

Robert
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using
some
measurements
for upland
as last
time

Synoptic - monthly sampling			Event: 2022 summer [month JULY]			General Notes/Observations:				
Measurement: Soil Fluxes [CH4] and [CO2]										
Collection Date:			Personnel:							
Site	Zone	Collar ID	Date	Start Time	End Time	CO2 (ppm/s)	CH4 (ppb/s)	Notes	TFC	Notes
Crane Creek	upland	S25	07-12-22	13:29	13:35	7.232	-2.877	7.15	21.9/21.1/20.6	
Crane Creek	upland	S26						8		
Crane Creek	upland	S27		13:05	13:10	6.633	-1.346	6.8	22.1/21.2/20.8	
Crane Creek	upland	S28						6.7		
Crane Creek	upland	S29		13:14	13:19	4.690	-0.372	7.1	22.2/21.4/20.9	use S29b
Crane Creek	upland	S30		13:22	13:27	5.869	-1.211	7.5	22.1/21.5/20.9	depth is ~ 9cm
Crane Creek	upland	S31						6.8		
Crane Creek	upland	S32		12:56	13:01	5.181	-1.723	7.3	22.1/21.4/20.8	S32b
Crane Creek	transition	S33								
Crane Creek	transition	S34		11:21	11:27	6.192	-0.536	10.25	20.8/20.4/20.2	
Crane Creek	transition	S35		10:55	11:01	9.447	-0.265	8	21.3/21.1/20.7	
Crane Creek	transition	S36		11:40	11:46	9.636	0.675	9	22.2/21.1/20.8	
Crane Creek	transition	S37		12:00	12:05	6.476	0.106	8	22.0/20.8/20.2	
Crane Creek	transition	S38								
Crane Creek	transition	S39								
Crane Creek	transition	S40		12:20	12:25	7.883	-0.762	9.5	22.0/21.1/20.6	
Crane Creek	wetland	S41		10:37	10:43	2.396	509.869	5	23.5/22.2/21.7	
ane Creek	wetland	S42								
ane Creek	wetland	S43		12:12	12:17	2.330	1619.821	9	22.8/22.1/21.6	"43 First" gave me duplicate
ane Creek	wetland	S44		11:11	11:16	6.666	1096.667	8.5	22.9/21.6/21.4	
ane Creek	wetland	S45		11:30	11:36	3.390	507.087	12	24.5/22.2/21.4	
ane Creek	wetland	S46								
ane Creek	wetland	S47		11:51	11:56	2.919	221.025	12	23.7/22.5/21.7	
ane Creek	wetland	S48								

offset (cm)

After finishing
in the upland,
hammering
all down to 5cm

S36-38
more in
sun than
shaded
trees
= methane source?

using #3 of HCL
for S36,
kept going 0