

Harvard Forest Data Archive HF001-11

Data File:

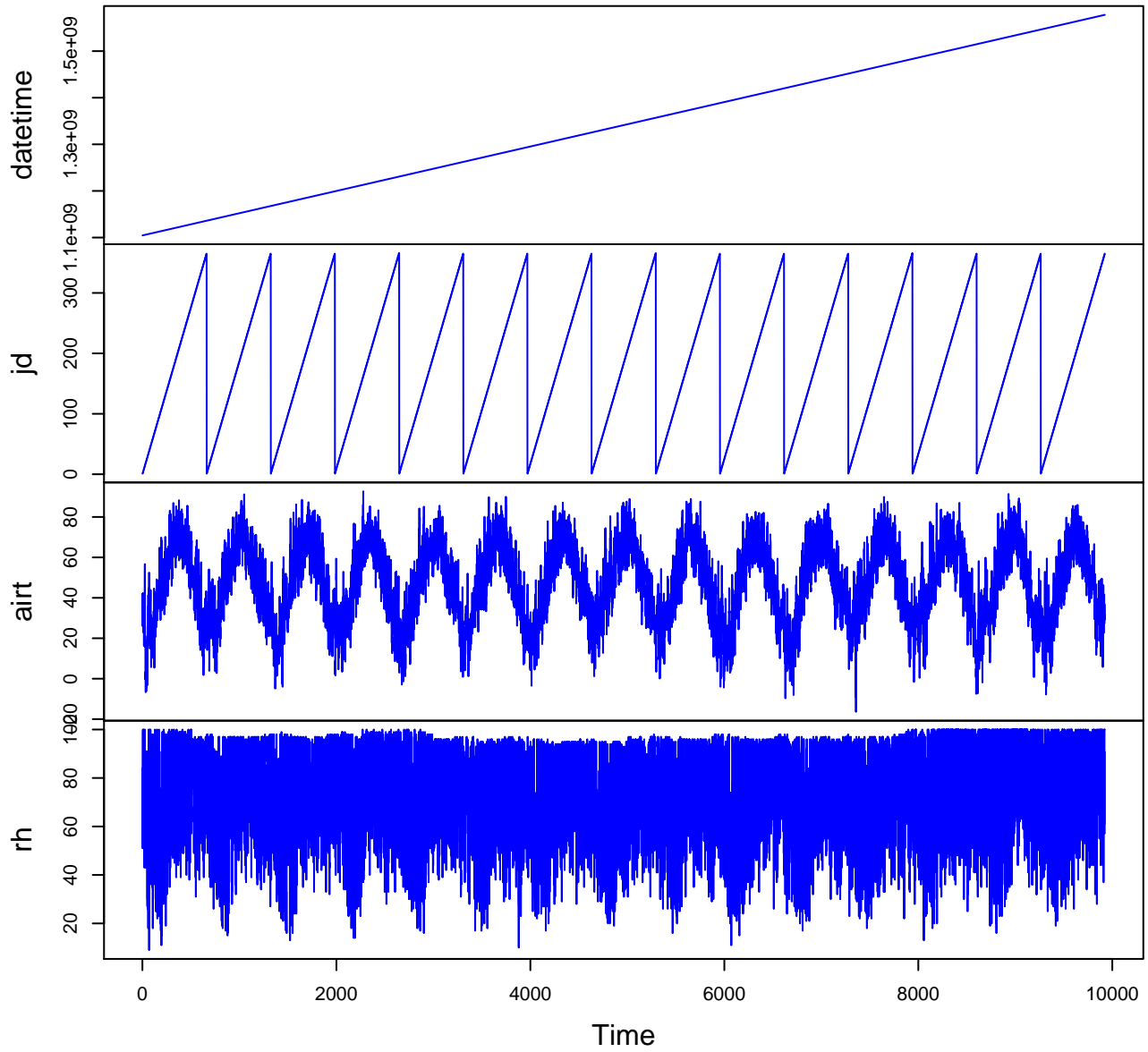
Name = hf001-11-15min-e.csv
Description = 15-minute (english) since 2005
Rows = 525888 Columns = 30
MD5 checksum = dd67a0dfc4572ffa7cfdd1858082bbab

Variables:

