

Harvard Forest Data Archive HF001-06

Data File:

Name = hf001-06-daily-m.csv
Description = daily (metric) since 2001
Rows = 6898 Columns = 46
MD5 checksum = 748eb91184a74838073e6d7fd7ab7685

Variables:

date = date
jd = Julian day (nominalDay)
airt = average air temperature. Average of 1-second measurements.
(celsius)
airtmax = maximum air temperature. Maximum of 1-second measurements.
(celsius)
airtmin = minimum air temperature. Minimum of 1-second measurements.
(celsius)
rh = average relative humidity. Average of 1-second measurements.
(percent) (number)
rhmax = maximum relative humidity. Maximum of 1-second measurements.
(percent) (number)
rhmin = minimum relative humidity. Minimum of 1-second measurements.
(percent) (number)
dewp = average dew point. Average of 1-second values calculated from
air temperature and relative humidity. (celsius)
dewpmax = maximum dew point. Maximum of 1-second values calculated
from air temperature and relative humidity. (celsius)
dewpmin = minimum dew point. Minimum of 1-second values calculated
from air temperature and relative humidity. (celsius)
prec = total precipitation. Includes water equivalent of snow. Total
value for 1-day period. Measured in increments of 0.01 inch.
(millimeter)
slrt = total global solar radiation. Total value for 1-day period.
(megajoulePerMeterSquared)
part = total photosynthetically active radiation. Total value for
1-day period. (molePerMeterSquared)
netr = average net radiation. Includes short and long wave. Average
of 1-second measurements. Corrected for wind speeds above 5 m/s
using Campbell Scientific equation. (wattPerMeterSquared)
bar = average barometric pressure. Corrected for elevation. Average
of hourly measurements. (millibar)
wspd = average horizontal scalar wind speed. Average of 1-second
measurements. (metersPerSecond)
wres = average horizontal resultant vector wind speed. Vector
average of 1-second measurements. (metersPerSecond)
wdir = average 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)

