

Synoptic - monthly sampling

Event: 2023 summer [month Jul]

General Notes/Observations:
had many issues with the connecting cord.

Measurement: Soil Fluxes [CH4] and [CO2]

Instrument: NDIR

Collection Date: 7/25/23

Personnel: Emma

Site	Zone	Collar ID	Start Time	End Time	CO2 flux1	CH4 flux1	CO2 flux2	CH4 flux2	pH	Notes
Old Woman Creek	upland N10	S49								
Old Woman Creek	upland	S50	10:09	11:12	12.310	-0.839	10.749	-0.843		measurement OWL-up-50-C
Old Woman Creek	upland	S51	11:16	11:19	5.424	-0.590	5.139	-0.575		
Old Woman Creek	upland	S52	12:05	12:06	10.431	-0.674	5.723	-0.610		OWL-up-52-B
Old Woman Creek	upland N20	S53								
Old Woman Creek	upland	N20	S54							
Old Woman Creek	upland	S55	11:15	11:24	10.627	-0.672	9.175	-0.843		
Old Woman Creek	upland	S56	11:31	11:35	10.281	-1.217	7.017	-1.115		
Old Woman Creek	transition N10	S57								
Old Woman Creek	transition	S58	12:28	12:31	8.527	-0.342	7.732	-0.162	6.84	22.6
Old Woman Creek	transition N20	S59	12:36	12:39	17.383	-0.465	10.505	-0.429		
Old Woman Creek	transition	S60	12:48	13.592	-0.465	10.505	-0.399	6.81	22.5	CH4flux2: -0-399 / end time 12:5
Old Woman Creek	transition	S61	13:03	1:05	15.093	-0.205	8.512	-0.201	6.94	22.9
Old Woman Creek	transition N10	S62								
Old Woman Creek	transition	S63	12:43	12:46	5.647	-0.020	6.040	0.017	6.84	23.2
Old Woman Creek	transition	S64	12:49	12:52	4.642	0.401	4.327	0.076	6.16	22.3
Old Woman Creek	wetland	S65								
Old Woman Creek	wetland	S66	3:01		7.850	3.523	6.630	2.691	7.13	22.8
Old Woman Creek	wetland	S67								
Old Woman Creek	wetland	S68								
Old Woman Creek	wetland	S69								
Old Woman Creek	wetland	S70								
Old Woman Creek	wetland	S71	2:40	2:44	15.568	58.253	12.660	45.585	6.91	Temp 22.4 plants pulled out some soil
Old Woman Creek	wetland	S72								

W-1-C

2:40 2:44 7.333 3.487 7.104 3.276

2:32 2:35

2:51 2:54 13.120 4.444 10.256 8.146

pH: 7.035
Temp: 25.6 °CpH: 6.94
Temp: 23.8

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W-3-