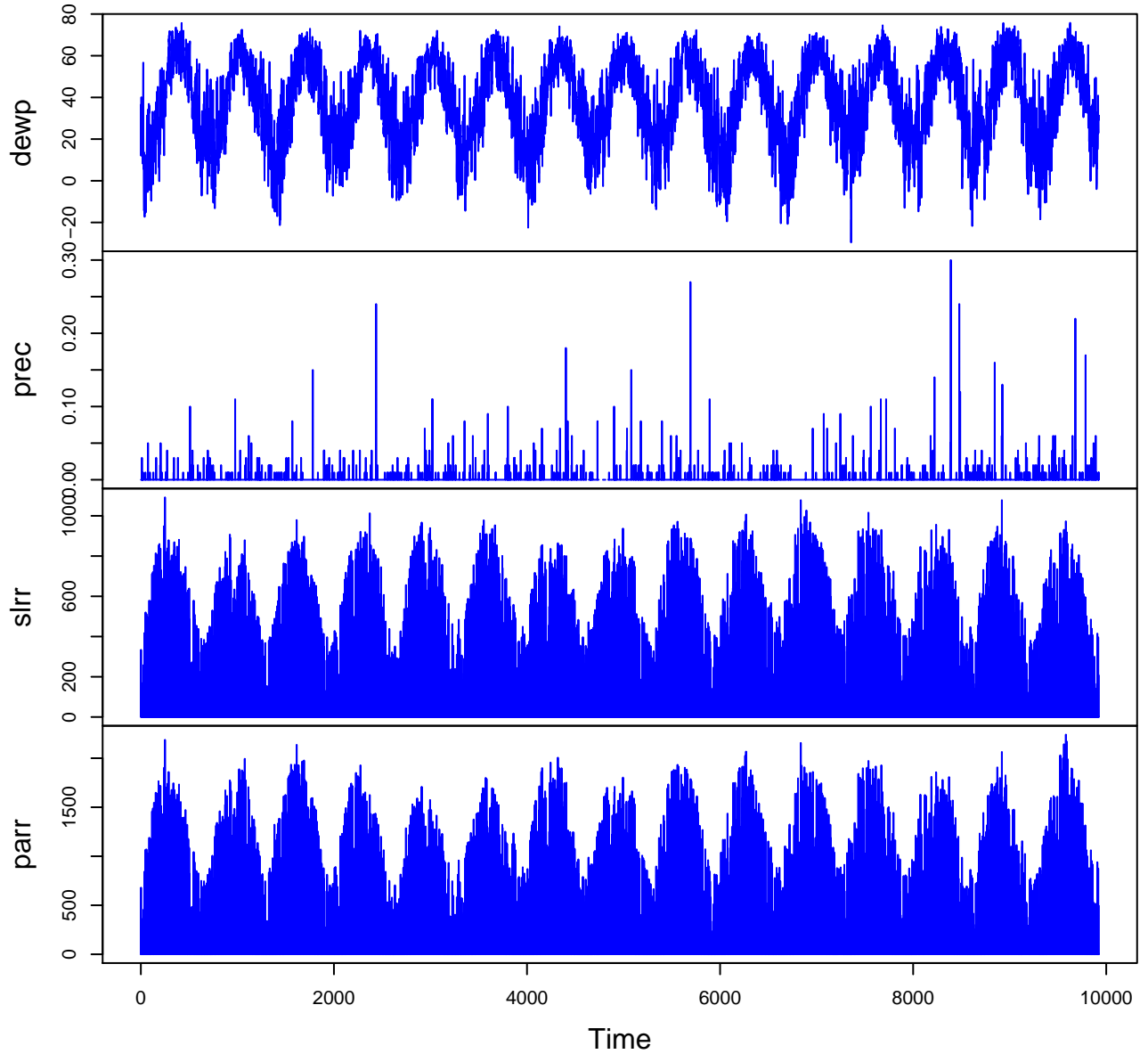
datetime = date and time at end of sampling period
jd = Julian day (nominalDay)
airt = air temperature. Average of 1-second measurements.
(fahrenheit)
rh = relative humidity. Average of 1-second measurements. (percent)
(number)
dewp = dew point. Average of 1-second values calculated from air
temperature 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		2020-01-01T00:00		0
jd	1.000	183.000	183.100	366.000	0
airt	-17.500	47.900	47.055	95.400	165
rh	8.000	76.000	72.762	100.000	168
dewp	-30.600	38.800	37.608	77.200	175
prec	0.000	0.000	0.001	1.110	6033
slrr	0.000	3.000	147.164	1153.000	186
parr	0.000	8.000	295.526	2342.000	189
netr	-468.000	-8.000	51.483	786.000	194
bar	28.730	29.940	29.940	30.770	157
wspd	0.000	3.100	3.548	19.200	170
wres	0.000	2.700	3.093	18.300	170
wdir	0.000	211.000	191.447	360.000	170
wdev	0.000	27.000	27.574	80.000	170
gspd	0.000	8.500	9.532	52.400	170
s10t	31.100	51.300	51.817	80.400	336

