

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

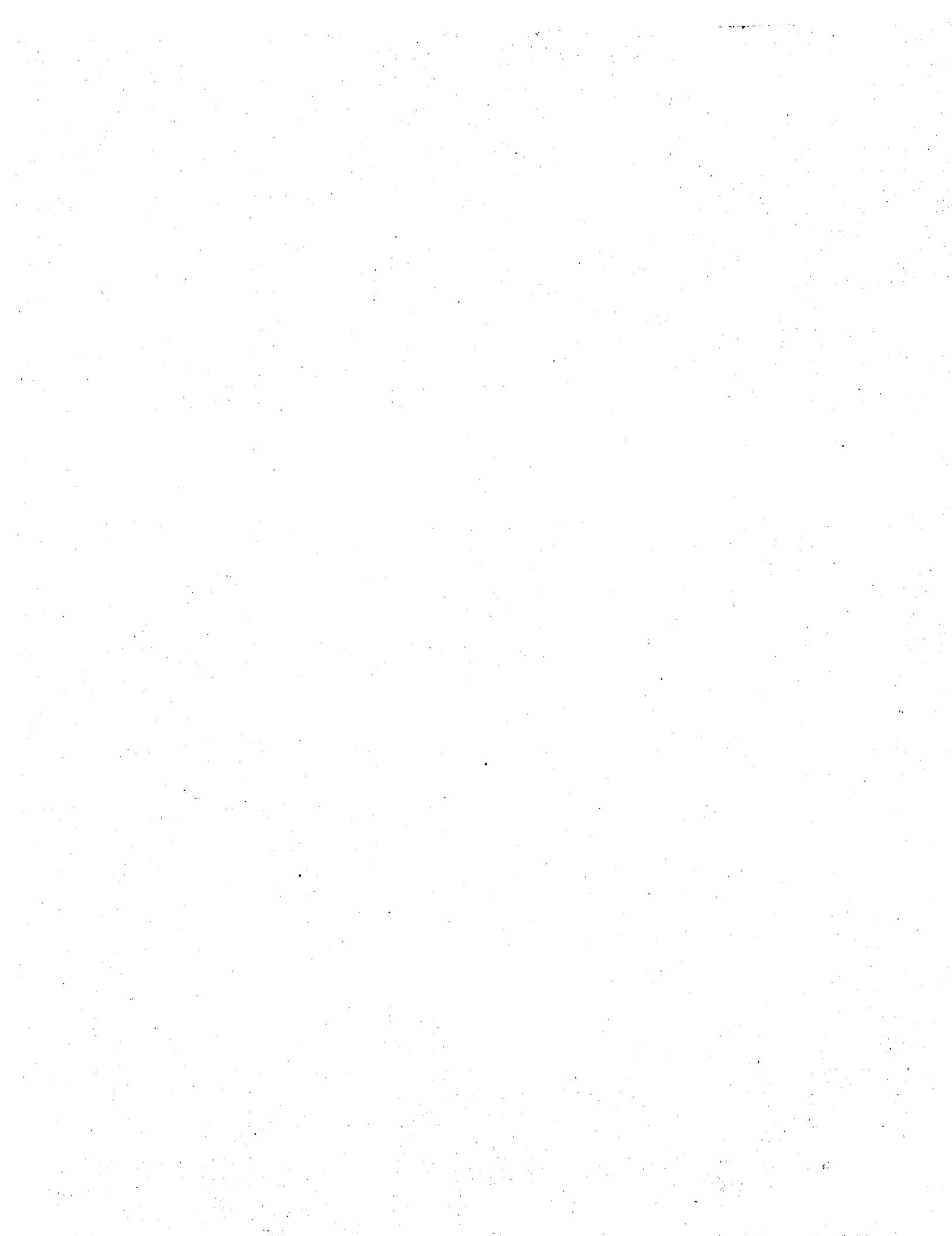
Date: 20-MAR-2023
Personnel: JG + AS

Plot: H I Analyzer: 60R-3

Sunny
Weather:

