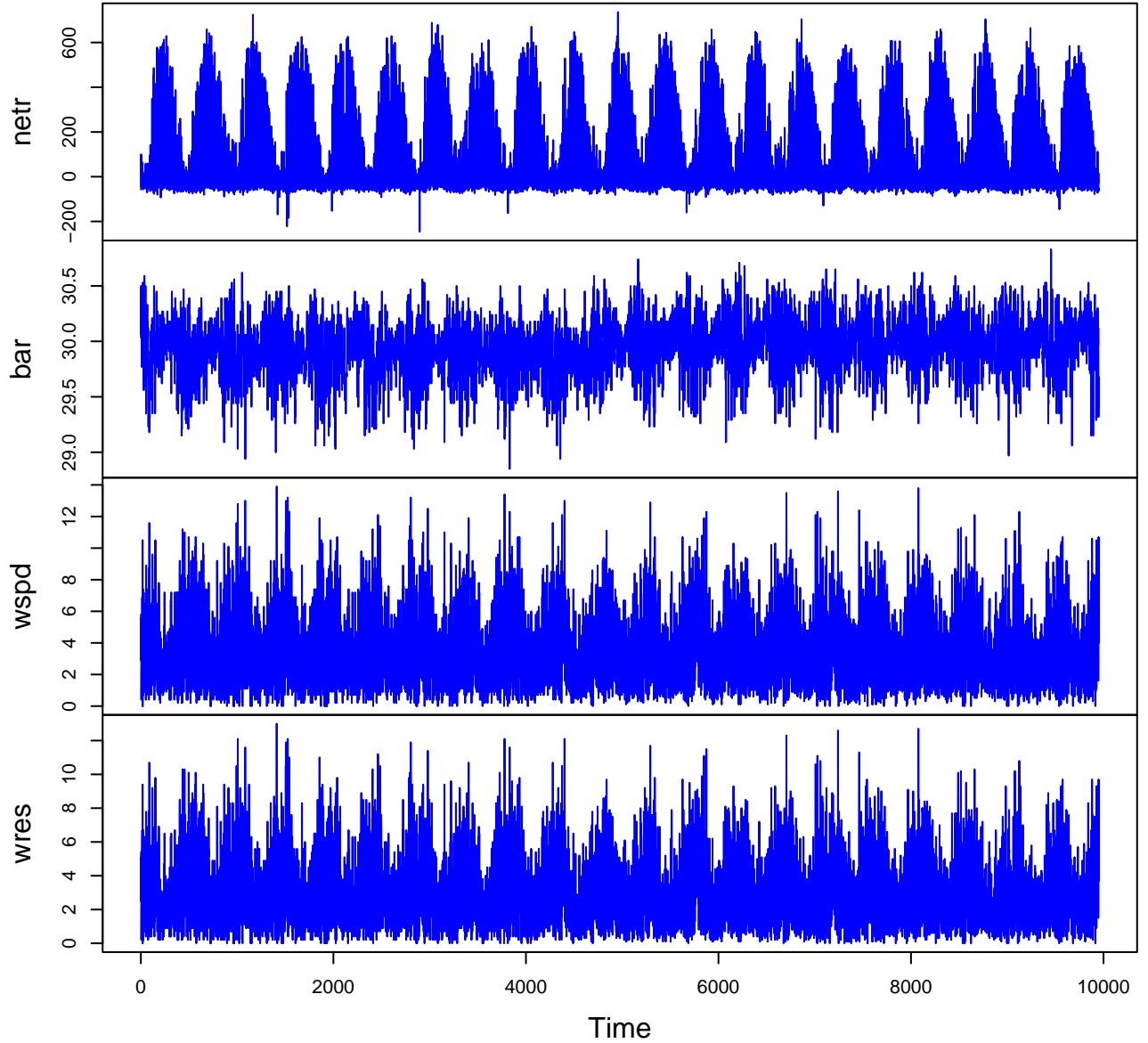
HF001-11 Plot 1



HF001-11 Plot 2



HF001-11 Plot 3



HF001-11 Plot 4