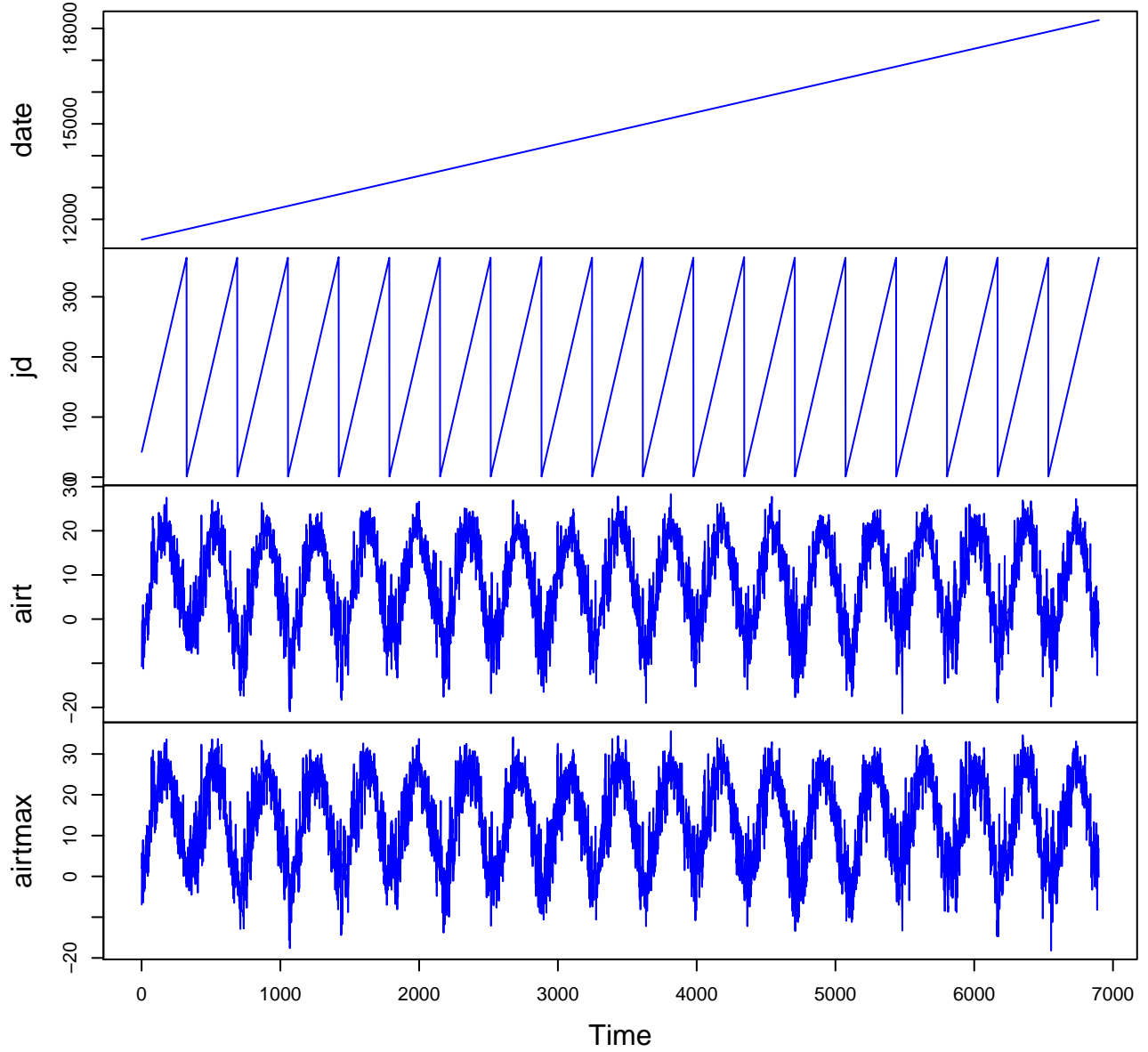
s10t = average soil temperature at 10cm depth. Average of 1-second measurements. (celsius)

s10tmax = maximum soil temperature at 10cm depth. Maximum of 1-second measurements. (celsius)