System Time: 14:43
Real Time: 14:25

Weather:
Notes



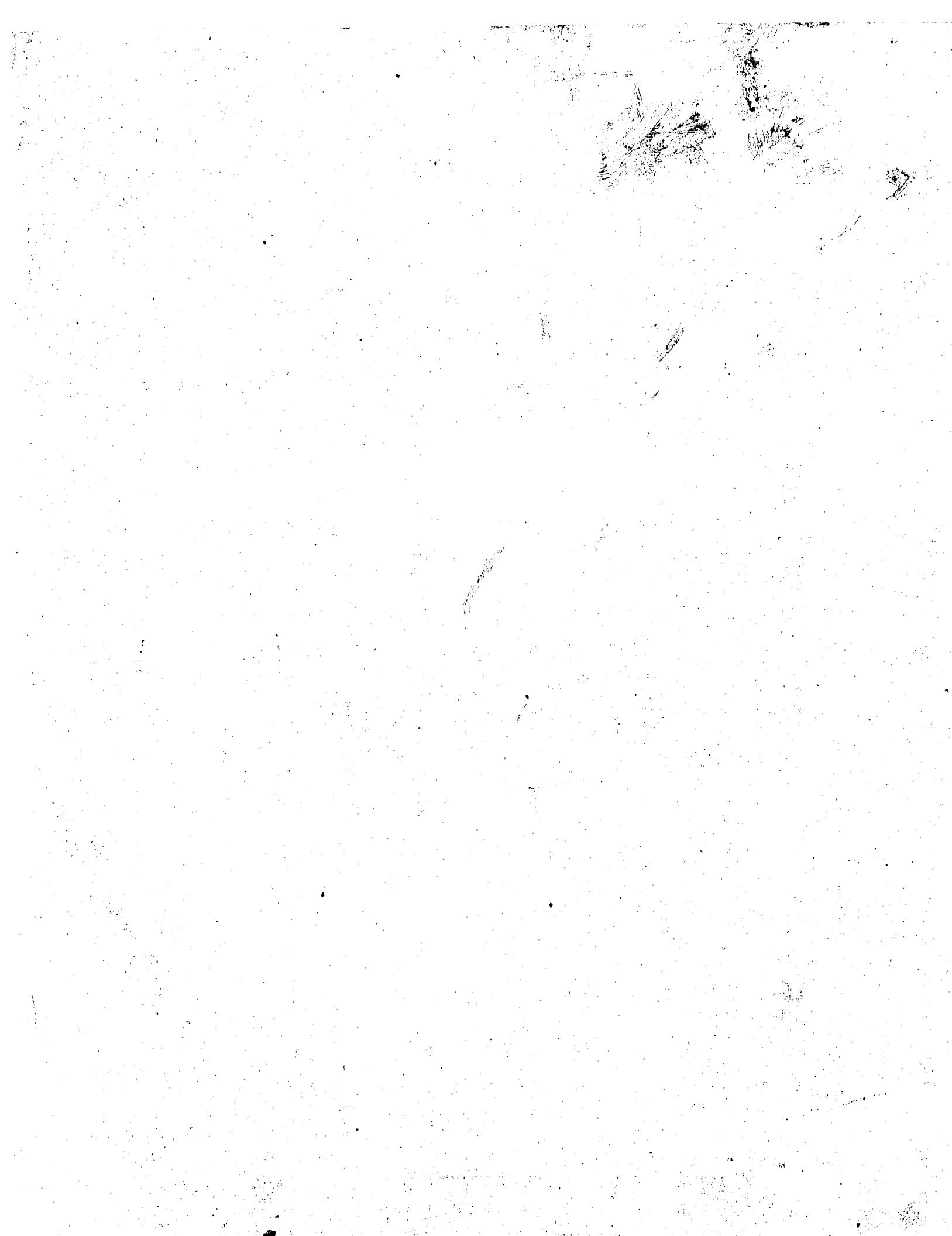
Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 10-May-2023
Personnel: Tjark + A.S.

