

Location:	CB	Site:	TPM15T	Date:	20250120				
Time:	12:25	Observers:	Carrie	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	4.7	4.5	107
Sky	Clear	Few <td>Scattered (1/4-1/2 of sky)</td> <td>Broken<br (&gt;="" 1="" 2="" of="" sky)<="" td=""/><th>Overcast (complete cover)</th><th>Sample B</th><td>4.7</td><td>4.7</td><td>102</td></td>	Scattered (1/4-1/2 of sky)	Broken <th>Overcast (complete cover)</th> <th>Sample B</th> <td>4.7</td> <td>4.7</td> <td>102</td>	Overcast (complete cover)	Sample B	4.7	4.7	102
Wind	Calm (0 mph)	Light <td>Moderate (17 - 25 mph)</td> <td>Strong (26 - 38 mph)</td> <td>Extreme<br (&gt;="" 38="" mph)<="" td=""/><th>Ground condition</th><td>Frozen</td><td>Moist</td><td>Saturated</td></td>	Moderate (17 - 25 mph)	Strong (26 - 38 mph)	Extreme <th>Ground condition</th> <td>Frozen</td> <td>Moist</td> <td>Saturated</td>	Ground condition	Frozen	Moist	Saturated
Tree Canopy	No trees	Sparse (5 - 20%)	Open (20 - 70%)	Closed <th>Ground roughness</th> <td>Smooth<br (&lt;="" 5="" cm)<="" td=""/><td>Rough (5 - 20 cm)</td><td>Rugged<br (&gt;="" 20="" cm)<="" td=""/><td></td></td></td>	Ground roughness	Smooth <td>Rough (5 - 20 cm)</td> <td>Rugged<br (&gt;="" 20="" cm)<="" td=""/><td></td></td>	Rough (5 - 20 cm)	Rugged <td></td>	
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments	Height of Ground Vegetation (cm)		
Digital LWC	Y		Snow Scope	Y	234	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	Y	234	Hardness			
Pit Pictures	Y		SSA / NIR Box	Y	del	Lidar source cleared @ 10m HS Ram @ since			
Other						Misc			



**Ram Penetrometer Field Data Sheet**

Location: 6								Tube weight		T	kg			
Site: JPMLST								Hammer weight		H	kg			
Associated pit/transect/point: JPMLST 20250120								Number of falls		n				
Date: 20250120				Time: 1029 / 1030				Fall height		f	cm			
Observer: Eric Coz								Location of point		p	cm			
UTME:		UTMN:				Zone:		RN = T + H + nfH/p			kg			
Ram type:								RR = 9.81 (T + H + nfH/p)			N			
T	H	n	f	p	T	H	n	f	p	T	H	n	f	p
1	0	0	0	70	0.1	0.1	2	5	47					
1	0.5	0	0	70					48					
								1	5	49				
0.1	0	0	0	7					50					
0.1	0.1	0	0	12			2	5	51					
	1	1	15						52					
		14							53					
		15					3	5	54					
		16					1	10	55					
2	1	17							56					
		18					3	10	57					
1	7	19							58					
2	3	20					2	10	59					
	21						1	10	60					,
		22							61					
5	3	23							62					
2	5	24					2	10	63					
		25							64					
3	6	26					1	10	65					
1	10	27							66					
		28					2	10	67					
		29					3	10	68					
2	10	30					5	10	69					
		31												
		32												
1	10	33												
1	10	34												
		35												
2	10	36												
		37												
1	10	38												
		39												
		40												
		42												
1	5	43												
		44												
		45												
		46												

Notes:

Location: C

Date: 20290120

Site: PLUMET

Pit: THERMISTOR

Observers: Eric

Time:

