

Harvard Forest Data Archive HF214-01

Data File:

Name = hf214-01-ocs-flux-2011.csv

Description = carbonyl sulfide flux in 2011 using the prototype OC spectrometer

Rows = 20402 Columns = 10

MD5 checksum = 3c44df793c74f36b2a4bb8b22ad2f7ba

Variables:

datetime = date and time stamp, mean value for the eddy flux integration period

year = fraction of year (Eastern standard time, EST) (nominalYear)

jd.1970 = day of year since 1970 (R notation), EST (nominalDay)

doy = day of year (nominalDay)

doy.2011 = fraction of day of year in 2011, EST (nominalDay)

ocs.flux = flux of carbonyl sulfide (OCS, unit: pmol m<sup>-2</sup> s<sup>-1</sup>) (picomolePerMeterSquaredPerSecond)

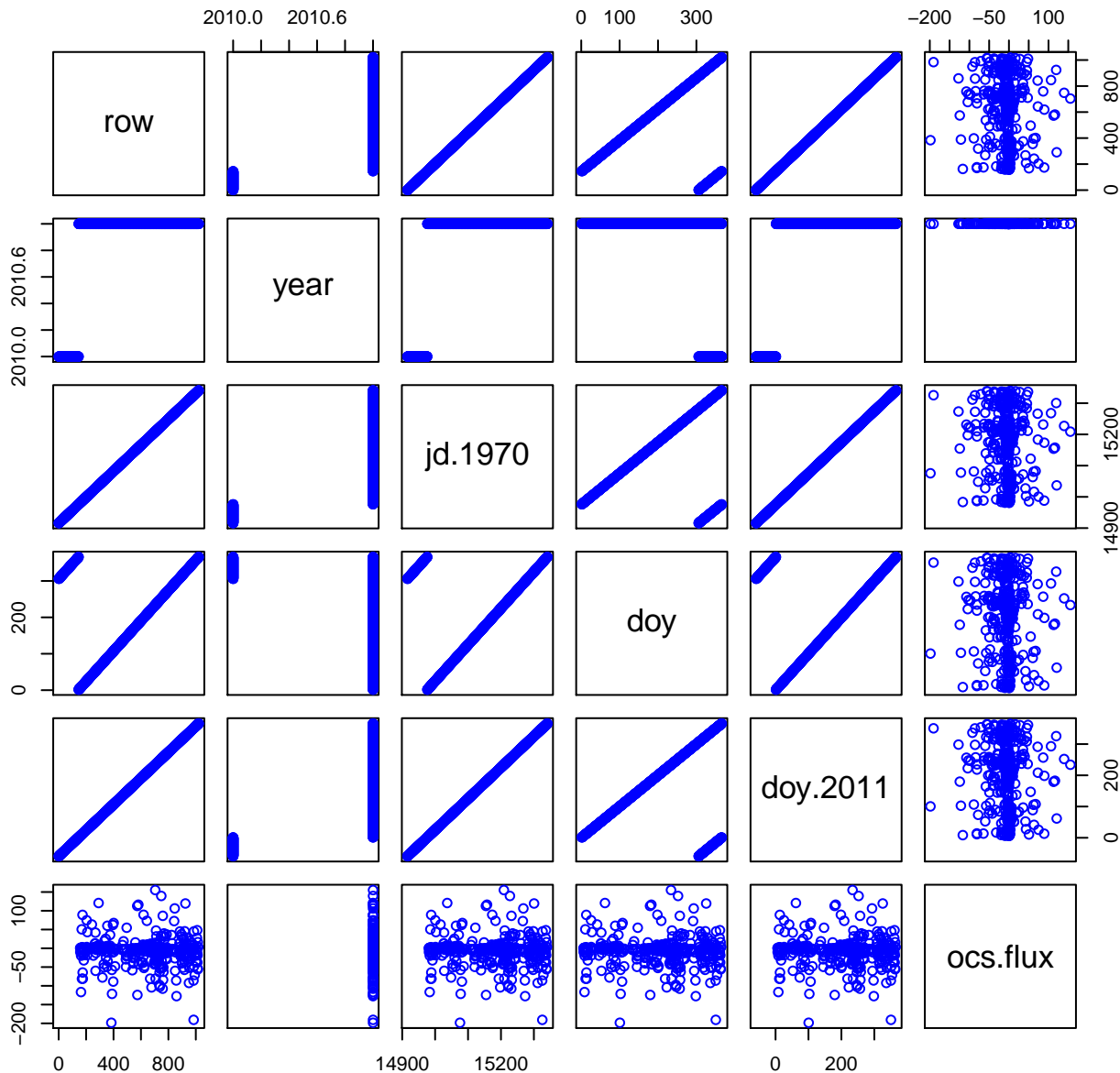
ocs.mr = mixing ratio of carbonyl sulfide (OCS; unit: pmol

mol<sup>-1</sup>) (dimensionless)

grad.flux.dz = distance between sampling points in gradient method (meter)

Variable	Min	Median	Mean	Max	NAs
datetime	2010-11-01T23:30		2012-01-01T00:00		0
year	2010.000	2011.000	2010.859	2011.000	0
jd.1970	14915.979	15128.490	15128.490	15341.000	0
doy	1.000	213.510	205.032	366.000	0
doy.2011	-59.021	153.490	153.490	366.000	0
ocs.flux	-212.507	-0.981	-4.251	199.725	13497
ocs.mr	228.369	448.294	446.127	597.933	7328
grad.flux.dz	4.500	24.000	20.166	27.600	10796

# HF214-01 Plot 1



# HF214-01 Plot 2