Plot: $y = 1$
Analyzer: $\text{G}\beta\text{R}^3$

Weather:
Notes:

System Time:
Real Time:
Logging Frequency:



Adams/Gewirtzman - BLUEFLUX Tree Methane

Date: 2023-05-15
Personnel: SG + AS

Plot: $H \perp$
Analyzer: 60R3

Weather:
Notes:

System Time:
Real Time:
Logging Frequency:

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/19/23
Personnel:

Plot: B60
Analyzer: L6K

Weather
Notes:

System Time:

Real Time:

NAL 6663

KITMA

LB

Leaves

83.80

143000
~~136000~~

143300

143300

11 leaves

NAL 6663

KITMA

LB

Leaves 83.9° 143430

143730

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date:

3/9/64 - San

Analy
Plot

Pecan
LGR

Tree Flux Data

Weather:

ther:

System Time:
Real Time:

1034

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Flux Data

Date: _____
Personne _____

Plot: Analyze

Beau
LGR2

Tree ID	Tree Species	Alive/Dead & Decay Class	Tree Component Class (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Time (System)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)
Red Mangrove	Red Mangrove	Live	Stem	55	0	5.1	27	30.4	21.4	9:30:10	09:34:30	10:32:30	40 cm tall
Red Mangrove	Red Mangrove	Live	Attacked Stem	0.2	0	3.8	23.1	28.4	11	10:49:30	10:52:30		
Red Mangrove	Red Mangrove	Live	Attacked Stem	1.5m	0	2.7	26.2	30.4	11	9:54:30	09:57:30		
Red Mangrove	Red Mangrove	Live	Attacked Stem	2.9	0	2.9	24.3	30.4	11	10:32:37	10:35:37		
Red Mangrove	Red Mangrove	Live	Attacked Stem	5.0m	0	3.6	28.2	30.4	21.9	11:37:40	11:40:40	50 cm root crown	
Acacia	Acacia	Live	Attacked Stem	1.8	0	3.1	26.4		11:14:20	11:17:20			
Acacia	Acacia	Live	Attacked Stem	13.5	0	2.6	26.3		11:25:50				
Acacia	Acacia	Live	Attacked Stem	1.7	0	2.2	25.9		11:30:23	11:33:23			
Acacia	Acacia	Live	Attacked Stem	1.7	0	2.2	25.9		11:30:23	11:33:23			

Weather:

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System Time:
Real Time:

System Time:
Real Time:
Logging Frequency:

Adams/Gewirtzman - BLUEFLUX Tree Methane Tree Flux Data

Date: 19 - Mar - 2023

Plot: BL69

Weather
Notes

Weather: Cloudy
Notes:

System Time:
Real Time:
Logging Frequency:

Adams/Gewirtzman - BLUEFLUX Tree Methane

Date: 3/17/2023

Personnel: AS + JP

Plot: B160

Analyzer: LGR3

Tree Flux Data

Tree ID	Tree Species	Alive/Dead & Decay Class	Tree Component (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)
115	Alive	C5	stem	2.5	0	20.5	25.3	80.2	23.0	12:24:30	12:27:30	12:00 pm
	B3	stem	66			15.5	25.2	"		12:37:30		
	B3	stem	108		✓	14.5	24.4	"	✓	12:40:30	12:48:00	12:51:00

Weather:
Notes:

System Time:
Real Time:
Logging Frequency:

9:49
9:30

Adams/Gewirtzman - BLUEFLUX Tree Methane Tree Flux Data

Date: 3/18/2021

Plot:

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date

Personnel:

• lot:

ELM 30

Weather
Notes:

Weather

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 3/18/14
Personnel: Sam + M. T. J.

Plot: ELM 30
Analyzer: LGR 3

Tree ID	Tree Species	Alive/Dead & Decay Class	Chamber ID	Tree Component (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter (cm)	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)
MACWD	Dead A?	Stem	10 cm	10 cm	4 cm	7.1 cm	82.1	81.6	14.23	14.26	30	30	
END Decay A?	Stem	8 cm 6 cm 4 cm	3										

Weather:
Notes:

Sunny

System Time:
Real Time:
Logging Frequency:

10:49
10:30

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date:
Person:

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Anal
Plot

FLEM

Weather

Sunny
Hot

System Time:
Real Time:

10⁻⁴

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/18/2023

Plot: FLM 30

Weather

Weather

System Time: 11:13
Real Time: 11:12

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 18 - Mar - 2023

Plot: F2M30

三

Weather
Notes:

System Time:
Real Time:
Logging Frequency:

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 18-Mar-2023
Personnel: AC + TD

Plot: FLM30
Analyzer: 6027

Sunny (some cloudy)

System Time:

Notes:

Adams/Gewirtzman - BLUEFLUX Tree Methane

18-Mar-2023
Date:

Plot: FLM 30

Tree Flux Data

Personnel: AS + JP

Weather
Notes:

System Time:
Real Time:
Logging Frequency

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/17/23
Personnel: (Signature)

Plot: S E I
Analyzer: L C S K 2

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/17/23
Personnel: G + AS

Plot: SE
Analyzer: LCR3

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/16
Personnel: F.W.

