

Harvard Forest Data Archive HF001-10

Data File:

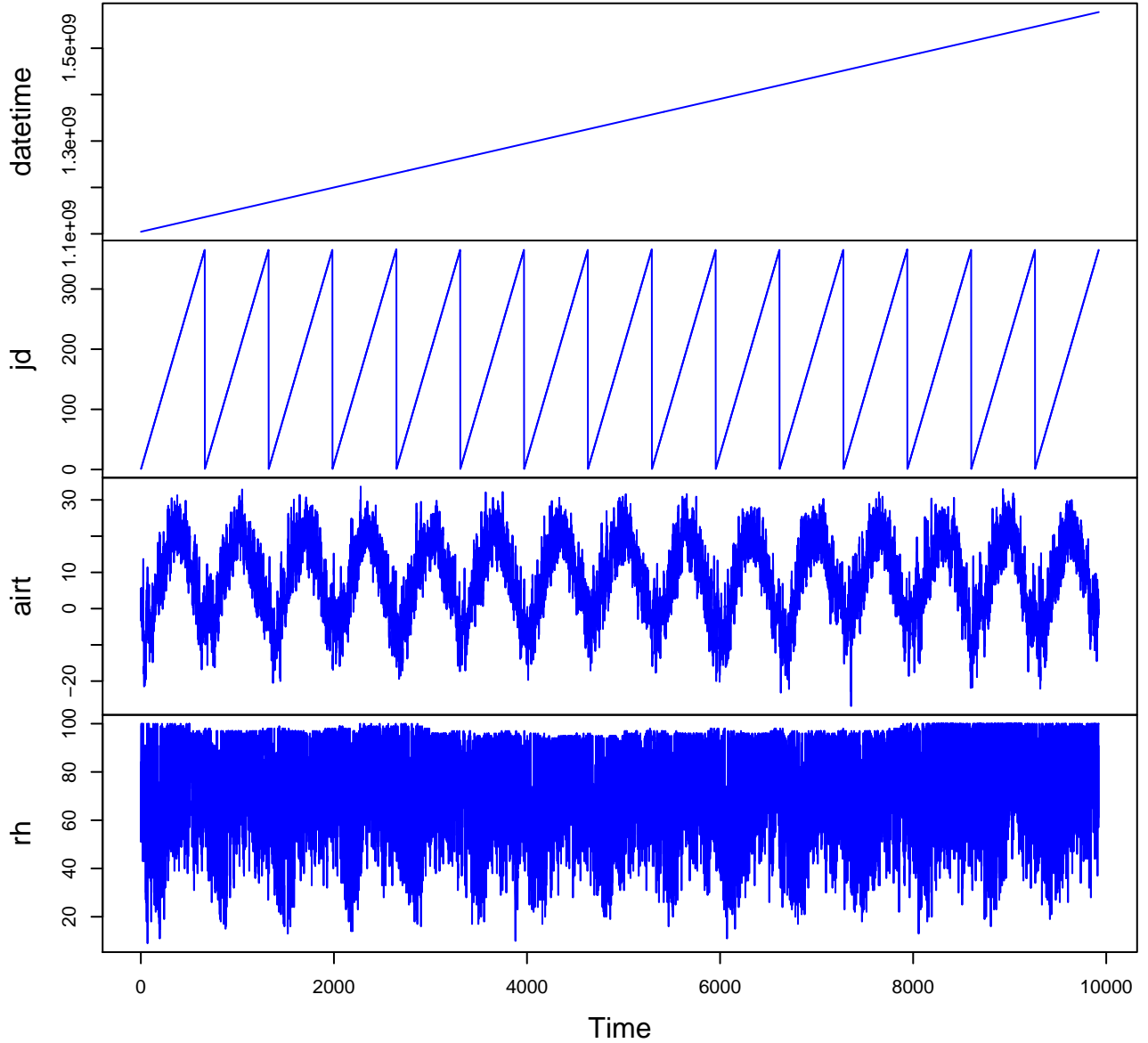
Name = hf001-10-15min-m.csv
Description = 15-minute (metric) since 2005
Rows = 525888 Columns = 30
MD5 checksum = 7f0a95e52661386baf6052af97fd1c8a

Variables:

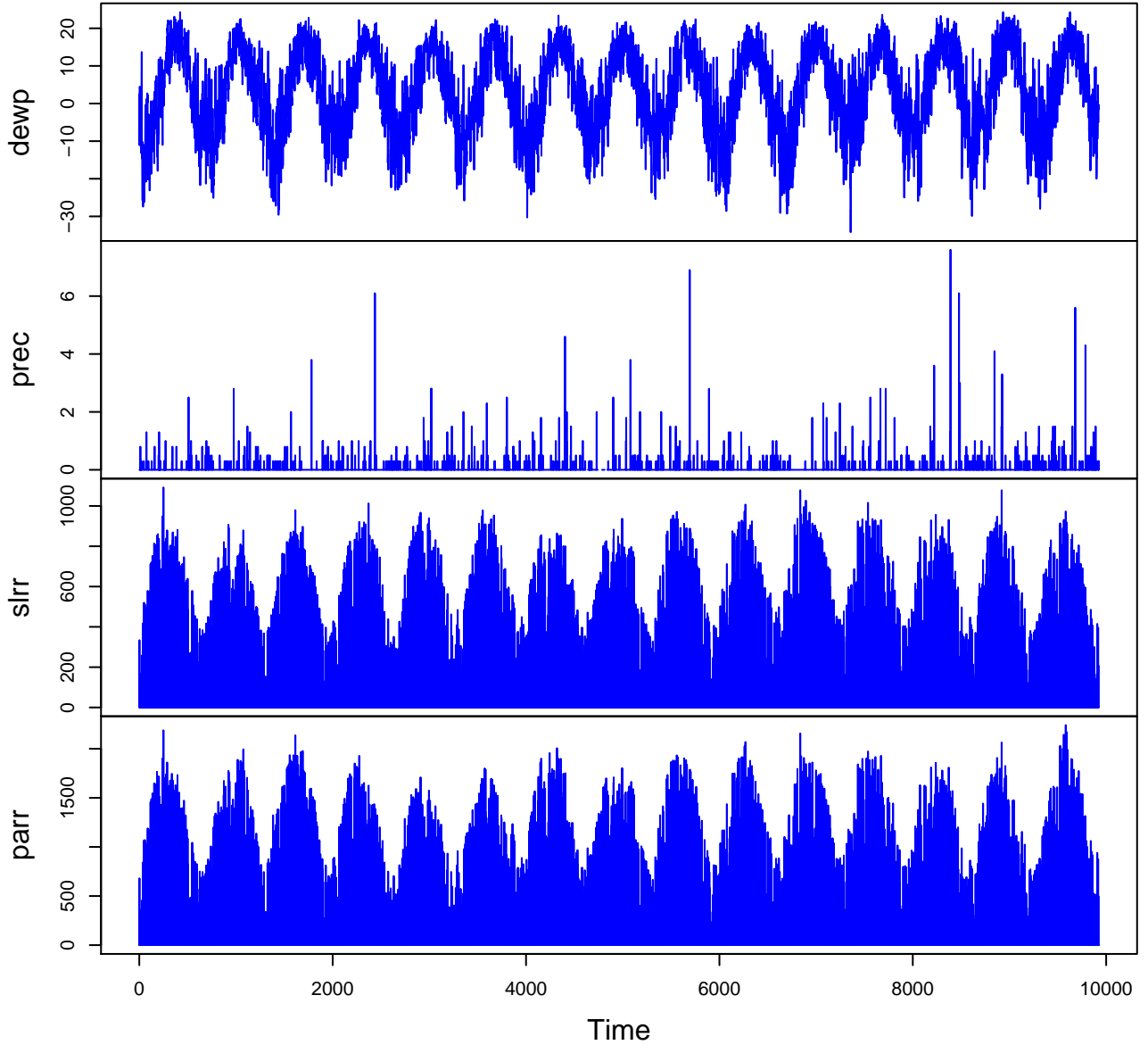
datetime = date and time at end of sampling period
jd = Julian day (nominalDay)
airt = air temperature. Average of 1-second measurements. (celsius)
rh = relative humidity. Average of 1-second measurements. (percent)
(number)
dewp = dew point. Average of 1-second values calculated from air
temperature and relative humidity. (celsius)
prec = precipitation. Includes water equivalent of snow. Total value
for 15-minute 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. Average of
1-second measurements. (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)
sl0t = soil temperature at 10cm depth. Average of 1-second
measurements. (celsius)

