

Harvard Forest Data Archive HF459-16

Data File:

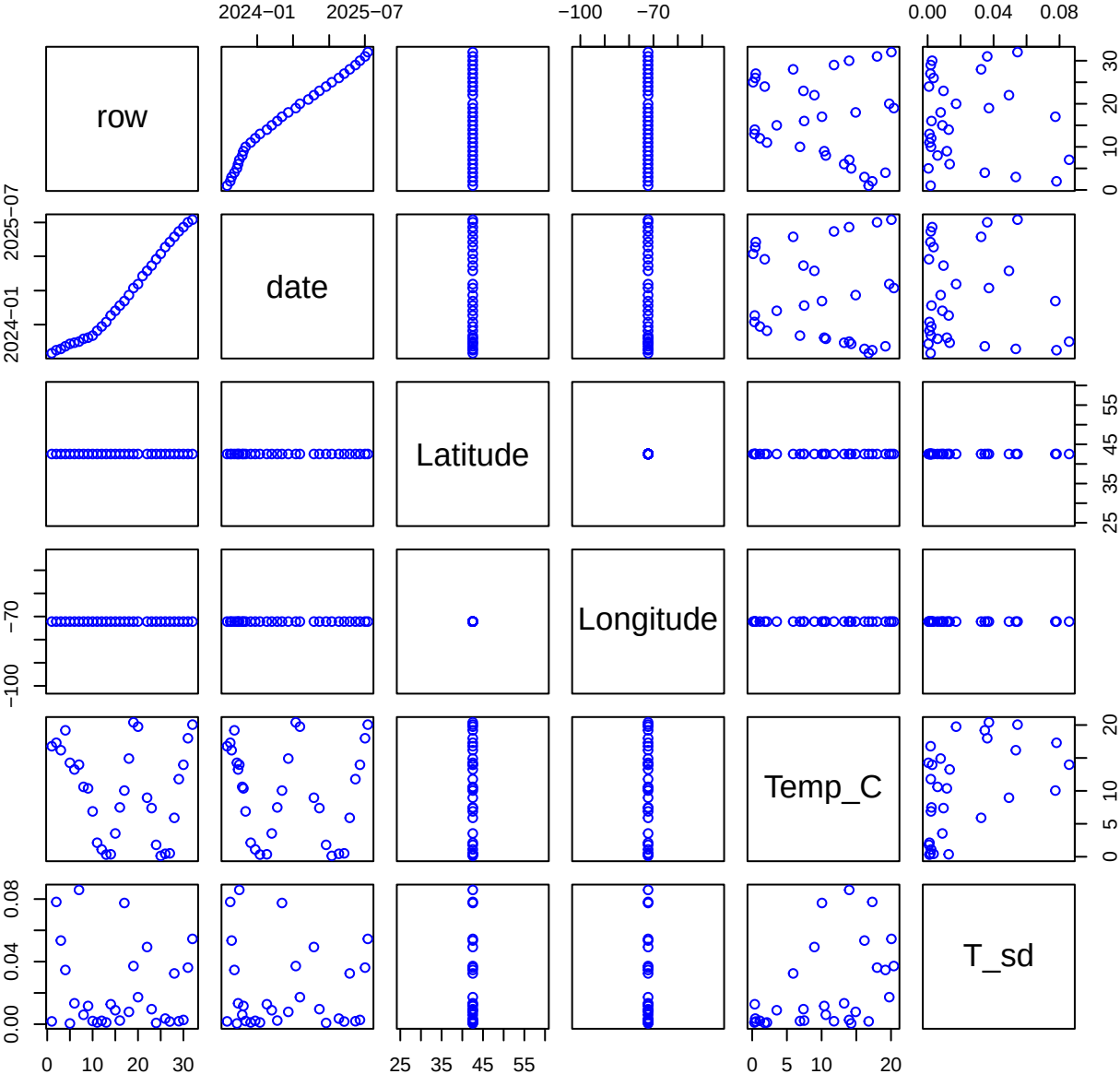
Name = hf459-15-nb-ysi.csv
Description = Nelson Brook YSI EX0 sonde data
Rows = 32 Columns = 15
MD5 checksum = e70768e5e9abbbb3dd401f070ee2e6db

Variables:

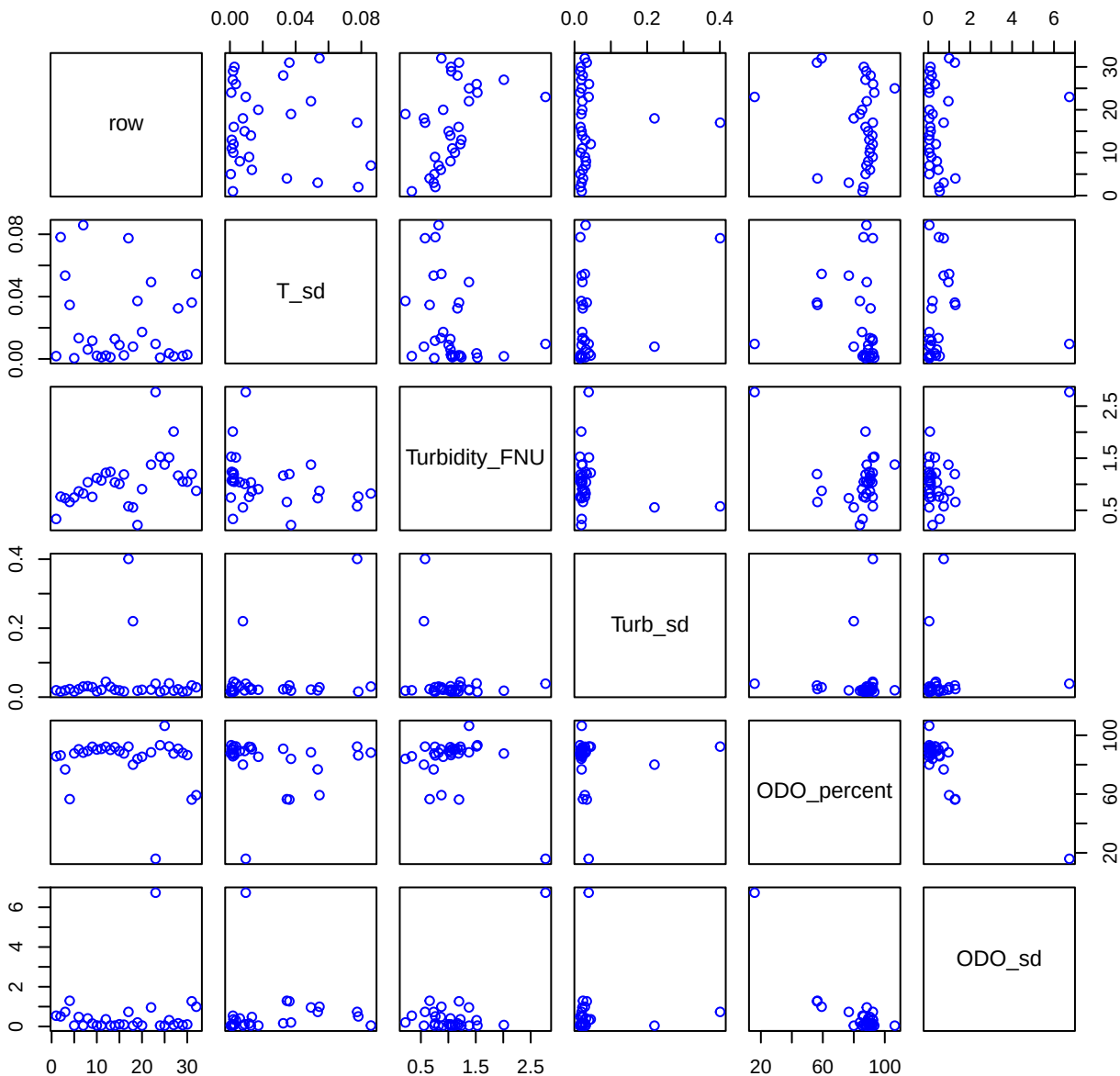
date = date of sample
Latitude = latitude of sample collection (meter)
Longitude = longitude of sample collection (meter)
Temp_C = water temperature (celsius)
T_sd = standard deviation of water temperature during the
measurement (celsius)
Turbidity_FNU = turbidity, reported in FNU (dimensionless)
Turb_sd = 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	42.535	42.535	42.535	42.535	1
Longitude	-72.186	-72.186	-72.186	-72.186	1
Temp_C	0.130	10.381	9.929	20.405	1
T_sd	0.000	0.009	0.022	0.086	2
Turbidity_FN	0.218	1.039	1.057	2.769	1
Turb_sd	0.015	0.021	0.042	0.401	1
ODO_percent	15.949	88.174	83.592	106.426	1
ODO_sd	0.043	0.150	0.542	6.733	1
Chlorophyll_	0.774	1.501	1.393	1.897	1
Chl_sd	0.006	0.008	0.010	0.027	1
FDOM_RFU	32.416	38.936	39.634	48.361	1
FDOM_sd	0.007	0.029	0.049	0.225	1

HF459-16 Plot 1



HF459-16 Plot 2



HF459-16 Plot 3