Emily + Sonnen

Plot: Bent
Analyzer: GORZ

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 31/16/2023
Personnel: S. O. M. X T P

Plot: bear lake
Analyzer: LGR2

Weather:

System Time: 10:36
Real Time: 10:35

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 3/16/2023

Plot: Bear Lake

Weather

Real Time:

Adams/Gewirtzman - BLUEFLUX Tree Methane Tree Flux Data

Date:

Date: 3/13/08
Personnel:

Plot:
Analyzer: LGR3

Weather
Notes:

Weather: cloudy

System Time: 12:55
Real Time: 12:55



Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Tree Flux Data

Date:

3/15
Mike & Sweet

Plot: Cp
Analyzer: LGR2

Ada Vis/Gewirtzman - BLUEFLUX Tree Methane

Personnel Data:

31593
Market Street

Plot
Analysis

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: _____

Plot

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Tree ID	Tree Species	Alive/Dead & Decay Class	Tree Component (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux_Start Time (System)	Flux_End Time (System)	Notes (Indicate height of root crown for red mangrove)
Q1	Q1	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	10:00	10:25	Red Mangrove
Q2	Q2	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	10:25	10:40	Red Mangrove
Q3	Q3	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	10:40	11:00	Red Mangrove
Q4	Q4	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	11:00	11:25	Red Mangrove
Q5	Q5	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	11:25	11:40	Red Mangrove
Q6	Q6	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	11:40	12:00	Red Mangrove
Q7	Q7	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	12:00	12:25	Red Mangrove
Q8	Q8	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	12:25	12:40	Red Mangrove
Q9	Q9	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	12:40	13:00	Red Mangrove
Q10	Q10	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	13:00	13:25	Red Mangrove
Q11	Q11	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	13:25	13:40	Red Mangrove
Q12	Q12	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	13:40	14:00	Red Mangrove
Q13	Q13	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	14:00	14:25	Red Mangrove
Q14	Q14	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	14:25	14:40	Red Mangrove
Q15	Q15	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	14:40	15:00	Red Mangrove
Q16	Q16	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	15:00	15:25	Red Mangrove
Q17	Q17	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	15:25	15:40	Red Mangrove
Q18	Q18	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	15:40	16:00	Red Mangrove
Q19	Q19	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	16:00	16:25	Red Mangrove
Q20	Q20	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	16:25	16:40	Red Mangrove
Q21	Q21	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	16:40	17:00	Red Mangrove
Q22	Q22	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	17:00	17:25	Red Mangrove
Q23	Q23	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	17:25	17:40	Red Mangrove
Q24	Q24	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	17:40	18:00	Red Mangrove
Q25	Q25	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	18:00	18:25	Red Mangrove
Q26	Q26	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	18:25	18:40	Red Mangrove
Q27	Q27	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	18:40	19:00	Red Mangrove
Q28	Q28	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	19:00	19:25	Red Mangrove
Q29	Q29	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	19:25	19:40	Red Mangrove
Q30	Q30	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	19:40	20:00	Red Mangrove
Q31	Q31	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	20:00	20:25	Red Mangrove
Q32	Q32	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	20:25	20:40	Red Mangrove
Q33	Q33	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	20:40	21:00	Red Mangrove
Q34	Q34	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	21:00	21:25	Red Mangrove
Q35	Q35	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	21:25	21:40	Red Mangrove
Q36	Q36	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	21:40	22:00	Red Mangrove
Q37	Q37	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	22:00	22:25	Red Mangrove
Q38	Q38	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	22:25	22:40	Red Mangrove
Q39	Q39	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	22:40	23:00	Red Mangrove
Q40	Q40	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	23:00	23:25	Red Mangrove
Q41	Q41	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	23:25	23:40	Red Mangrove
Q42	Q42	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	23:40	24:00	Red Mangrove
Q43	Q43	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	24:00	24:25	Red Mangrove
Q44	Q44	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	24:25	24:40	Red Mangrove
Q45	Q45	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	24:40	25:00	Red Mangrove
Q46	Q46	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	25:00	25:25	Red Mangrove