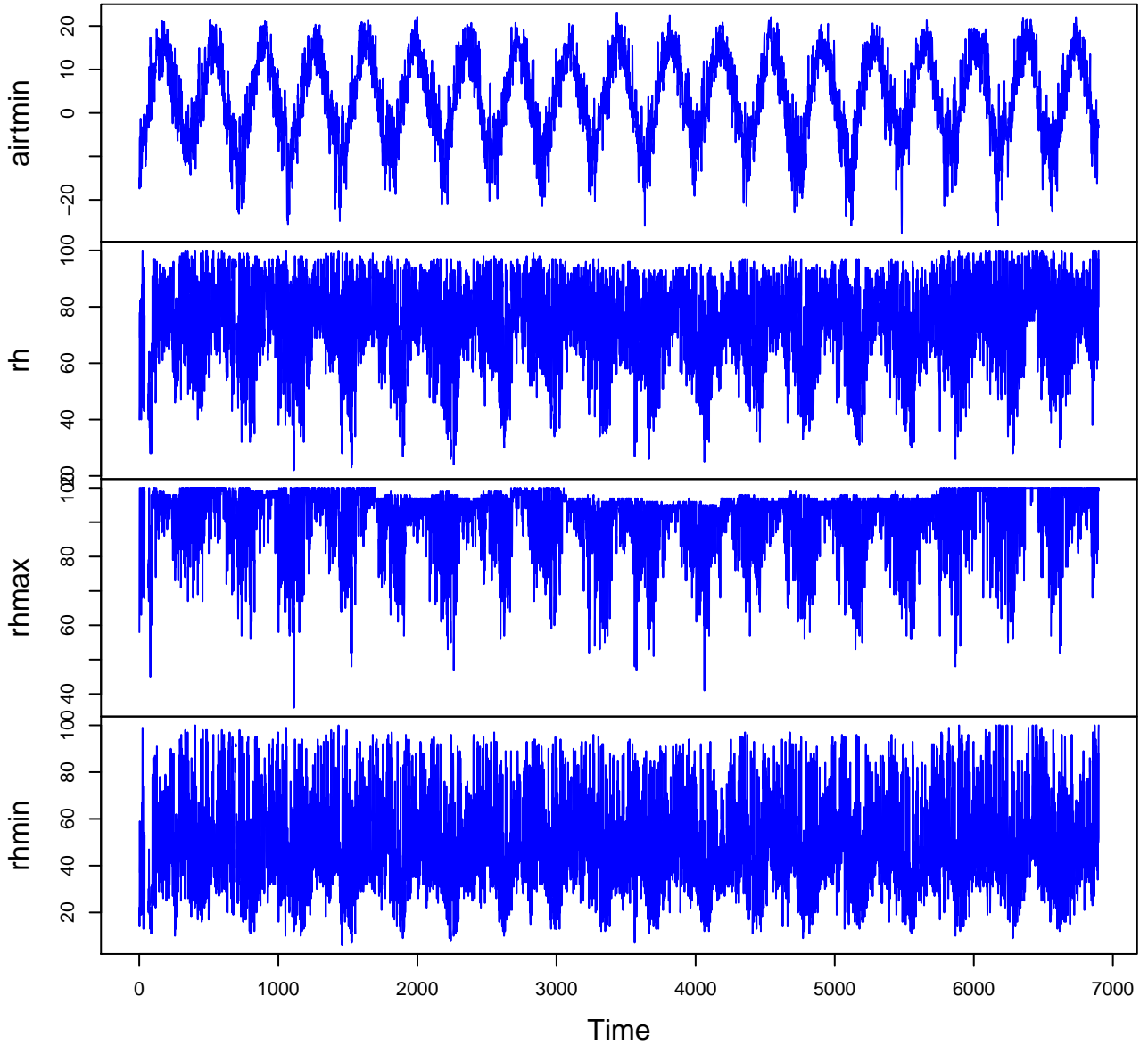
s10tmin = minimum soil temperature at 10cm depth. Minimum of 1-second measurements. (celsius)

Variable	Min	Median	Mean	Max	NAs
date	2001-02-11	2010-07-22	2010-07-22	2019-12-31	0
jd	1.000	184.000	184.069	366.000	0
airt	-21.400	9.000	8.361	28.300	0
airtmax	-18.200	14.500	13.770	35.600	0
airtmin	-27.600	3.700	3.375	23.000	0
rh	22.000	74.000	72.951	100.000	43
rhmax	36.000	95.000	91.717	100.000	43
rhmin	6.000	45.000	47.804	100.000	43
dewp	-30.800	3.700	3.177	22.700	43
dewpmax	-26.700	8.300	7.305	26.500	43
dewpmin	-34.900	-0.600	-1.074	21.500	43
prec	0.000	0.000	3.385	113.800	0
slrt	0.000	11.500	12.885	31.600	15
part	0.000	22.600	25.529	68.100	1038
netr	-99.200	32.400	51.124	224.000	1037
bar	982.000	1015.000	1014.163	1039.000	10
wspd	0.000	1.400	1.600	5.400	13
wres	0.000	1.000	1.125	4.900	14
wdir	0.000	224.000	209.006	360.000	14
wdev	0.000	42.000	44.092	79.000	14
gspd	0.000	8.200	8.754	23.400	13
s10t	-0.700	10.900	11.093	25.900	98
s10tmax	-0.500	11.900	11.894	29.900	98
s10tmin	-0.900	10.100	10.359	24.500	98

