

Location:	CO	Site:	TPLMET	Date:	2024/11/29					
Time:	0955	Observers:	McGee	Interval board SWE measurement						
Precip Rate	None	Very Light (0.5 cm/hr)	Light (1 cm/hr)	Moderate (5 cm/hr)	Heavy (10 cm/hr)	Depth (cm)	SWE (mm)	Density (kg/m³)	Evidence of melt resulting in SWE loss? (Y/N)	
Precip Type	Rain	Snow	Graupel	Hail	Rain/Snow	Sample A	29	32	110.3	
Sky	Clear	Few <td>Scattered (1/4-1/2 of sky)</td> <td>Broken<br (>="" 1="" 2="" of="" sky)<="" td=""/><td>Overcast (complete cover)</td><th>Sample B</th><td>29</td><td>33</td><td>113.7</td><td>N</td></td>	Scattered (1/4-1/2 of sky)	Broken <td>Overcast (complete cover)</td> <th>Sample B</th> <td>29</td> <td>33</td> <td>113.7</td> <td>N</td>	Overcast (complete cover)	Sample B	29	33	113.7	N
Wind	Calm (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25 mph)	Strong (26 - 38 mph)	Extreme <th>Ground Condition</th> <td>Smooth<br (<="" 5="" cm)<="" td=""/><td>Rough (5 - 20 cm)</td><td>Rugged<br (>="" 20="" cm)<="" td=""/><td></td></td></td>	Ground Condition	Smooth <td>Rough (5 - 20 cm)</td> <td>Rugged<br (>="" 20="" cm)<="" td=""/><td></td></td>	Rough (5 - 20 cm)	Rugged <td></td>	
Tree Canopy	No trees	Sparse (5 - 20%)	Open (20 - 70%)	Closed <th>Ground Vegetation</th> <td>Bare<br (<="" 5="" cm)<="" td=""/><td>Grass</td><td>Shrub</td><td>Deadfall</td></td>	Ground Vegetation	Bare <td>Grass</td> <td>Shrub</td> <td>Deadfall</td>	Grass	Shrub	Deadfall	
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments		Height of Ground Vegetation (cm)		
Digital LWC	N		Snow Scope	Y		Weather				
Stratigraphy pictures	Y		Lyte Probe	N						
Standard ram	Y		SMP	N						
Powder Ram	Y		Force Ram	Y		Pit				
Slush Ram	N		Force Snow Scope	Y						
HS Transects	Y		Snow Scope Transects	N		Hardness				
Pit Pictures	Y		SSA / NIR Box	N						
Other			Misc			HS transect				

Location: CO Date: 2024/11/29
 Site: TRUMET Time: 1100

Pit: TRUMET 2024/11/29

Observers: T. and C. L.

Date: 2024/11/29
 Time: 1100

Force Depth Depth
 N cm cm Y/N Grnd
 max manual digital Comments

Ram Penetrometer Field Data Sheet

Location:	CO	Tube weight	T	kg											
Site:	JPLMET	Hammer weight	H	kg											
Associated pit/transect/point:	JPLMET20241129	Number of falls	n												
Date:	20241129	Fall height	f	cm											
Observer:	E.M.C.	Location of point	p	cm											
UTME:	UTMN:	Zone:	133												
Ram type:	Pow / FWD	Ram mass:	kg												
T	H	n	f	p	T	H	n	f	p	T	H	n	f	p	
.01	0	0	0	11.5	1	0	0	0	48						
.01	.05	0	0	12.5	1	.5	0	0	48						
	1	1	13												
	1	1	15												
	1	1	16												
	1	1	17												
	1	1	18												
	2	1	19												
	2	1	20												
	1	2	21												
	2	2	22												
	2	3	23												
	2	3	24												
	2	3	25												
	2	4	26												
	3	5	27												
	2	5	28												
	3	5	29												
	3	5	30												
	2	5	31												
	3	5	32												
	3	5	33												
	2	10	34												
	1	5	35												
	4	1	36												
	3	1	37												
	3	1	38												
	3	1	39												
	4	1	40												
	3	1	41												
	5	1	42												
	7	1	43												
	10	1	44												
	3	5	45												
	4	5	46												
	3	5	47												
	3	5	48												