Q47	Q47	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	25:25	25:40	Red Mangrove
Q48	Q48	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	25:40	26:00	Red Mangrove
Q49	Q49	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	26:00	26:25	Red Mangrove
Q50	Q50	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	26:25	26:40	Red Mangrove
Q51	Q51	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	26:40	27:00	Red Mangrove
Q52	Q52	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	27:00	27:25	Red Mangrove
Q53	Q53	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	27:25	27:40	Red Mangrove
Q54	Q54	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	27:40	28:00	Red Mangrove
Q55	Q55	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	28:00	28:25	Red Mangrove
Q56	Q56	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	28:25	28:40	Red Mangrove
Q57	Q57	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	28:40	29:00	Red Mangrove
Q58	Q58	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	29:00	29:25	Red Mangrove
Q59	Q59	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	29:25	29:40	Red Mangrove
Q60	Q60	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	29:40	30:00	Red Mangrove
Q61	Q61	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	30:00	30:25	Red Mangrove
Q62	Q62	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	30:25	30:40	Red Mangrove
Q63	Q63	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	30:40	31:00	Red Mangrove
Q64	Q64	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	31:00	31:25	Red Mangrove
Q65	Q65	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	31:25	31:40	Red Mangrove
Q66	Q66	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	31:40	32:00	Red Mangrove
Q67	Q67	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	32:00	32:25	Red Mangrove
Q68	Q68	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	32:25	32:40	Red Mangrove
Q69	Q69	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	32:40	33:00	Red Mangrove
Q70	Q70	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	33:00	33:25	Red Mangrove
Q71	Q71	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	33:25	33:40	Red Mangrove
Q72	Q72	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	33:40	34:00	Red Mangrove
Q73	Q73	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	34:00	34:25	Red Mangrove
Q74	Q74	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	34:25	34:40	Red Mangrove
Q75	Q75	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	34:40	35:00	Red Mangrove
Q76	Q76	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	35:00	35:25	Red Mangrove
Q77	Q77	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	35:25	35:40	Red Mangrove
Q78	Q78	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	35:40	36:00	Red Mangrove
Q79	Q79	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	36:00	36:25	Red Mangrove
Q80	Q80	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	36:25	36:40	Red Mangrove
Q81	Q81	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	36:40	37:00	Red Mangrove
Q82	Q82	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	37:00	37:25	Red Mangrove
Q83	Q83	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	37:25	37:40	Red Mangrove
Q84	Q84	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	37:40	38:00	Red Mangrove
Q85	Q85	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	38:00	38:25	Red Mangrove
Q86	Q86	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	38:25	38:40	Red Mangrove
Q87	Q87	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	38:40	39:00	Red Mangrove
Q88	Q88	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	39:00	39:25	Red Mangrove
Q89	Q89	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	39:25	39:40	Red Mangrove
Q90	Q90	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	39:40	40:00	Red Mangrove
Q91	Q91	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	40:00	40:25	Red Mangrove
Q92	Q92	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	40:25	40:40	Red Mangrove
Q93	Q93	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	40:40	41:00	Red Mangrove
Q94	Q94	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	41:00	41:25	Red Mangrove
Q95	Q95	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	41:25	41:40	Red Mangrove
Q96	Q96	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	41:40	42:00	Red Mangrove
Q97	Q97	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	42:00	42:25	Red Mangrove
Q98	Q98	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	42:25	42:40	Red Mangrove
Q99	Q99	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	42:40	43:00	Red Mangrove
Q100	Q100	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	43:00	43:25	Red Mangrove
Q101	Q101	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	43:25	43:40	Red Mangrove
Q102	Q102	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	43:40	44:00	Red Mangrove
Q103	Q103	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	44:00	44:25	Red Mangrove
Q104	Q104	Live	Stem	1.5m	0.5m	14.5	14	14	13.5	44:25	44:40	Red