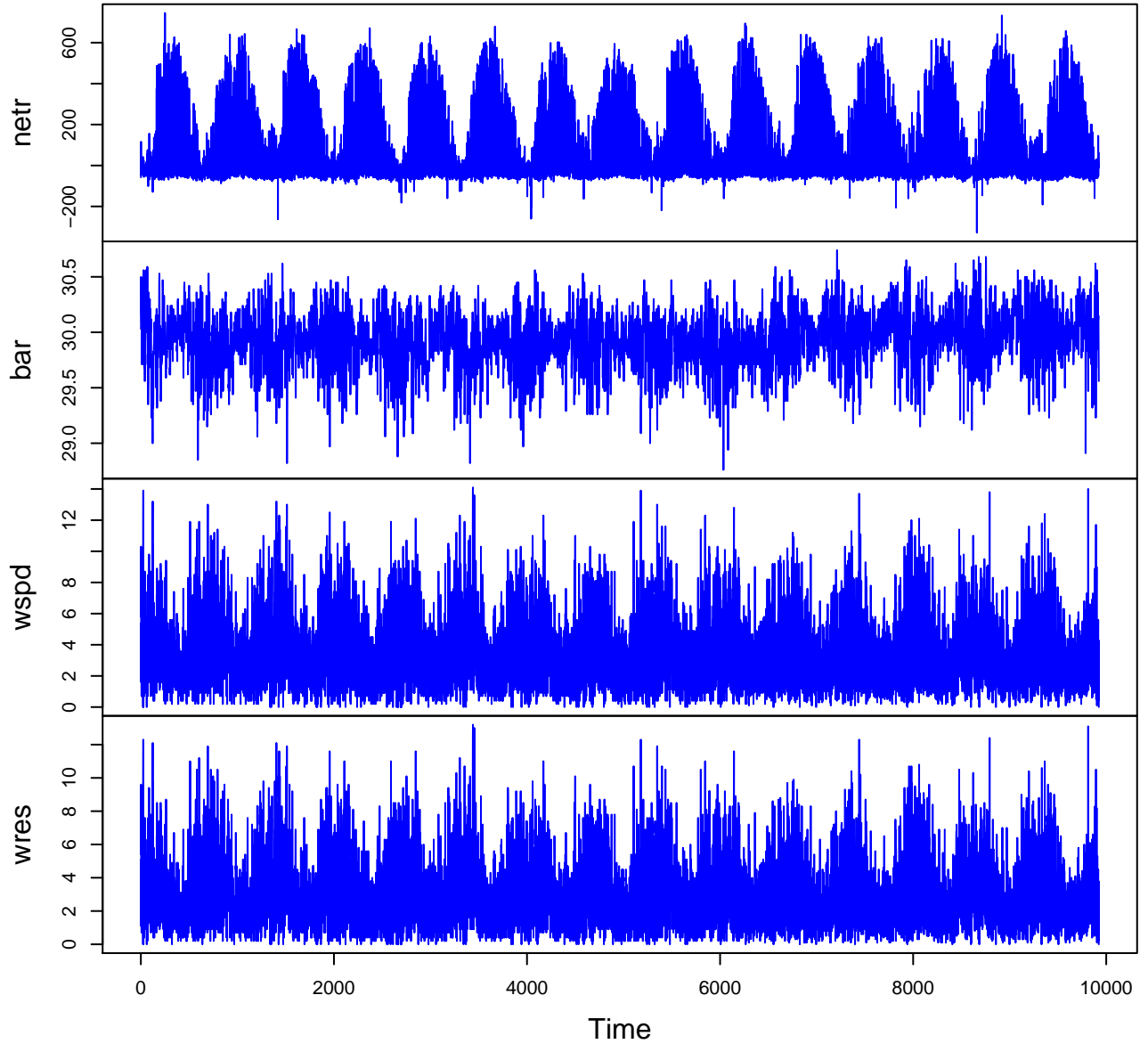
HF001-11 Plot 1



HF001-11 Plot 2



HF001-11 Plot 3



HF001-11 Plot 4