Notes:

Location (regional scale)		Site (study plot)		Transects		Date	Time			
CO		TRACET		TDL 1,2		2024/11/29	Start	End		
Observer(s)		Wx Description								
Linda		CLR, CUM, NO, NONE								
Transect A				Transect B						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	46	31	49	0	30	31				
1	53	32	48	1		32				
2	47.5	33	46	2		33				
3	48	34		3		34				
4	56	35		4		35				
5	46	36		5		36				
6	46.5	37		6		37				
7	47	38		7		38				
8	48	39		8		39				
9	45	40		9		40				
10	47	41		10		41				
11	46	42		11		42				
12	54	43		12		43				
13	58	44		13		44				
14	48	45		14		45				
15	46	46		15		46				
16	42	47		16		47				
17	46	48		17		48				
18	47	49		18		49				
19	48.5	50		19		50				
20	49	51		20		51				
21	48	52		21		52				
22	49	53		22		53				
23	49	54		23		54				
24	50	55		24		55				
25	50	56		25		56				
26	50	57		26		57				
27	51	58		27		58				
28	48	59		28		59				
29	48	60		29		60				
30	50			30						

BZ
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Location (regional scale)		Site (study plot)		Transects		Date	Time			
							Start	End		
Co		OPMET		Radar 1, 2		2024/1/29	1152			
Observer(s)		Wx Description								
Em. Cz		CLR, Curn, No, Nono								
Transect A Radar 2				Transect B Radar 1						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	17	31 A	37	0	50	31				
1	36	32 B	37	1	53	32				
2	38	33 C	26	2	50	33				
3	48	34 D	30	3	51	34				
4	52	35 E	44	4	50	35				
5	46	36 F	44	5	50	36				
6	43	37 G	39	6	52	37				
7	49	38 H	46	7	50	38				
8	47	39 I	45	8	45	39				
9		40 J	45	9	48	40				
10		41		10	49	41				
11		42		11	49	42				
12		43		12	50	43				
13		44		13	46	44				
14		45		14	47	45				
15		46		15	54	46				
16		47		16	50	47				
17		48		17	51	48				
18		49		18	49	49				
19		50		19	50	50				
20		51		20	50	51				
21		52		21	49	52				
22		53		22		53				
23		54		23		54				
24		55		24		55				
25		56		25		56				
26		57		26		57				
27		58		27		58				
28		59		28		59				
29		60		29		60				
30				30						

Location (regional scale)		Site (study plot)		Transects		Date	Time			
						2024/11/29	Start	End		
Observer(s)		Wx Description								
<i>C. C.</i>		<i>Clr, Corne, No, None</i>								
Transect A				Transect B						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	58	31	66	0	50	31				
1	60	32	49	1	52	32				
2	56	33	50	2	52	33				
3	51	34	44	3	56	34				
4	57	35	54	4	58	35				
5	53	36	51	5	48	36				
6	60	37	53	6	25	37				
7	54	38	47	7	50	38				
8	49	39	46	8	53	39				
9	57	40	51	9	45	40				
10	56	41	56	10	58	41				
11	56	42	54	11	55	42				
12	58	43	54	12	47	43				
13	56	44	52	13	42	44				
14	45	45	52	14	33	45				
15	43	46	53	15	46	46				
16	46	47	55	16	50	47				
17	45	48	53	17	51	48				
18	55	49	52	18	59	49				
19	50	50	56	19	41	50				
20	49	51	56	20		51				
21	66	52	46	21		52				
22	48	53	44	22		53				
23	50	54	44	23		54				
24	54	55	58	24		55				
25	46	56	63	25		56				
26	48	57	62	26		57				
27	50	58	56	27		58				
28	45	59	32	28		59				
29	53	60	25	29		60				
30	48		5	30						