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/15/2023

Personnel: JG + JP

Plot: C P
Analyzer: L G R 3

Water flux data on back

System Time

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Water flux //

start time	end time	water xewm
15:47	15:50	
16:16	16:19	

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/15
Personnel: JG + JP

Plot: CP
Analyzer: LGR3

Tree ID	Tree Species	Alive/Dead & Decay Class	Chamber ID	Tree Component (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_sun (C)	Flux_start Time (System)	Flux_end Time (System)	Notes (indicate height of root crown for red mangrove)
	black	alive	C5	bare stem	50	10	24	24		23	12:57	13:00	2 stems / split about 20 cm. up
	black	alive	C5	bare stem	90	10cm	16			23	13:03:30	13:06:20	
	black	alive	C5	bare stem	120	10	15.25			23	13:12	13:15	
	black	alive	C5	bare stem	40	10	25			22.7	13:35	13:38	Surrounded by many wing pneumadiphys
	black	alive	C5	bare stem	90	10	24			22.7	13:41	13:44	
	black	alive	C5	bare stem	125	10	25			22.7	13:49	13:53	

Weather:
Notes:

System Time:
Real Time:
Logging Frequency

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/15/2023
Personnel: + 6 -

Plot: C_p
Analyzer: LGR3

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/15/2023
Personnel: T6 + TR

Plot: CP
Analyzer: LGR3

Tree ID	Tree Species	Alive/Dead & Decay Class	Chamber ID	Tree Component (Stem/Root/Pn; Lenticels?)		Height Above Ground	Water Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)
				Stem	Root									
black pine	alive	C5	2	bkt stem		15		33	73.1		1551	1554	301.45 ± 2 1 m air gap stems	
		C5		stem		75		26.5	"		1557	1600	top small living branches & phytomass	
		C5		stem		120		25	"		1605	1608	living bark	

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/13/23
Personnel: S.T.P.

Analyzer: 16R2 Plot: SRS

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 11/13/03

Plot:

Tree ID	Tree Species	Alive/Dead & Decay Class	Chamber ID	Tree Component (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	FluxStart Time (System)	FluxEnd Time (System)	Notes (indicate height of root crown for red mangrove)
660	Red	Live	A6	root (crown 30cm)	0' (feet)	7.0	25.6	79.9	22.9	11:36 30	11:39 30	75	
			AC5	stem	55 cm	0	18.5	25.7		11:46 00	11:49 00		
			C5	stem	105 cm	0	18	26		11:51 05	11:51 05		
			AB	prof	15cm	0	95	26.5		12:03 30	12:06 30		

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 2023/3/13

Plot: SRS5
Analyzer: LGR2

Personnel: Mike & Emily

Tree ID	Tree Species	Alive/Dead & Decay Class	Chamber ID	Tree Component (Stem/Root/Pn. Lenticels?)	Height Above Ground	Water Height	Tree Diameter (cm)	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)
151	Red	Alive	B5	stem	55cm	0	9cm	24.5	19.9	24.0	10:37:19	10:42:19	R. crown 35 cm
			B5	stem	60cm	0	9cm	11	11	11	10:37:19	10:42:19	
			B5	stem	131cm	0	9cm	11	11	11	10:37:19	10:42:19	
			A5	root	5cm	0	10.8cm	11	11	11	10:37:19	10:42:19	
			B5	stem	42cm	0	13.1cm	25.3	19.9	24.1	11:06:13	11:19:13	63cm
			B5	stem	92cm	0	11.5cm	25.8	11	11	11:23:33	11:26:37	
			B5	stem	142cm	0	11.2cm	25.7	11	11	11:27:41	11:32:44	
			B5	root	120cm	0	12.0cm	25.2	11	11	11:36:00	11:39:00	
			A5	root	11cm	0	7.2cm	25.7	11	11	11:46:05	11:49:05	

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3-13-2013

Date: 3-13-23

Plot:

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date:

Date: 3-13-23
Personnel: MA

Plot
Analy

3KSS5

Weather:

