

Harvard Forest Data Archive HF001-06

Data File:

Name = hf001-06-daily-m.csv  
Description = daily (metric) since 2001  
Rows = 6592 Columns = 46  
MD5 checksum = 72c4a2836a09857763dc6f0e81999538

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)

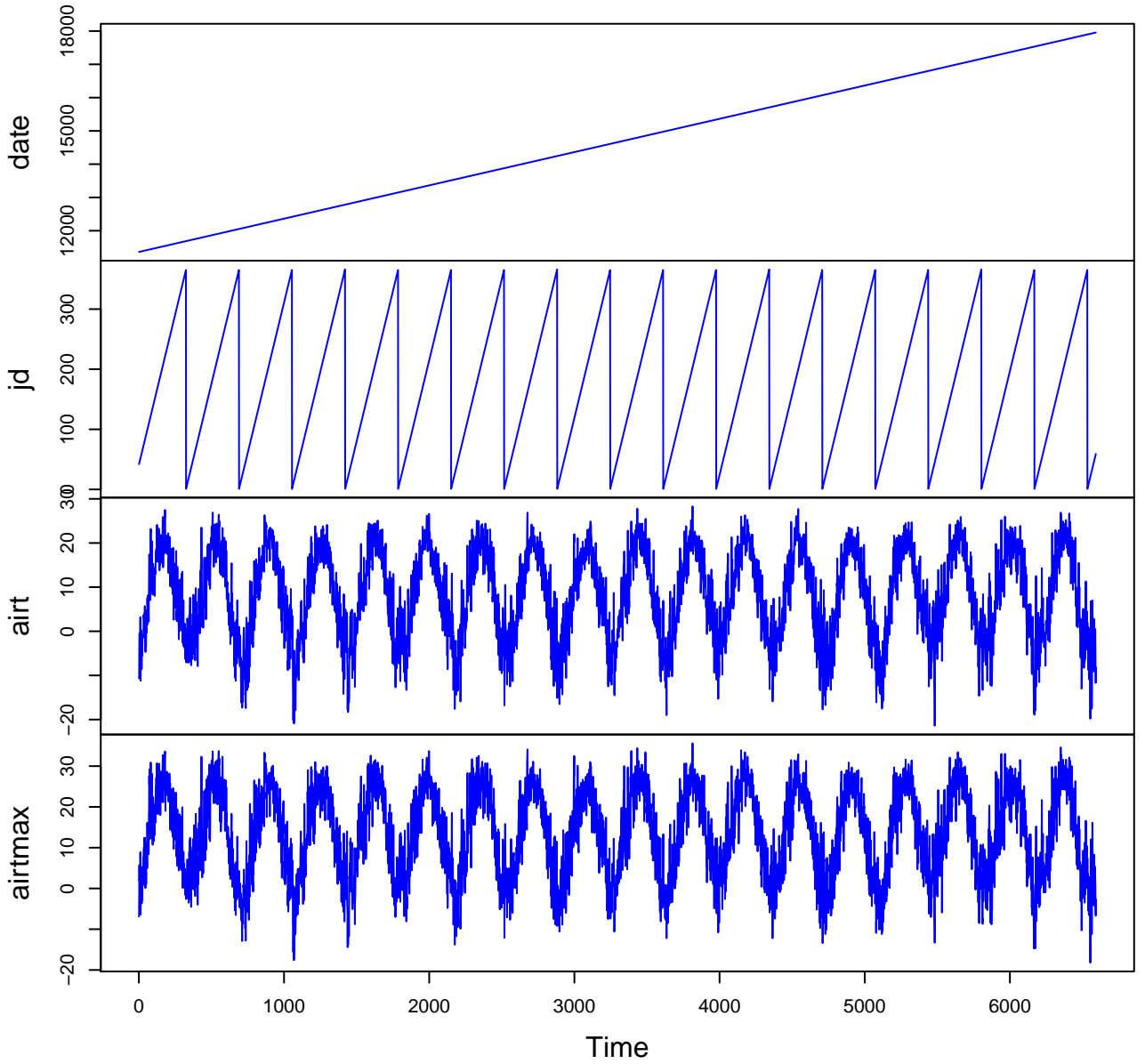
s10t = average soil temperature at 10cm depth. Average of 1-second measurements. (celsius)