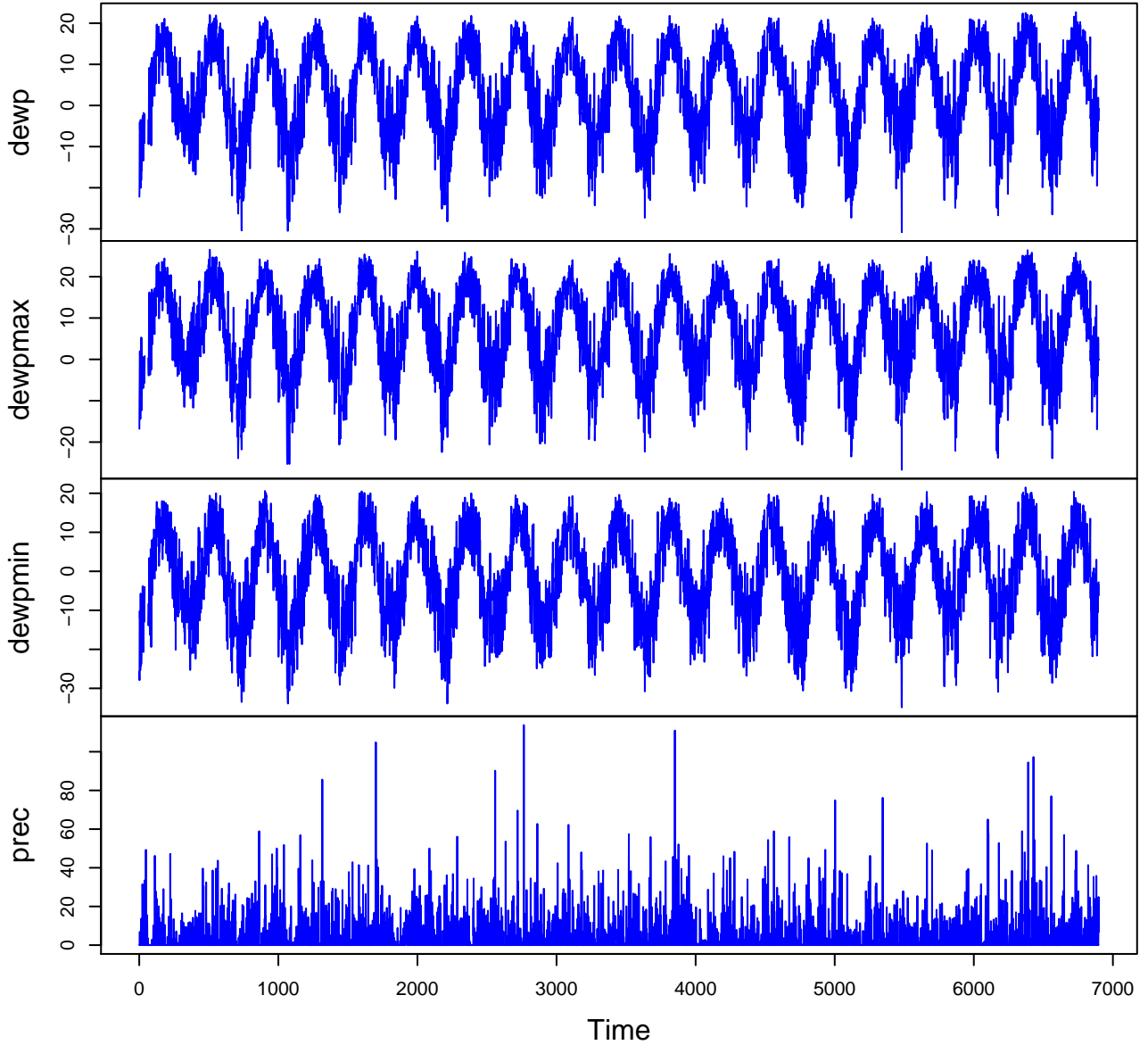
HF001-06 Plot 1