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	-27.500	8.900	8.364	35.200	165
rh	8.000	76.000	72.762	100.000	168
dewp	-34.800	3.800	3.116	25.100	175
prec	0.000	0.000	0.038	28.200	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	973.000	1014.000	1013.893	1042.000	155
wspd	0.000	1.400	1.586	8.600	168
wres	0.000	1.200	1.383	8.200	168
wdir	0.000	211.000	191.447	360.000	168
wdev	0.000	27.000	27.574	80.000	168
gspd	0.000	3.800	4.261	23.400	168
s10t	-0.500	10.700	11.009	26.900	334

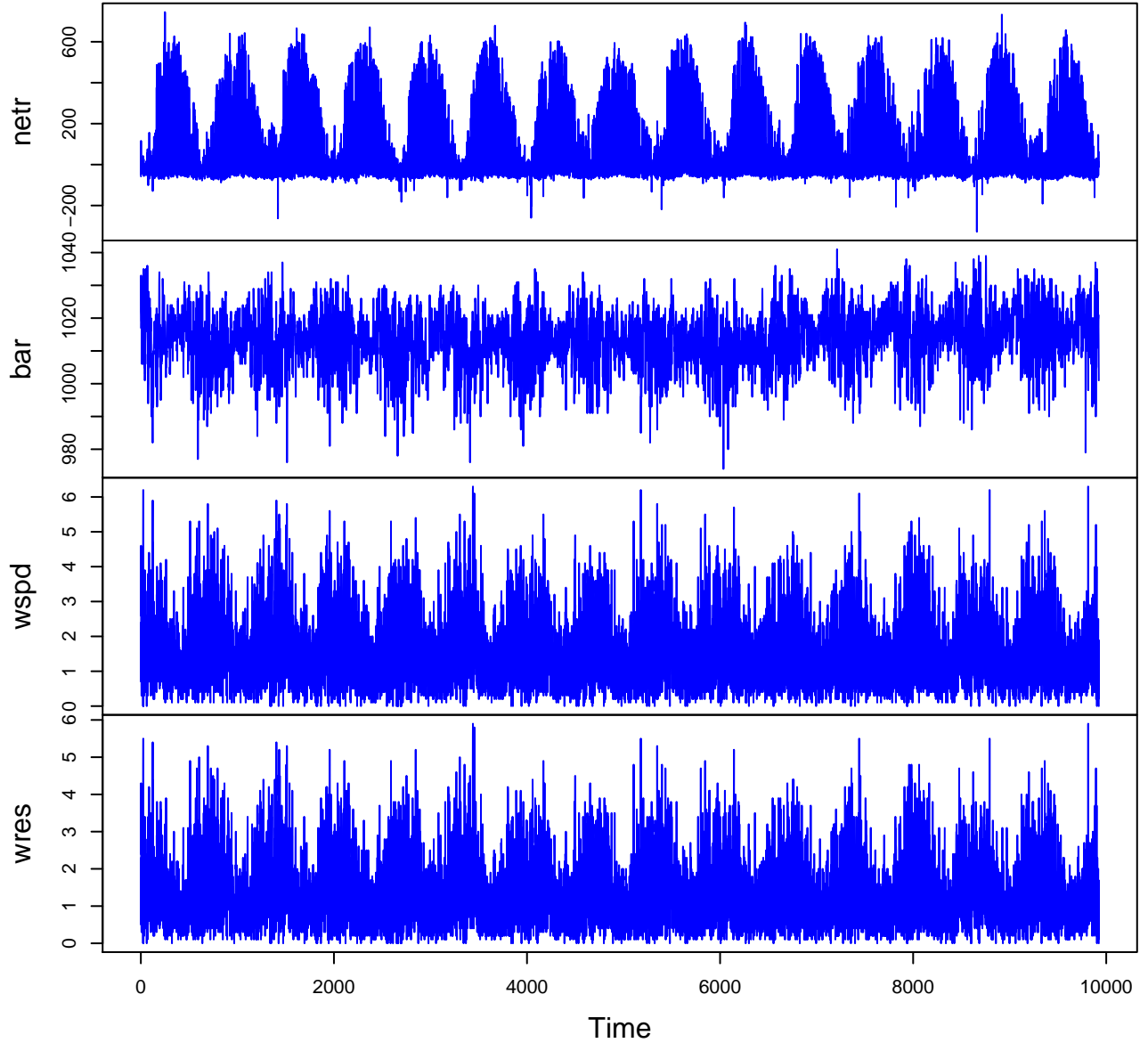
HF001-10 Plot 1



HF001-10 Plot 2



HF001-10 Plot 3



HF001-10 Plot 4

