

each measurement
1205
2 repetitions
4 minutes
wind + volume couple
temp measurement
12.999.000

output file:
Lake Erie
Portage River 7-7-22
for first measurement
coil temp

$$\frac{cm}{2} \left| \begin{array}{c} 20.2 \\ 20.7 \\ 20.3 \end{array} \right.$$

turn on ~~the~~ chamber before you connect to wifi

Synoptic - monthly sampling			Event: 2022 summer [month JULY]			General Notes/Observations:				
Measurement: Soil Fluxes [CH4] and [CO2]						Using Eastern time ✓				
Collection Date:			Personnel:			2 min slope from the second measurement from				
Site	Zone	Collar ID	Date	Start Time	End Time	CO2 (ppm/s)	CH4 (ppb/s)	Notes T °C	offset	Notes
Portage river	upland	S1	7-7-22	11:17	11:19	4.512	-0.287	21.2 20.7 20.3	8.5	start time from 2nd
Portage river	upland	S2		11:31	11:36	6.839	-0.367	23.5 21.9 20.8	9	4 minutes
Portage river	upland	S3		11:41	11:46	0/3.142	0/-0.517	21.9 21.3 20.7	8.33	did turn
Portage river	upland	S4		12:04	12:08	5.059	-0.962	22.3 21.7 21.0	7.00	
Portage river	upland	S5		12:21	12:26	4.325	-0.289	22.4 21.7 21.3	8.37	556 correct
Portage river	upland	S6		12:42	12:46	4.706	-0.420	22.5 21.8 21.2	9.63	
Portage river	upland	S7		12:53	12:58	6.152	-0.990	21.9 21.2 20.5	8.00	
Portage river	upland	S8		12:59	1:05	4.294	-0.647	22.3 21.8 21.0	8.50	
Portage river	transition	S9		13:09	13:15	3.258	-0.106	22.8 21.0	7.00	
Portage river	transition	S10		13:19	13:24	3.603	-0.181	21.6 21.2 20.7	7.50	
Portage river	transition	S11		13:38	13:44	24.247 20.112	-1.441 -1.163	23.9 23.4 21.8	8.17	
Portage river	transition	S12		13:29	13:34	5.196	-0.597	23.9 23.4 22.6	7.00	final temp is 8 min so
Portage river	transition	S13		14:03	14:09	7.076	-1.572	30.0 27.9 24.3	7.13	2
Portage river	transition	S14		14:11	14:17	4.570	-0.373	23.3 22.2 21.4	8.00	
Portage river	transition	S15		14:18	14:23	5.241	-0.062	22.5 21.5 20.6	8.5	
Portage river	transition	S16		13:55	14:00	4.382	-0.242	24.1 22.6 21.3	7.00	
Portage river	wetland	S17		14:34	14:38	7.463	24.304	27.3 24.3 22.2	5.25	used 5-3
Portage river	wetland	S18		14:43	14:49	7.941	0.374	23.1 22.2 21.3	11	
Portage river	wetland	S19		14:52	14:57	5.746	0.931	23.8 22.1 21.0	9	
Portage river	wetland	S20		15:00	15:05	4.115	0.551	23.2 21.5 20.7	10	
Portage river	wetland	S21		15:07	15:13	6.726	12.785	30.2 27.0 24.5	7.5	think used 6.5 correct
Portage river	wetland	S22		15:16	15:20	4.923	2.330	26.4 23.4 21.0	6.5	
Portage river	wetland	S23		15:22	15:28	6.774	3.681	27.1 24.2 21.2	6.7	
Portage river	wetland	S24		15:30	15:35	0.367	5.965	22.2 22.8 21.2	8.3	

water vapor
S11 was 29,000
unusually high, dead bird nearby.

licor env
20.5