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

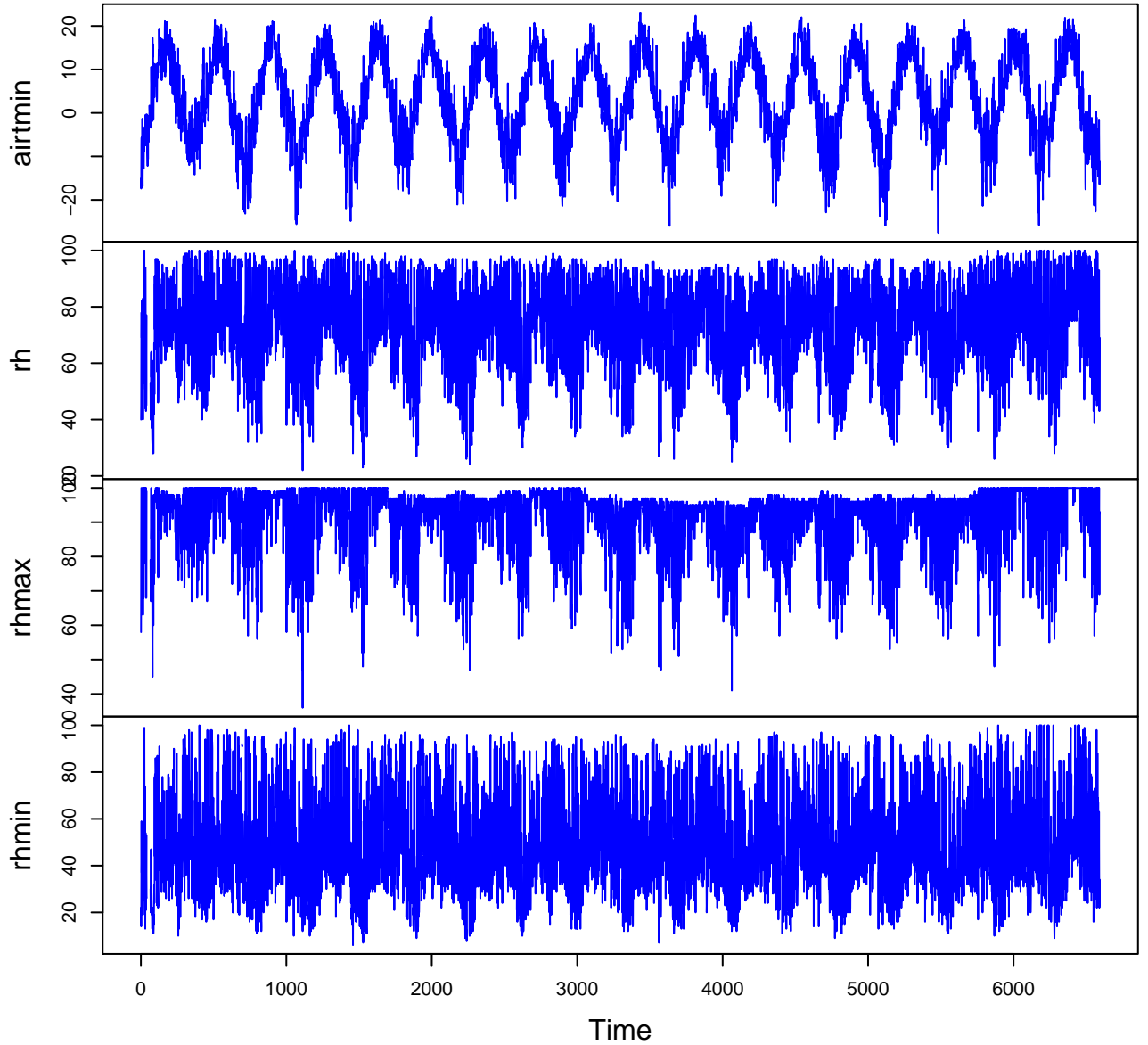
s10tmin = minimum soil temperature at 10cm depth. Minimum of 1-second measurements. (celsius)