X-Coord	Y-Coord	Time	Data Type	SN	Profile #	Force Gage	Force	Depth	Depth
0	30	1029	STND PAPER			N	max	manual	digital
30	11	1030	PLATE PAPER						Y
0	60	1041	SCOTT	234	1197				
30		1041					69		
60		1041					68	66	
90		1041					68	62	
120		1041					69	65	
0	40	1040	FOAM PAPER				69	66	
30		1040					66	57	
60		1040					70	67	
90		1040					67	67	
120		1040					66	66	
0	1051						66	66	
30							59	59	
60							61	61	
90							61	61	
120							66	66	
0	1051						67	67	
30							61	61	
60							65	65	
90							68	68	
120							62	62	
0	1051						60	60	
30									
60									
90									
120									

Comments
THERMOS
TOWARDS

Comments
CENTER
CENTER
CENTER

Location (regional scale)		Site (study plot)		Transects		Date	Time			
Co		TPUMET		TPCA		20280120	Start	End		
Observer(s)		Wx Description								
Eric Cuz		TPKA C4HT S-1 Nov 2								
Transect A				Transect B						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	82	31	80	0	74	31				
1	83	32	72	1	65	32				
2	82	33	60	2	79	33				
3	74	34	78	3	77	34				
4	81	35	78	4	64	35				
5	73	36	83	5	44	36				
6	74	37	86	6	55	37				
7	75	38	69	7	74	38				
8	72	39	55	8	78	39				
9	82	40	76	9	53	40				
10	79	41	77	10	80	41				
11	73	42	80	11	67	42				
12	70	43	82	12	53	43				
13	79	44	75	13	59	44				
14	73	45	78	14	60	45				
15	63	46	78	15	73	46				
16	78	47	77	16	79	47				
17	75	48	80	17	81	48				
18	80	49	81	18	61	49				
19	73	50	79	19		50				
20	62	51	74	20		51				
21	75	52	76	21		52				
22	78	53	54	22		53				
23	62	54	65	23		54				
24	82	55	80	24		55				
25	68	56	85	25		56				
26	72	57	82	26		57				
27	77	58	75	27		58				
28	77	59	71	28		59				
29	59	60	43	29		60				
30	71		70	30						

Location (regional scale)		Site (study plot)		Transects		Date	Time			
Co		TPLEST		LADAZ 1,2		20250420	Start	End		
Observer(s)		Wx Description								
G. L. C.		OVC Mod S-1 Nov E								
1115 Transect A 1118				1119 Transect B 1123						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	72	31		0	66	31				
1	73	32		1	72	32				
2	69	33		2	67	33				
3	73	34		3	76	34				
4	73	35		4	71	35				
5	66	36		5	73	36				
6	69	37		6	71	37				
7	69	38		7	75	38				
8	69	39		8	75	39				
9	66	40		9	75	40				
10	68	41		10	73	41				
11	64	42		11	75	42				
12	73	43		12	73	43				
13	73	44		13	76	44				
14	70	45		14	70	45				
15	70	46		15	70	46				
16		47		16	75	47				
17		48		17	69	48				
18		49		18	69	49				
19		50		19		50				
20		51		20		51				
21		52		21		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			
				JPL1,2		20250120	Start	End		
Observer(s)		Wx Description								
<i>Gardner</i>		ONC LIGHT S-1 Nov 9								
1133 Transect A		1136	1125 Transect B		1132					
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	71	31		0	70	31	70			
1	78	32		1	69	32	52			
2	74	33		2	67	33	46			
3	76	34		3	69	34	43			
4	73	35		4	66	35	60			
5	71	36		5	71	36	60			
6	74	37		6	70	37	64			
7	71	38		7	69	38	54			
8	76	39		8	60	39	50			
9	74	40		9		40	51			
10	74	41		10		41				
11	66	42		11		42				
12	74	43		12		43				
13	72	44		13		44				
14	74	45		14		45				
15	77	46		15		46				
16	70	47		16		47				
17	78	48		17		48				
18	78	49		18		49				
19	74	50		19		50				
20	76	51		20		51				
21	70	52		21		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						