

Harvard Forest Data Archive HF459-09

Data File:

Name = hf459-09-al-ysi.csv

Description = Arthur Brook Lower YSI EX0 sonde data

Rows = 32 Columns = 15

MD5 checksum = 5c20d8cc406eb60e389afb3c2879b81f

Variables:

date = date of sample

Latitude = latitude of sample collection (meter)

Longitude = longitude of sample collection (meter)

Temp_C = water temperature (celsius)

T_sd = standard deviation of water temperature during the
measurement (celsius)

Turbidity_FNU = turbidity, reported in FNU (dimensionless)

Turb_sd = standard deviation of turbidity during the measurement
(dimensionless)

ODO_percent = percent dissolved oxygen (dimensionless)

ODO_sd = standard deviation of dissolved oxygen during the
measurement (dimensionless)

Chlorophyll_RFU = chlorophyll-a fluorescence, reported in RFU
(dimensionless)

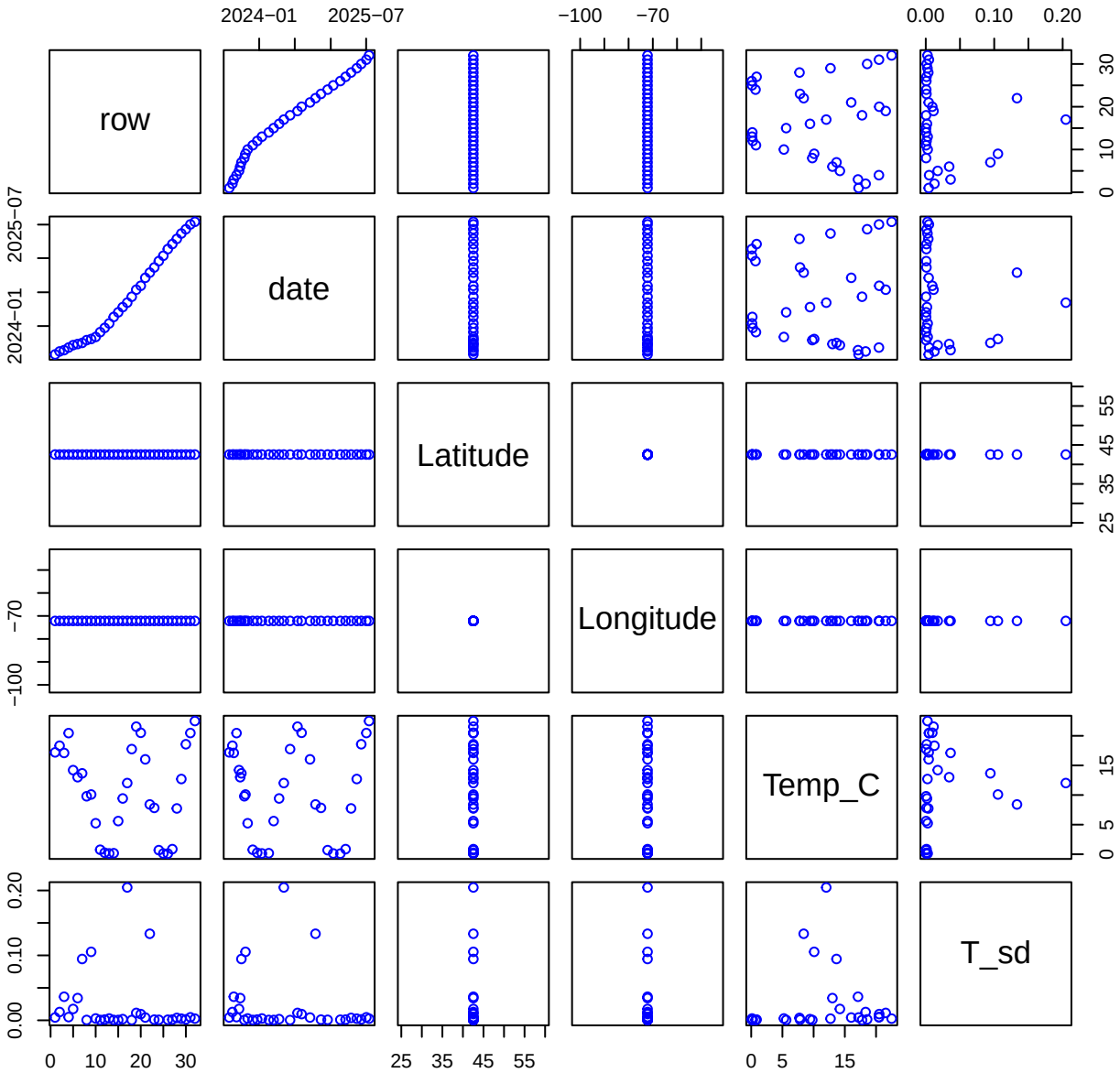
Chl_sd = standard deviation of chlorophyll fluorescence during the
measurement (dimensionless)

FDOM_RFU = fluorescent dissolved organic matter (FDOM) fluorescence,
reported in RFU (dimensionless)