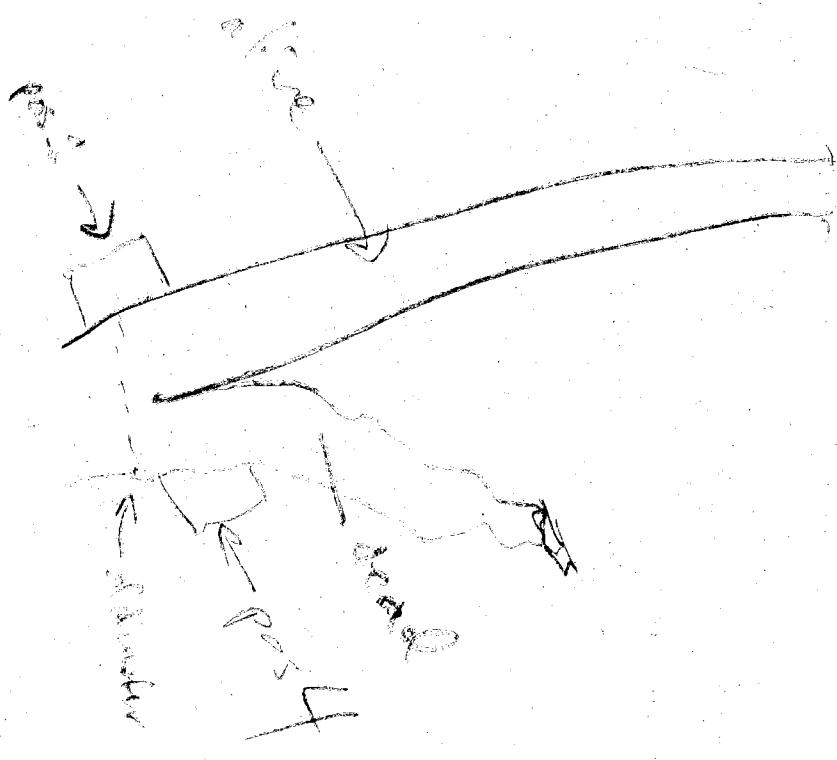
System Time: 13:04
Real Time: 13:04

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 14-8-68
Personnel: 3-13-23

Plot: 

Black Marigold



Black Marigold

Adams/Gewirtzman - BLUEFLUX Tree Methane Tree Flux Data

Date:

Personnel:

Plot:
Analyzer

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date:
ersonne

Plot: 343
Analyzer: L663

Weather: sunny

System Time
Real Time:

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date:

Plot:
Analy

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data Date: _____
Personnel: _____

Date: 3/12

Plot: S R S S

Weather: Sunny
Notes:

System Time:
Real Time:

System Time:
Real Time:

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 3/12

Plot: SBS5
Analyzer: L6RA

Weather:

Notes:

System Time: 12:34
Real Time: 12:33
Logging Frequency: 1 ms

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 3-12-23
Personnel: Samuel & Kinsey

Plot: SRS 5
Analyzer: L6R2

Tree ID	Tree Species	Alive/Dead & Decay Class	Tree Component (Stem/Root/Pn; Height Above Ground)	Height Above Water Height	Tree Diameter	Temp_stem (C)	Temp_air (F)	Temp_soil (C)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)
619	Red	Alive	AS Stem	82cm	2cm	10	27.3	83	23.7	14:35:40	14:38:46 water above soil
			AS Stem	128cm	3cm	9.5	27.2	83	23.7	14:45:40	14:48:46
			AS Root	50cm	6cm	6	27.2	83	23.7	14:54:20	14:57:20
618	Red	Alive	BS Stem	68cm	6cm	14.5	26.5	83	23.5	15:21:20	15:24:20 water above soil
			BS Stem	125cm	7.5cm	13.5	26.8	83	23.5	15:29:50	15:32:50
			BS Stem	166cm	8cm	13.1	27.2	83	23.5	15:37:30	15:40:00
			AS Root	43cm	9cm	9.4	26.2	83	23.5	15:50:45	15:53:45
			AS Root	25cm	10cm	5	26.3	83	23.5	16:03:30	16:06:30 thin root near ground

Adams/Gewi/Hitzman - BLUEFLUX | Tree Methane
Tree Flux Data

Date: 3-11-2023
Personnel: JG, KB

Plot: 3K3G
Analyzer: LGR2

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 3-11-2023
Personnel: JG, KB

