

Harvard Forest Data Archive HF459-13

Data File:

Name = hf459-13-au-ysi.csv

Description = Arthur Brook Upper YSI EX0 sonde data

Rows = 32 Columns = 15

MD5 checksum = 9c5b0a354dcbddf473dd530117c2f4bb

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)

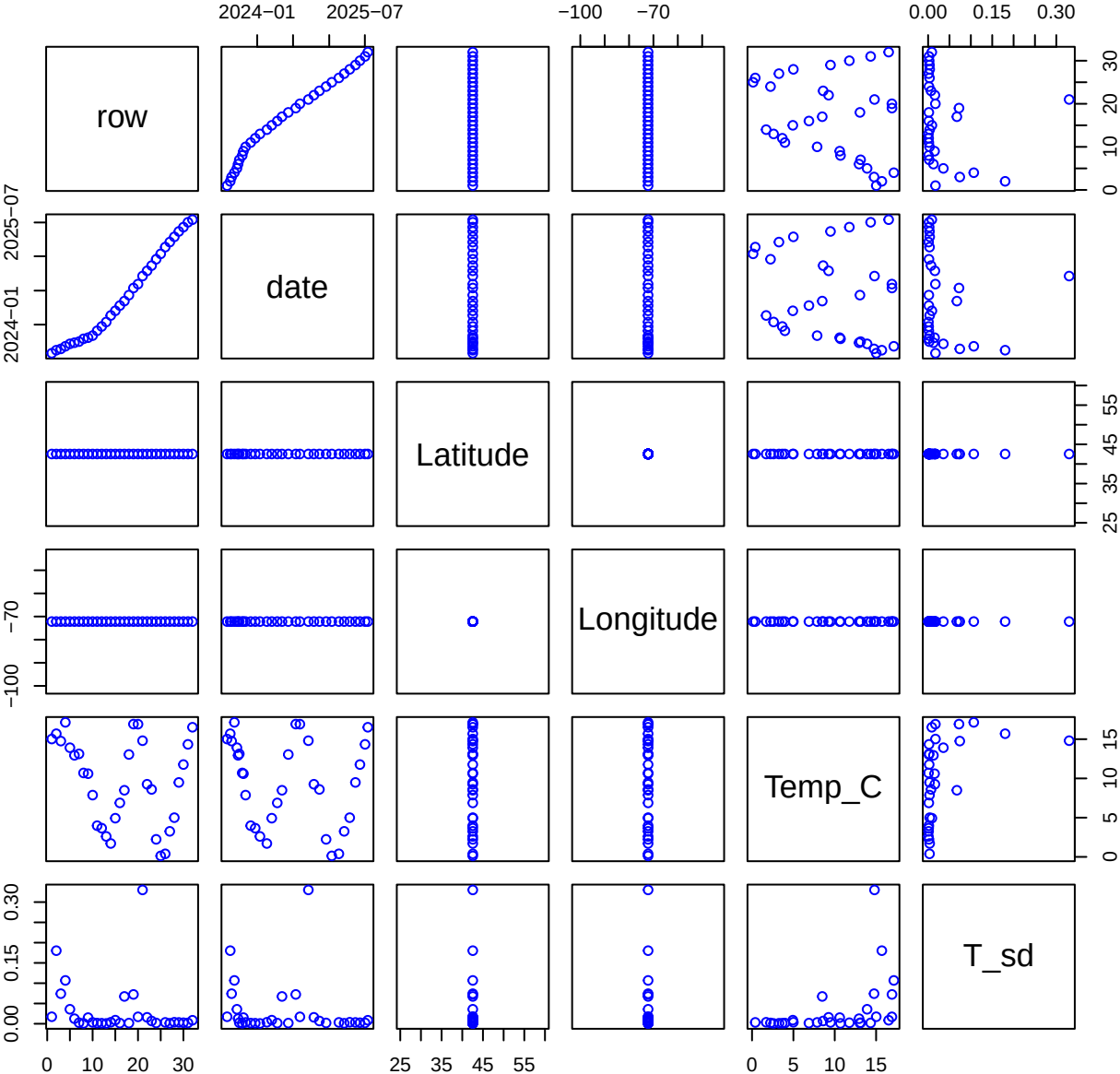
Chl_sd = standard deviation of chlorophyll fluorescence during the
measurement (dimensionless)

