

# ELEVATE Jan 2025

Date

site	pup	soil pair?	offset 4x	Time
N4 E1	C1	Y	9,10,8,9	11/5 08:10 local time
N4 E1	C2	Y	7,9,7,8	
N4 E1	C3	Y	9,10,10,8	
N4 E1	C4	N	10,10,10,9	
N4 E1	C5	N	9,9,8,10	
N3 Con	C1	N	9,9,7,8.5	11/5
N3 Con	C2	N	9,10,9.5,10	9:30 am
N3 Con	C3	N	8,8.5,9,9	local
N3 Con	C4	N	6,6.5,6.5	short
N3 Con	C5	N	5,6.5,8,4	site
N4 Con	C1		5,4,6,5.6	11/5
N4 C	C2		5,5.5,6.5	10:30
N4 C	C3		6,6,6.5,5	11:00
N4 C	C4		7,7,7,8	11:30
N4 C	C5		8,8,7,8.5	
N3 E1	C1		9,7,8.7	11:15
N3 E	C2		9,5.5,8,7.5	local time
N3 E	C3		8,8,7,7	
N3 E	C4		7,7,7,4.7	
N3 E	C5		5,5,5,6	

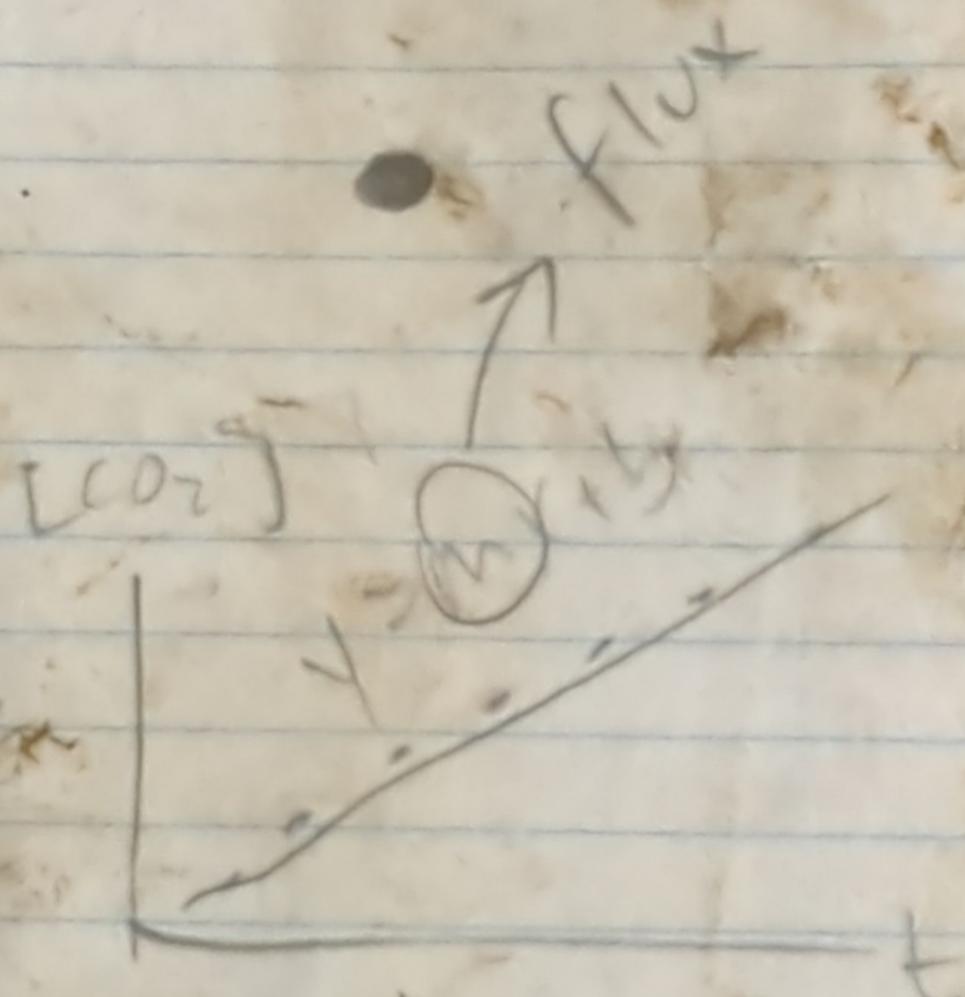
Site	Rip	Offset	Time Day
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NI EI	C1	8,8,8,8	1/5
NI EI	C2	6,6,7,6.5	14:31
NI EI	C3	6,5,8,7	local
NI EI	C4	7,5,9,5,7,9	true
NI EI	C5	9,7,10,7.5	

