

COMPASS CB Synoptic Site Tree Gas Data Sheet

Site Name: MSM

Date: 7/13/23

Sampler(s): Sam W

Instrument: Louise

General Notes:

Temp @ 9:30 82° F
10:28 86° F
gas sampling ~ 1:45 start
done with TR @ 2:02

Transect Location	Tree #	Start Time	End Time	Gas Sample (mL)	CH ₄ flux (ppb/s)	CO ₂ flux (ppm/s)	Notes
Upland	1	9:46:40	9:48:40	12	0.010	0.005	
Upland	2	9:52:30	9:54:30	12	0.009	0.035	
Upland	3	9:56:40	9:58:40	12	0.001	0.004	
Upland	4	10:00:50	10:02:50	12	0.004	0.004	
Upland	5	10:07:30	10:09:30	12	0.008	0.009	
Upland	6	10:11:40	10:13:40	12	0.006	0.010	
Upland	7	10:15:50	10:17:50	12	-0.003	0.010	
Upland	8	10:20:40	10:22:40	12	0.004	-0.045	
Upland							
Transition	4	10:26:20	10:28:20		0.011	0.008	
Transition	7	10:30:50	10:32:50		0.009	0.033	
Transition	6	10:35:00	10:37:00		0.010	0.006	
Transition	5	10:39:10	10:41:10		0.005	0.005	
Transition	3	10:44:00	10:46:00		0.005	0.014	
Transition	2	11:04:10	11:04:10		0.002	0.160	
Transition	1	11:12:30	11:14:30		0.039	0.235	
Transition	8	11:16:00	11:18:00		0.012	0.012	
Transition							

Dead trees:

DS	3	11:08:20	11:10:20		0.019	1.353	
DS	1	11:23:20	11:25:20		-0.011	-0.017	
DS	2	11:29:20	11:31:20		-0.006	0.632	wavy CO ₂