Variable	Min	Median	Mean	Max	NAs
date	2001-02-11	2010-02-19	2010-02-19	2019-02-28	0
jd	1.000	183.000	182.749	366.000	0
airt	-21.400	8.900	8.270	28.300	0
airtmax	-18.200	14.400	13.675	35.600	0
airtmin	-27.600	3.500	3.288	23.000	0
rh	22.000	74.000	72.820	100.000	43
rhmax	36.000	95.000	91.536	100.000	43
rhmin	6.000	45.000	47.762	100.000	43
dewp	-30.800	3.500	3.063	22.500	43
dewpmax	-26.700	8.200	7.190	26.500	43
dewpmin	-34.900	-0.800	-1.179	21.500	43
prec	0.000	0.000	3.365	113.800	0
slrt	0.000	11.400	12.849	31.600	15
part	0.000	22.300	25.285	65.800	1038
netr	-99.200	31.100	50.609	224.000	1037
bar	982.000	1015.000	1014.057	1039.000	10
wspd	0.000	1.400	1.604	5.400	13
wres	0.000	1.000	1.131	4.900	14
wdir	0.000	224.500	209.369	360.000	14
wdev	0.000	42.000	43.980	79.000	14
gspd	0.000	8.200	8.759	22.500	13
s10t	-0.700	10.700	11.018	25.900	98
s10tmax	-0.500	11.700	11.822	29.900	98
s10tmin	-0.900	9.900	10.282	24.500	98