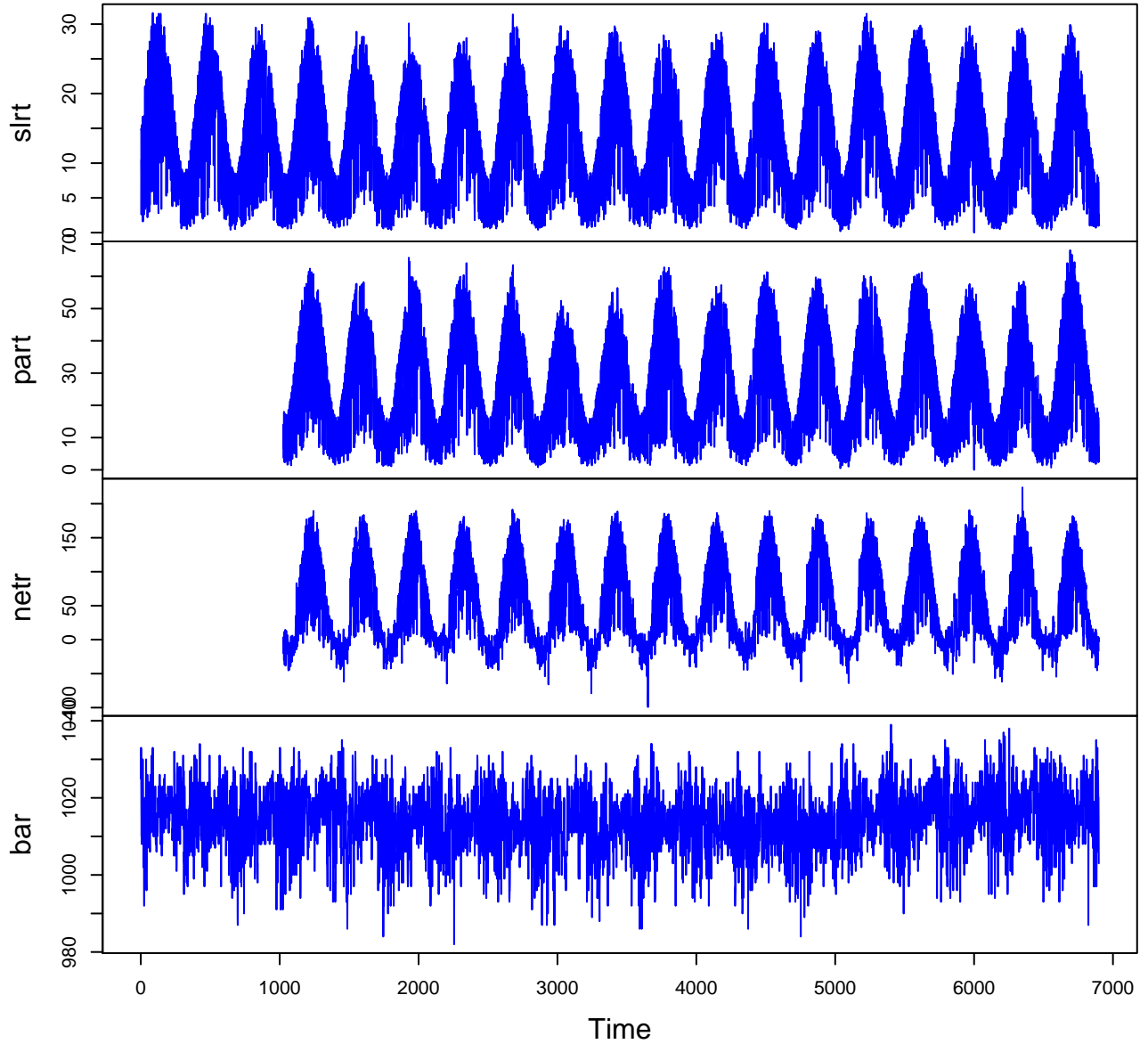
HF001-06 Plot 2



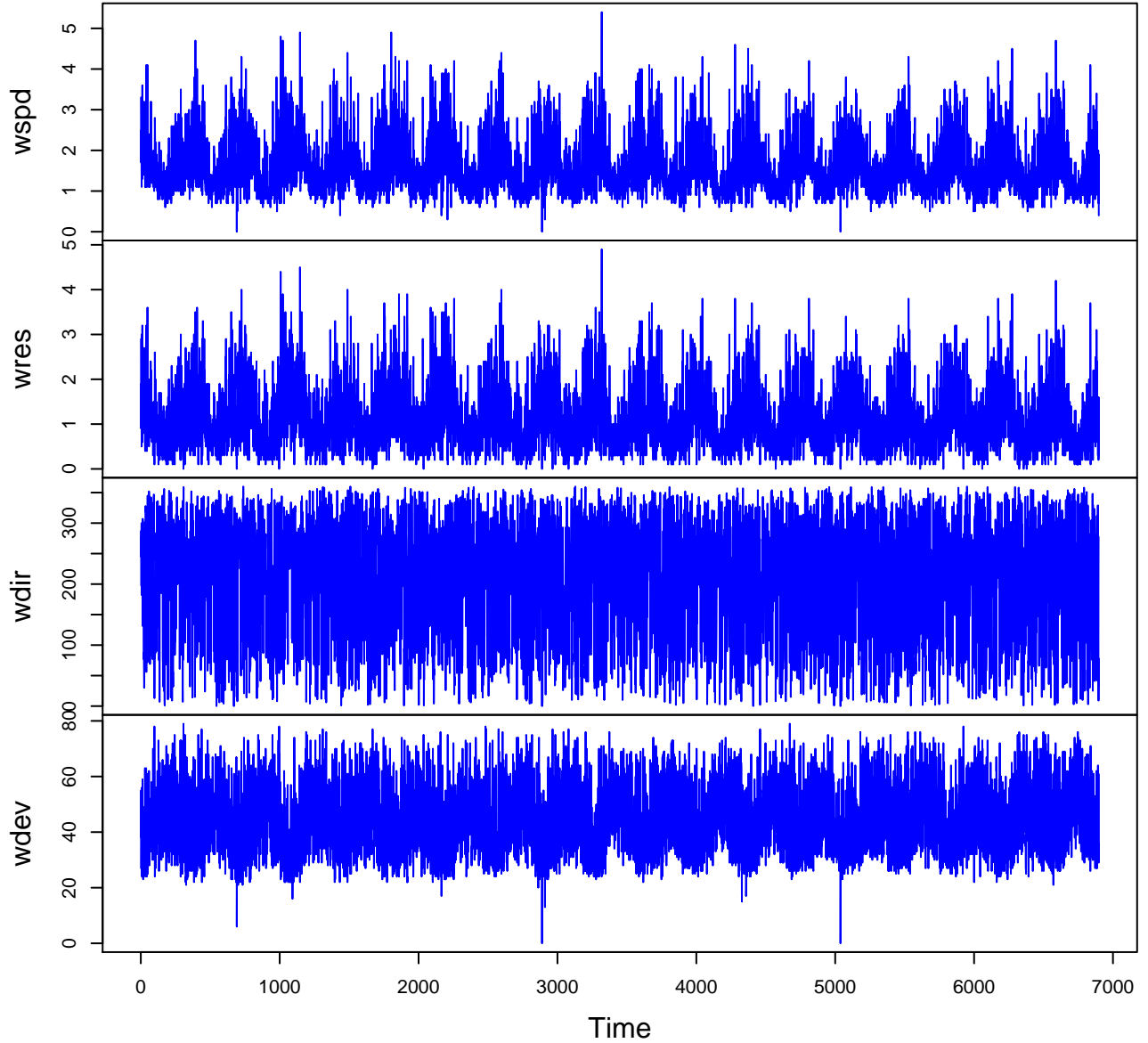
HF001-06 Plot 3



HF001-06 Plot 4



HF001-06 Plot 5



HF001-06 Plot 6