NI Con	C1	5,5,77	3:40
	C2	5,7,6,9	local true
	C3	6,7,8,8	1/5
	C4	6,7,7,6.5	

OUT OF BATTERY, SKIPPED SITE

N7 C	C1	6,7,5,7	4:30
N7 C	C2	7,7,6,5,6.5	
N7 C	C3	8,8,8,7	
N7 C	C4	8,9,5,4.5,8	
N7 C	C5	5,6,6,7	
NI EI	61	6,6,5,8,6	5.00
NI EI	62	6,7,8,8.5	
NI EI	63	7,8,8,6	
NI EI	64	5,5,6,7,9	
	65	8,5,5,6,9	



1/21/28

## S3 Elevated

Rep	walk	offset	Notes/Tim
C1	9,5 NE	9,8,10,7	10:45
C2	2,6 NW	7,8,7,9	
C3	5,5 SE	4,4,5,6	
C4	6,4 SW	5,4,4,6	
C5	8,9 NE	8,7,9,9	
C6	8,2 NW	7,8,5,8	
C7	9,9 SE	5,6,5,6	
C8	8,5 SE	9,8,9,10	
C9	W, D N	5,3,6,3	
C10	9,2 NW	8,7,8,7	
C11	9,7 SE	8,8,6,7	
C12	4,1 SW	6,5,5,5	
C13	7,8 NE	7,7,5,6	ORAN 2
C14	5,2 NW	9,8,8,8	
C15	9,5 SE	8,9,7,7	

↑  
Don't  
trust  
walk  
numbers  
to map

reminder to  
emphasize  
time spans - miles  
gaps - miles  
a little voice

1:40

53

Control

11625

Rip	Walk	Offset	Notes
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C1	0.5 SE	8,8,8,9	
C2	7.9 SW	9,10,8,7	
C3	3.0 NE	8,8,8,9	
C4	3.2 NW	8,8,7,7	
C5	6.8 SE	8,6,9,9	
C6	4.3 SW	8,8,9,8	
C7	3.7 NE	8,7,9,9	
C8	1.0 NW	8,8,9,9	
C9	4.4 SE	8,9,8,10	Y000 J000
C10	3.10 SW	9,8,9,7	
C11	6.6 NE	8,6,9	
C12	3.2 NW	9,7,8,7	
C13	7.7 SE	8,8,6,9	
C14	3.9 SW	9,9,10,8	→ 9,9,10,8
C15	1.5 NE	9,9,8,7	

SITE: S1 CO<sub>2</sub>

11, 10 January

REP	WALK	OFFSET	NOTES
C1	3, 9 NE	6, 6, 7, 7	11:20
C2	8, 8 NW	8, 8, 8, 6	
C3	10, 9 SE	7, 7, 7, 8	
C4	6, 8 SW	8, 8, 8, 7	
C5	9, 3 NE	5, 3, 3, 6	
C6	4, 7 NW	7, 6, 6, 6	
C7	1, 7 SE	7, 7, 7, 5	
C8	3, 8 SW	8, 8, 8, 7	
C9	7, 9 NE	7, 8, 8, 9, 9	
C10	0, 0 NW	8, 10, 7, 7	
C11	2, 4 SE	9, 9, 9, 8	
C12	0, 9 SW	8, 8, 9, 8	near hole
C13	0, 7 NG	<del>9, 8, 8, 8</del>	9, 9, 9, 6
C14	5, 9 NW	9, 10, 9, 9	
C15	8, 2 SE	8, 8, 9, 8	

SITE: SI CON

Rep	Wkth	Distrn	Offset	Notes
C1	8,5	SW	8,9,8,10	
C3	8,6	NE	9,9,9,10	
C2	7,2	NW	9,9,9,8	
C4	5,2	SE	8,9,10,7	
C5	4,3	SW	9,10,8,7	
C6	7,7	NE	8,8,7,8	
C7	1,9	NW	7,7,8,9	
C8	3,4	SE	8,8,9,9	
C9	5,7	SW	8,6,7,9	
C10	5,7	NE	9,9,9,9,5	
C11	7,8	NW	8,8,8,8	
C12	1,2	SE	9,7,9,9	
C13	6,2	SW	9,8,7,8	
C14	9,4	NO	9,8,7,7	
C15	2,4	NW	9,9,8,8	

SS: CO

10:20

Rep	Walk.	Dirtn	Offset	Notes
C1	5,3	SE	8,8,8,7	10:30
C2	6,0	SW	9,7,6,4	
C3	5,7	NE	{ 6,7,8	
C4	6,6	NW	8,8,8,9	
C5	9,1	SE	8,8,7,6	
C6	8,9	SW	7,7,8,8	
C7	2,1	NE	9,8,10,9	
C8	7,9	NE	8,9,10,10	
C9	6,10	SE	8,8,6,6	
C10	6,10	SW	9,9,9,8	
C11	1,7	NW	9,8,9,7	
C12	4,4	NW	10,10,9,9	
C13	7,1	SE	8,9,8,8	low R* near stream
C14	7,6	SW	10,7,16,9	redo
C15	8,2	NE	7,7,8,7	