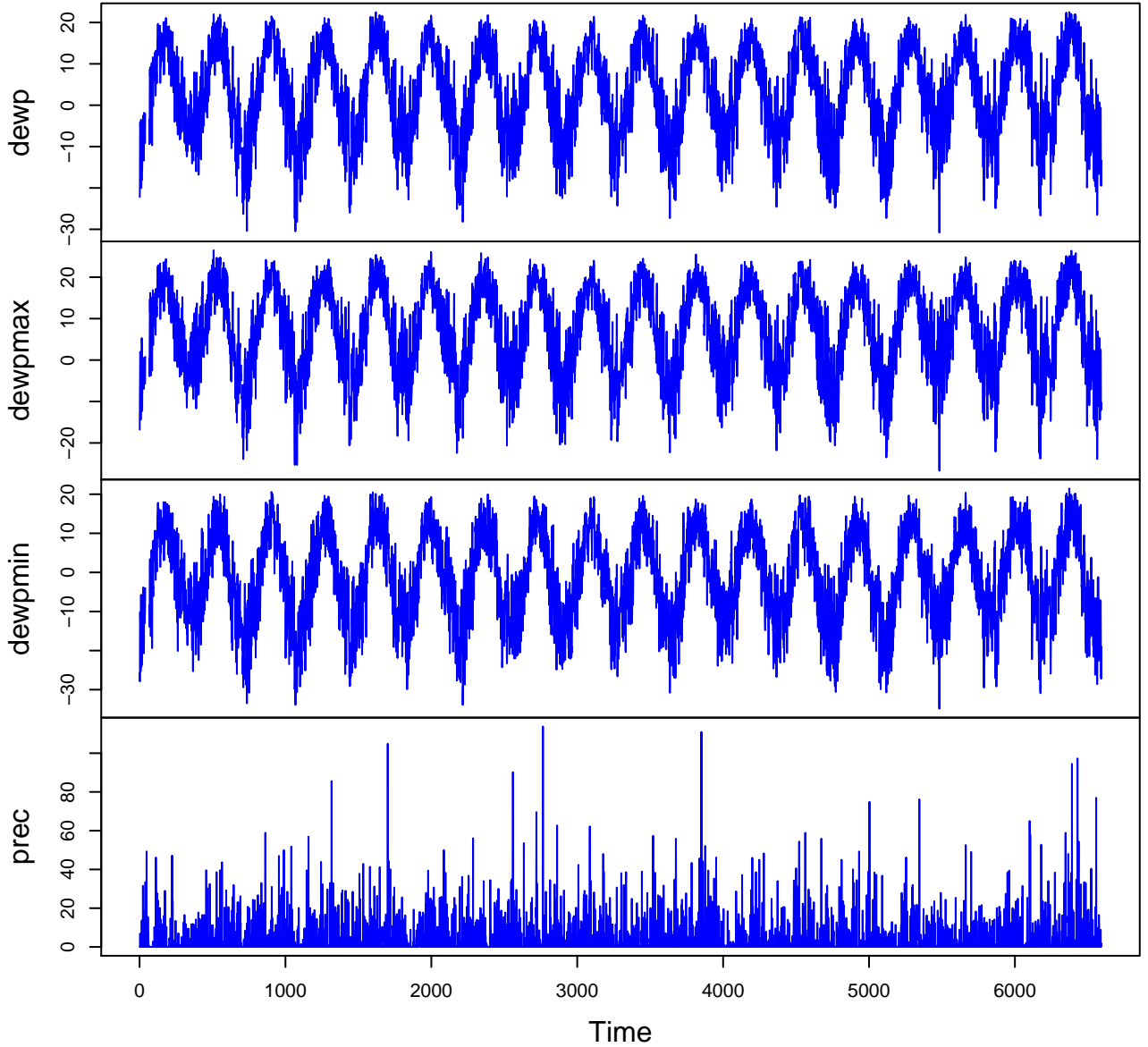
# HF001-06 Plot 1



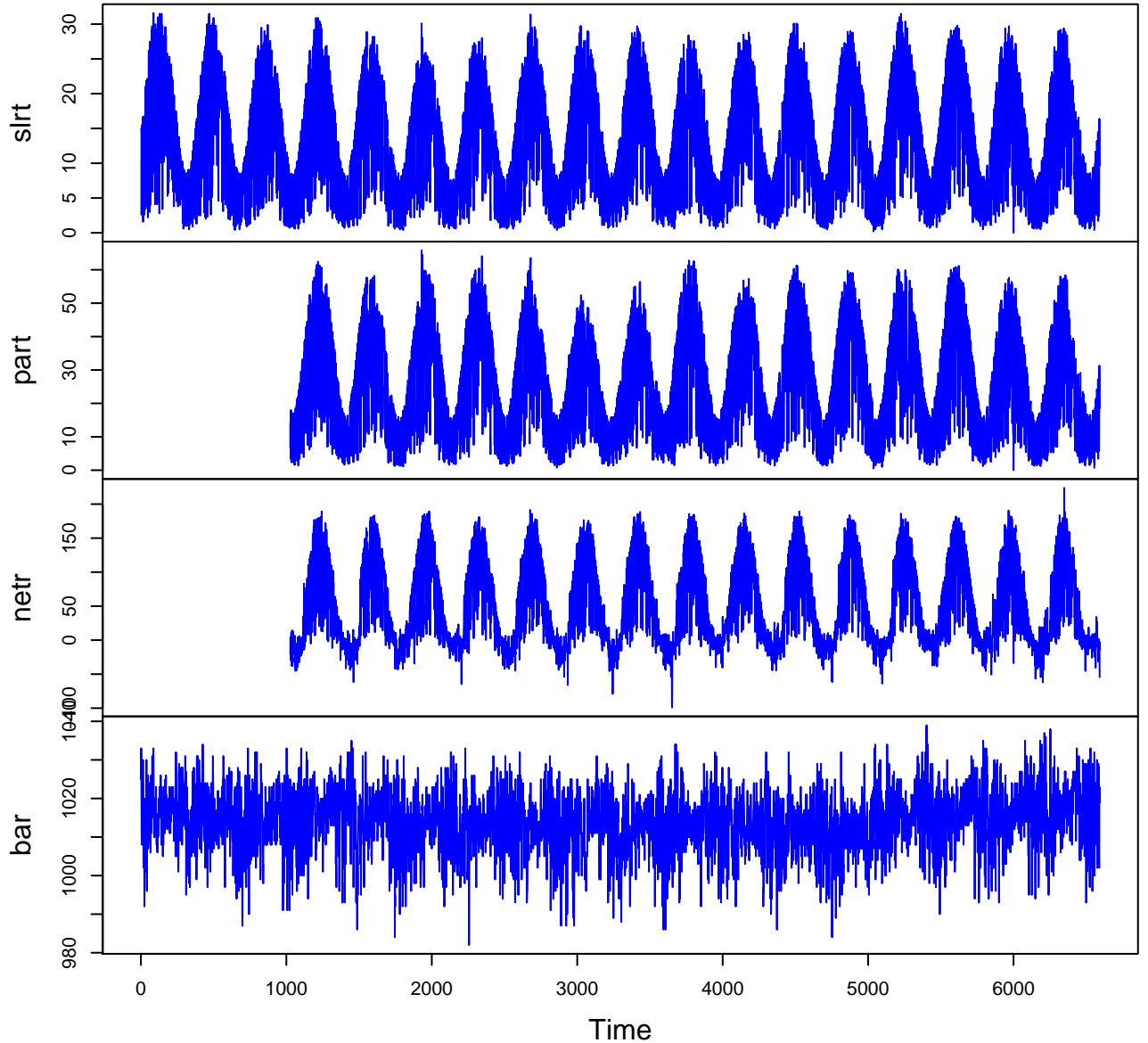
# HF001-06 Plot 2