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

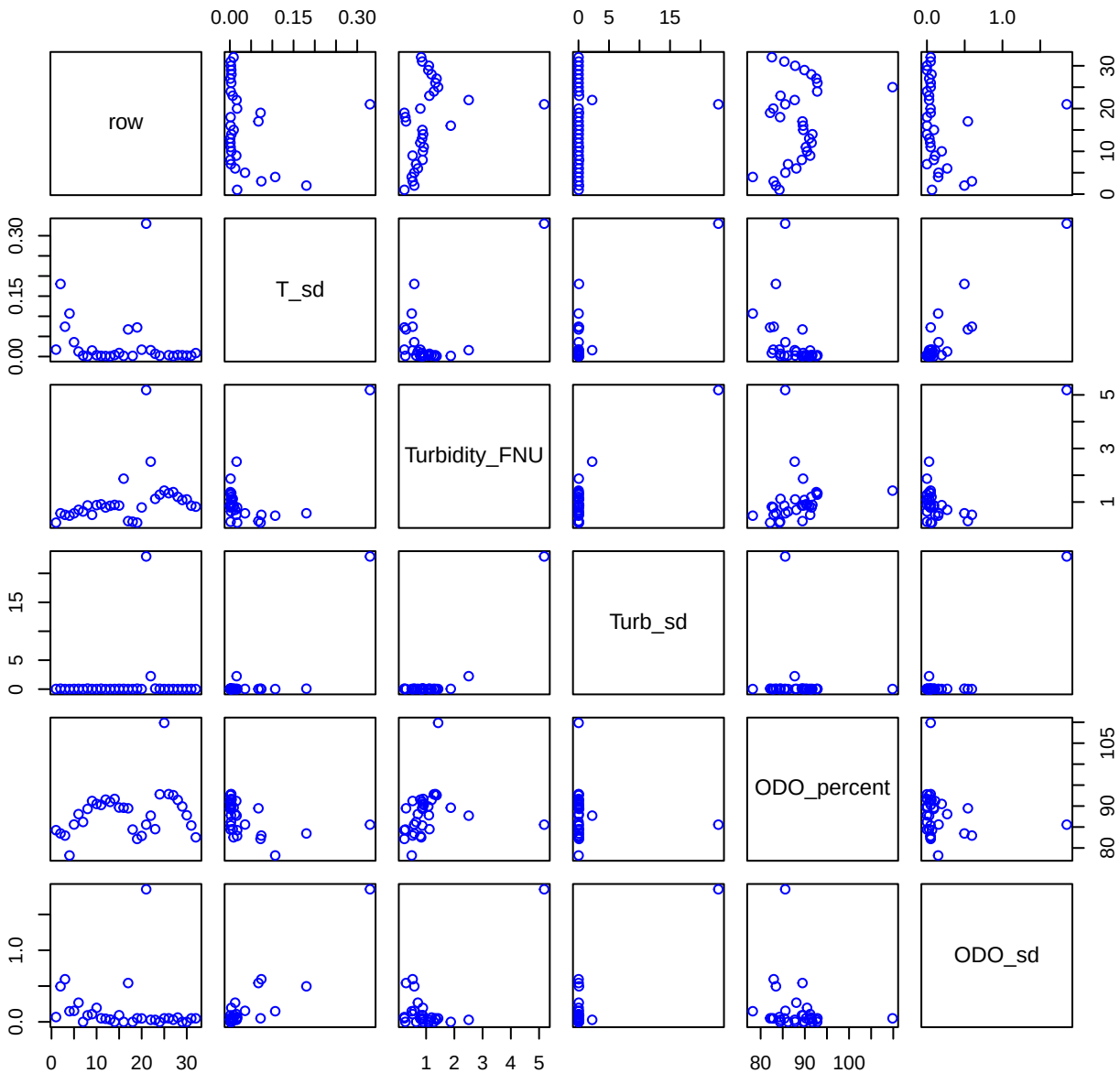
FDOM_sd = standard deviation of FDOM fluorescence during the
measurement (dimensionless)

Variable	Min	Median	Mean	Max	NAs
date	2023-08-01	2024-04-24	2024-06-02	2025-07-16	0
Latitude	42.543	42.543	42.543	42.543	0
Longitude	-72.177	-72.177	-72.177	-72.177	0
Temp_C	0.130	10.044	9.583	17.142	0
T_sd	0.001	0.004	0.032	0.330	1
Turbidity_FN	0.230	0.866	1.034	5.181	0
Turb_sd	0.013	0.022	0.819	22.919	0
ODO_percent	78.214	88.695	88.290	109.842	0
ODO_sd	0.000	0.050	0.162	1.851	0
Chlorophyll_	0.056	0.116	0.135	0.529	0
Chl_sd	0.004	0.007	0.010	0.072	0
FDOM_RFU	9.720	16.851	17.432	37.655	0
FDOM_sd	0.009	0.025	0.050	0.365	0

HF459-13 Plot 1



HF459-13 Plot 2



HF459-13 Plot 3