Fluxes → holes in ground  
allowing flux into lot accumulate

\* stream bed

S5:CON 12/19

Rep	Walk	Dirctrn	Offset	Note
C1	53	NW	5,8,9,7	12:30
C2	42	SE	9,9,8,8	0:00
C3	11	SW	7,8,9,0	0:00
C4	61	NE	9,9,7,5	3
C5	96	NW	9,9,9,8	15
C6	81	SE	7,6,7,5	15
C7	73	SW	7,7,7,1	15
C8	48	NE	7,7,6,7	15
C9	919	NW	8,5,7,0	15
C10	9	SE	7,7,7,1	15
C11	168	SN	7,7,7,0	15
C12	108	NE	9,6,7,7	15
C13	47	Nw	7,7,7,8	15
C14	832	SE	7,6,7	15
C15	87	SW	7,6,5,7	15

no 9:15

54: CO<sub>2</sub>

2:28 PM

Rep	Walk	Pr	Offset	Notes
X C1	3, 0	NE	7678	9,0,010
X C2	9, 9	NW	8,8,88	
X C3	6, 9	SE	109,9,9	
X C4	8, 6	SW	8,99,9	
C5	7, 9	N	8,8,77	
X C6	2, 9	NE	0,1,13	
X C7	5, 5	SE	1,1,9,9	
X C8	1, 10	SW	8,9,9	
X C9	4, 1	NW	0,9,10	
X C10	3, 5	NW	8,9,910	
X C11	4, 7	SE	7,8,8	
X C12	3, 3	SW	9,98,8	
C13	6, 7	NE	8,8,87	
X C14	8, 10	NW	6,3,8,3	
C15	8, 6	SE	6,8,91	

Moderate Rain /  
were wet

S4

4105

SS : CON

Rep	Walk	Pr	Offset	Note
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C1	6, 3	NE	6655	4113
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C2	4, 8	NW	33888	
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X3	4, 8	SE	7889	
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X4	4, 5	SW	7678	no dialogue box
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X5	4, 7	NE	7778	redo
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C6	2, 0	NW	979	
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C7	3, 8	SE	2888	
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C8	8, 3	SW	5676	
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C9	10, 1	NE	2599505	
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C10	3, 4	NW	5, 8, 75, 2, 9	
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C11	3, 6	SE	5, 5, 7, 7	
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C12	3, 8	SE	7, 7, 6	
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C13	3, 7	NE	5, 6, 6	
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C14	9, 1	NW	7, 8, 4, 10	
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C15	3, 9	SE		
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S6 CO<sub>2</sub>

10:20

Rep	Walk	Dr	Offset	Note
V.CI	2,3	NE	7,7,8	10,30
X.C7	2,10	NW	6,8,7,8	
Y.C3	1,3	SE	9,9,8,8	
C4	3,7	SU	8,8,9,9	
X.C5	1,4	NE	6,7,9,7	
C6	1,8	NW	10,11,9,9	
C7	6,6	SE	7,7,6,6	
C8	3,8	SW	7,7,7,8	
C9	0,6	NE	7,7,7,8	
C10	6,0	NW	3,6,7,7	eedd
C11	0,6	SW	7,7,7,6	
A10	5,0	SW	7,7,6,5	
A11	1,1	\$NW	6,6,6,7	
O12	0,2	NE	4,4,8,9	
O13	8,6	SE	7,7,7,7	

Start 1:05

56' CON

Rep.	Walk	Dr.	Offset	Note
X C1	8,6	SE	9,8,7,8,5	1:15
X C2	3,2	SW	8899	
X C3	9,6	NE	7668	
X C4	8,6	NW	9768	
X C5	2,1	SE	9768	
X C6	9,4	SW	85,6,5,8	
X C7	4,7	NE	8,7,6,5	"
X C8	3,4	NW	7,7,8,8	
X C9	5,7	SE	9868	
X C10	5,1	SW	8-0-9-8	
X C11	7,4	NE	7,7,7,7	
X C12	9,9	NW	9,8,6,7	
X C13	10,1	SE	8,8,9,1	
X C14	9,9	SW	9,9,8,8	
X C15	8,12	NE	10,9,8,9	

high fluxes → 3 were redone

different location from Soils

Everything  
before this

page scanned and

added to google

drive on 11/9/2025.

by CSO.