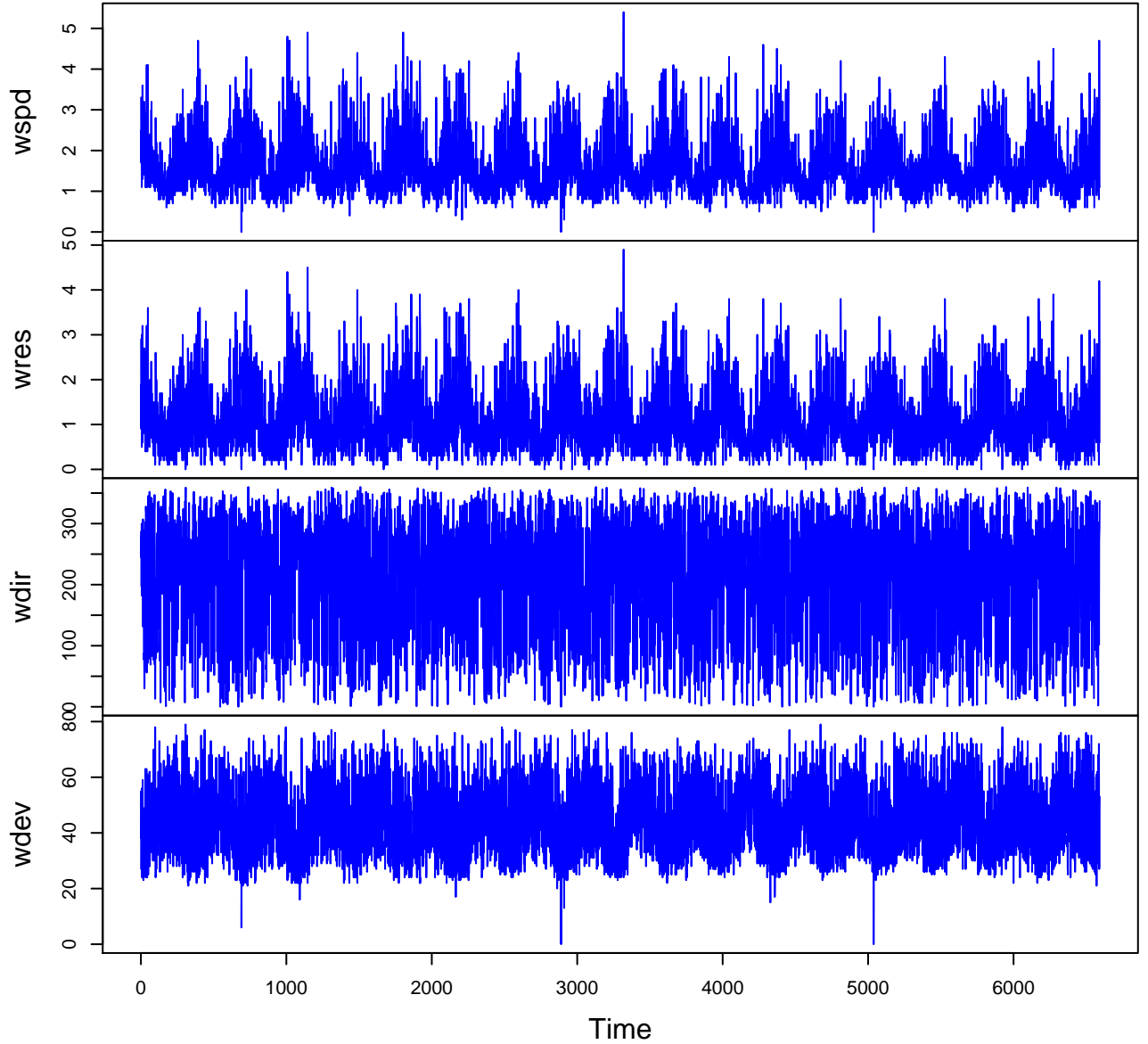
# HF001-06 Plot 3



# HF001-06 Plot 4



# HF001-06 Plot 5





# HF001-06 Plot 6