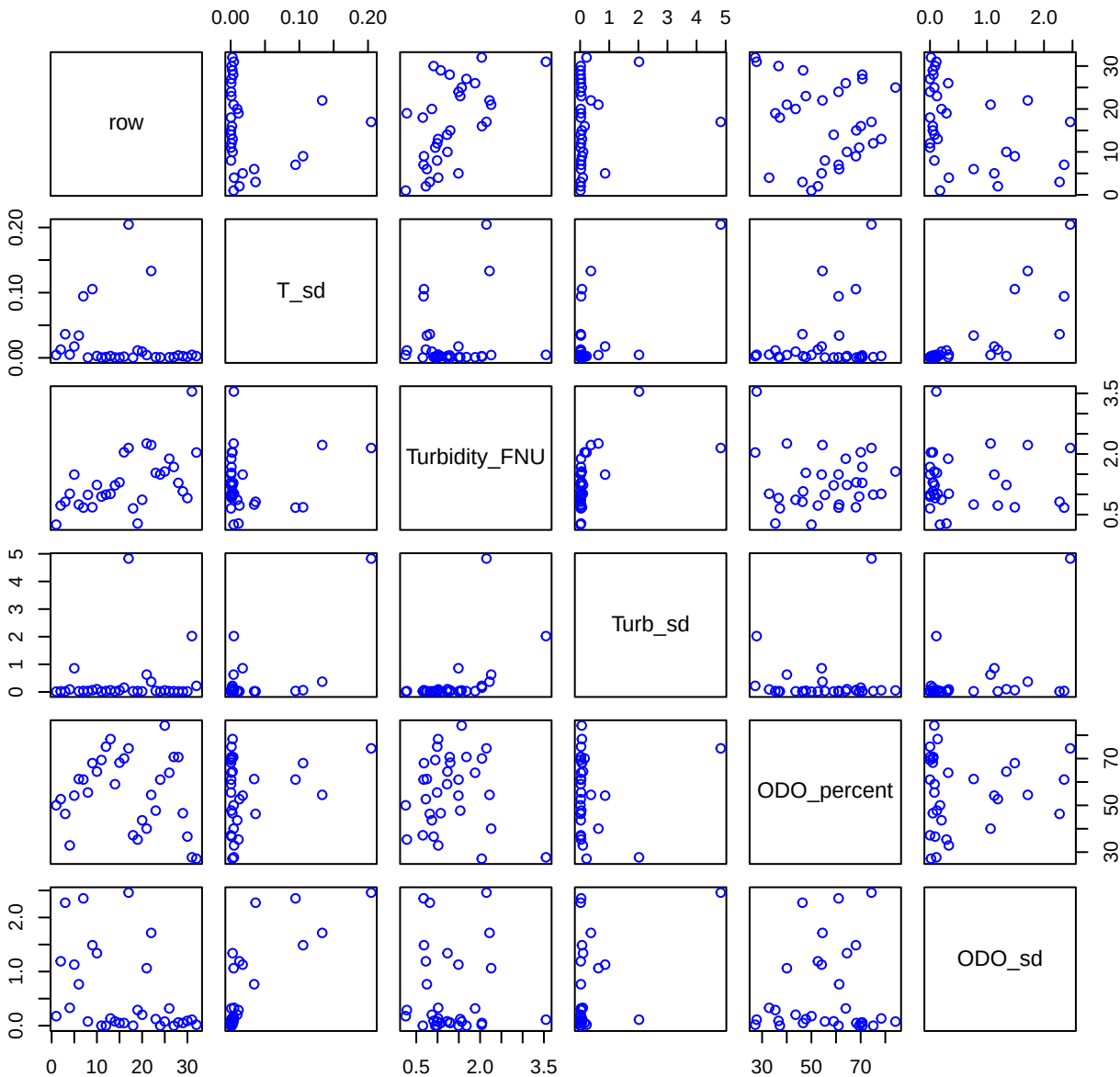
FDOM_sd = standard deviation of FDOM fluorescence during the
measurement (dimensionless)

Variable	Min	Median	Mean	Max	NAs
date	2023-08-01	2024-04-24	2024-06-02	2025-07-16	0
Latitude	42.539	42.539	42.539	42.539	0
Longitude	-72.172	-72.172	-72.172	-72.172	0
Temp_C	0.102	11.056	10.728	22.496	0
T_sd	0.000	0.003	0.023	0.205	1
Turbidity_FN	0.252	1.149	1.300	3.548	0
Turb_sd	0.012	0.032	0.312	4.829	0
ODO_percent	27.203	57.275	55.879	84.127	0
ODO_sd	0.000	0.128	0.563	2.460	0
Chlorophyll_	0.176	0.377	0.405	0.889	0
Chl_sd	0.005	0.008	0.013	0.163	0
FDOM_RFU	18.939	32.611	31.432	44.005	0
FDOM_sd	0.011	0.038	0.144	2.035	0

HF459-09 Plot 1



HF459-09 Plot 2



HF459-09 Plot 3