Scale: 1 sec

	SH ID	CO <sub>2</sub> A	CO <sub>2</sub> B	H(CM)	Start(A)	End(B)	NOTE
	Mycor MM 1	1015		-	10:13	10:18	Not sealed constant option?
V1 @ 12:37	419	805	93	1104	10:40	10:47	Remark @ 12:37, 8 mm. in CO <sub>2</sub> P CH4 L PIS Flight
	420	745	154	146	12:09 + 30min	12:04	
	420	745	154	146	12:20	12:24	1:50 12:54
	420	745	154	146	Fluxes ~10min, drops 75%		
V3	420	115	233	1200 2000 2:28 13:33	In a creek bed		

N4

	CO <sub>2a</sub>	CO <sub>2b</sub>	T <sub>a</sub>	T <sub>b</sub>	H(m)	C(m)
	432	546	3:13 14:18	3:43 14:40	24	123

S3 CO1 11/1/25 Begin @ 9:30 Sunny Tarnavans!

		A	B	H	C	Start	End	Note
10	168	0	0			9:00	9:48	possible leave
2100 W 7 11-27"	420	468	67	93	9:31 8:35	8:51		
S3-CO2-28	414	818	229	256	10:02 9:06	10:22 9:30	elevation higher all around Closest as	
S3-CO2-21	460	764	15	82	10:45 9:50	11:05 10:10	at base of tree	
S3-CO2-25	414	719	67	119	11:15 10:20	10:15 10:40	some us missing	
S3-CO2-8-27	4005	622	125	88	12:03 11:07	12:23 11:27	still climbing fluxes	

S3-CON

11/11/25 sunny

Zanmons

Scale: 1 square =

ID

CO<sub>2</sub>  
ACO<sub>2</sub>  
B

Hemp

Com

Start

End

Note

S3-CON-#-22

407

1088

28

114

12:48

17:11

still calm

11:53

12:13

S3-CON-#-2-US1

409

600

97

95

1:22

1:42

on trail.

12:37

12:47

S3-CON-#-2-US2

417

2500

18

84

1:55

2:38

on trail - 43

13:00

13:43

S3-CON-#-2-US3

410

1032

41

90

2:48

14:13

on trail

13:53

3:08

S3-CON-#-2-US2-re

404

1250

27

106

3:16

14:38

retry after

14:20

3:32

cleaning.

## THOUGHTS

Where on the bark matters?  
Solar angle, or shaded canopy  
matters — Z7 had some flues  
affecting the magnitude — but  
this is probably moss from  
sunny spots

CH<sub>4</sub> is positive, not inverse like  
the soils

Respiration is  $\downarrow$  in CO<sub>2</sub> trees  
despite  $\uparrow$  photosynthesis, so  
are they more efficient in CO<sub>2</sub>  
use — is that like WUE

Ratios of photosynthesis to  
respiration

Clean between trees? Soil accumulates  
lates in the inside, near tubes  
may lead to gaps

Collar  $\rightarrow$

H: 5.5 cm  
D: 8 cm

$$V = \pi \cdot (4)^2 \cdot 5.5$$

$$V_{\text{coll}} = 28 \text{ cm}^3$$

7.3

Scale: 1 square =

ST	CON	CO <sub>2</sub> A	CO <sub>2</sub> B	H	C	Start	End	Note
1D VOC6UA-EF1	403.6	3254	59	173	10:03	10:23	6:00	
V E F2	397	910	73	109	10:08	9:28	steep slope.	
V5 EF3	410	850	28	90	10:32	10:54		
V E F3	40				9:37	9:50		
VBF 4	408	1896	51	64	11:02	11:22	In Delta gap	
					10:07	10:27		
					11:18	11:48	thicker moss	
					10:33	10:53	in delta	
Vief 1 long	410				11:30			
					~12:00		longer test	

SS	CO <sub>2</sub>	CAN	SITES	IN VITRO				
ID	#	A	B	H	C	Start	End	Note
BYRCRA	#5	412	08	58	91	8:47	9:07	lots of greenish
BYRCRA	#8	716	505	68	93	7:52'	8:12	pinkish/green
BYRCRA	#9	40	640	60	94	9:21	9:44	green on bark
BYRCRA	#10	421	567	22	22	8:26	8:48	
						10:04	10:24	
						9:09	9:29	
						9:35	10:55	
						9:40	10:00	

5 CON

P	A	CO <sub>2</sub>	B	C	Start	End
BYRCOR #4	44	764	16.0	86.0	1° 11 12:16	1:31 12:36
BYRCOR #5 trunk mossy	420	1216	95	91	1° 40 2° 35	2:00 12:55
BYRCOR #6 *Mossy	42	8360	26	75	2° 1 6° 6	2:31 1:26
BYRCRA #8	415	480	60	77	2:39 1:34	2:59 1:54
BYRCRA #7 GAPS	423	982	30	108	3:00 2:01	3:26 2:21