Plot: SRS 6
Analyzer: L6K2

Tree ID	Tree Species	Alive/Dead & Decay Class	Tree Component (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)
226	Black	Alive	BS	45cm	32cm	17cm	25.2	75.4°F	26.1	15:25:00	15:28:00	
			BS	95cm	32cm	17cm	25.7	75.4°F	26.1	15:31:00	15:34:00	
			BS	145cm	32cm	17cm	26.0	75.4°F	26.1	15:36:30	15:39:30	
			BS	45cm	35cm	17cm	25.3	75.5°F	26.2	15:50:30	15:53:30	
			BS	95cm	35cm	16cm	26	75.5°F	26.2	15:56:00	15:59:00	
			BS	145cm	35cm	15.5cm	26	75.5°F	26.2	16:02:00	16:05:00	
			C2	50cm	35cm	31.5cm	25.1	73.5°F	26.2	16:10:00	16:13:00	
			C2	100cm	35cm	31 cm	25.7	73.5°F	26.2	16:15:00	16:18:00	
			C2	150cm	35cm	30cm	26	73.5°F	26.2	16:20:15	16:23:15	

Water flux Rⁿ by borehole 16:31 - 16:34 water depth 55cm

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date:
Person:

Analytic Plot

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date:

Personnel:

Pl
An

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date:

Mike & Enik

Plot: SRS6
Analyzer: LGR2

Weather

System Time

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 2023/3/10
Personnel: JG, MZ

Plot: SPS6
Analyzer: LGR3

Tree ID	Tree Species	Alive/Dead & Decay Class	Chamber ID	Tree Component (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter (cm)	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)
503	Red mangroves	Alive	C2	stem	80cm	15cm	39.5	27	26.3	25.8	14:20	14:23	Temp_soil is the temp of the water, 80cm
			C2	stem	130cm	15cm	38.5	27.1	14:39	14:42:30	
			C2	stem	180cm	15cm	34.5	26.6	14:46:00	14:49:00	
			B5	Root	60cm	..	8.5	28.9	15:00:00	15:03:00	
			C2	stem	85cm	22cm	26.5	27.9	83.0	26.4	15:16:18	15:19:15	85cm
501	Red	Alive	C2	stem	135cm	..	25	27.6	15:25:00	15:28:00	
			C2	stem	185cm	..	25	27.5	15:32:00	15:35:00	
			B5	Root	60cm	..	11.5	28.8	15:44:00	15:47:00	

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 2023/3/10

Plot: SRS6
Analyzer: 1600

Tree ID	Tree Species	Alive/Dead & Decay Class	Tree Component (Stem/Root/Pn; Lenticels?)	Height Above Ground	Water Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux Start Time (System)	Flux End Time (System)	Notes (Indicate height of root crown for red mangrove)		
			B5	stem	80cm	30cm	15	27.5	23°	26.3	16:02:00	16:05:00	3 m wet	
		red	Dead	B5	stem	130cm	11	13	27.9	16:09:30	16:12:30	3 m wet
			Decom	B5	stem	180cm	..	12	27.5	16:19:00	16:22:00	first two measurements on tree back (one on right, one on left) back (back on)
			dead	B5	top root	40 cm	..	10.5	25.5	16:27:00	16:30:00	
			A4	prop root	70 cm	11	7.5	27.3	16:33:30	16:36:30		

Adams/Gewirtzman - BLUEFLUX Tree Methane
Tree Flux Data

Date: 3/10

Personnel: Samuel, Mike

Plot: SRS 6
Analyzer: LGR2

Tree ID	Tree Species	Alive/Dead & Decay Class	Chamber ID	Tree Component (Stem/Root/Pn; Lenticels?)	Height_Above_Ground	Water_Height	Tree Diameter	Temp_stem (C)	Temp_air (C)	Temp_soil (C)	Flux_Start_Time (System)	Flux_End_Time (System)	Notes (Indicate height of root crown for red mangrove)
W10	White Mangrove	Dead	D2	Stem	58	36cm	27.1	25.9	83F	26.3 (water)	16:08	28	16:11:28 Tree was dead probably porous.
			D2	Stem	116	36cm	26.4	27	83F	26.3 (water)	16:21	= 10	CO ₂ flux was not linear

Scanned

System Time:
Real Time:

16:14:24
16:13:44 = 14 pm

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/10/2023
Personnel: Samuel

Plot: SRS 6
Analyzer: LCR &

Weather:
Summer

System Time

$$16 = \frac{1}{4}, 24$$

Adams/Gewirtzman - BLUEFLUX Tree Methane Flux Data

Date: 3/10/2023

Personnel: Samuel · Mike

Plot: SRSb
Analyzer: 13A

Weather:

Summer

System Time

1b = 14224