

Location:	Co		Site:	SLC MET		Date:	20250129		
Time:	0928		Observers:	McClure		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 12.8	16		
Sky	Clear (0 mph)	Few <td>Scattered (1/4-1/2 of sky)</td> <td>Broken<br (>="" 1="" 2="" of="" sky)<="" td=""/><td>Overcast (complete cover)</td><td>Sample B 13</td><td>18.5</td><td></td><td>N</td></td>	Scattered (1/4-1/2 of sky)	Broken <td>Overcast (complete cover)</td> <td>Sample B 13</td> <td>18.5</td> <td></td> <td>N</td>	Overcast (complete cover)	Sample B 13	18.5		N
Wind	Calm (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25 mph)	Strong (26 - 38 mph)	Extreme <td>Ground condition Frozen</td> <td>Smooth<br (<="" 5="" cm)<="" td=""/><td>Rough (5 - 20 cm)</td><td>Rugged<br (>="" 20="" cm)<="" td=""/></td></td>	Ground condition Frozen	Smooth <td>Rough (5 - 20 cm)</td> <td>Rugged<br (>="" 20="" cm)<="" td=""/></td>	Rough (5 - 20 cm)	Rugged
Tree Canopy	No trees	Sparse (5 - 20%)	Open (20 - 70%)	Closed <td>Ground vegetation Bare</td> <td>Ground vegetation Grass</td> <td>Shrub</td> <td>Deadfall</td> <td></td>	Ground vegetation Bare	Ground vegetation Grass	Shrub	Deadfall	
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments		Height of Ground Vegetation (cm)	
Digital LWC	N		Snow Scope	Y	234	Weather			
Stratigraphy pictures	Y		Lyte Probe	N					
Standard ram	Y		SMP	N		CTN RAK x 2 Corx			
Powder Ram	Y		Force Ram	Y					
Slush Ram	N		Force Snow Scope	Y	234	Hardness			
HS Transects	Y		Snow Scope Transects	N					
Pit Pictures	Y		SSA / NIR Box	Y	101	Misc			
Other									

Location: C0 Date: 20250129
 Site: SCMET Time: 1045
 Pit: SUMT20250129

Observers: Enclosure
 X-Coord Y-Coord Time Data Type SN Profile # Force Gage N max manual digital Grnd Y/N Comments

0	20	1045	End Run				68.5					
20	40	1049	Power	234	1239		70.5	63				
0	60	1107					65					
30		1108					67	68				
60		1109					67	67				
90		1110					68	69				
120	20	1110					71	70				
0	40	1114	Force Run				50W	72.3	60			
20		1119					40.15	62				
60		1120					50.9	63				
90		1120					33.9	63				
120	20	1120					35	67				
0	120	1123	Force Scale 234	1244			335	57	52			
20		1124					8.85	53	48			
60		1125					1.4	61	59			
90		1125					16.40	63	56			
120	20	1126					13.90	67	69			

Ram Penetrometer Field Data Sheet

Location:	Co						Tube weight	T	kg
Site:	SLMGT						Hammer weight	H	kg
Associated pit/transect/point:	SLMGT 20250129						Number of falls	n	
Date:	20250129						Fall height	f	cm
Observer:	CmcCuz						Location of point	p	cm
UTME:	UTMN:			Zone:			RN = T + H + nfH/p		kg
Ram type:	STD/Raw			Ram mass:			RR = 9.81 (T + H + nfH/p)		N
T	H	n	f	p	T	H	n	f	p
1	0	0	0	64	0.1	0.1	1	10	38
1	0.5	0	0	64					39
	4	5	65			3	10	40	
	2	10	66			5	15	41	
	1	10	67			6	20	42	
	2	10	68			1	20	43	
	4	10	68.5			2	15	44	
									45
0.1	0	0	0	6					46
0.1	0.1	0	0	7					47
	3	1	8			2	5	48	
	1	5	9.5			4	5	49	
	1	3	10.5			1	10	50	
			12.5			2	10	51	
	1	1	13			1	10	52	
	1	3	15						53
	1	2	16.5			2	10	54	
	1	1	17			1	10	55	
	2	1	18						56
	3	1	19			3	16	57	
	1	3	20			1	15	58	
	2	3	21			2	15	59	
			22			2	20	60	
			23			3	20	61	
			24						62
			25			2	20	63	
			26						64
	3	3	27			1	20	65	
	2	5	28			3	20	66	
			29			4	20	67	
			30			5	20	68	
	3	5	31			3	25	69	
	2	10	32			4	25	70	
	1	10	33						70.5
			34						
			35						
			36						
			37						

Notes:

Location (regional scale)		Site (study plot)		Transects		Date	Time			
Co		SLMET		A, B		20250129	Start	End		
Observer(s)		Wx Description								
<i>Emilia</i>		CR CRM No Power								
0908 Transect A		0915	0915 Transect B 0922							
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	71	31	56	0	68	31	82			
1	73	32		1	47	32	69			
2	74	33		2	73	33				
3	78	34		3	51	34				
4	76	35		4	78	35				
5	75	36		5	77	36				
6	71	37		6	68	37				
7	69	38		7	65	38				
8	67	39		8	87	39				
9	61	40		9	81	40				
10	67	41		10	78	41				
11	72	42		11	81	42				
12	69	43		12	81	43				
13	62	44		13	79	44				
14	70	45		14	79	45				
15	70	46		15	78	46				
16	66	47		16	75	47				
17	45	48		17	80	48				
18	55	49		18	74	49				
19	62	50		19	85	50				
20	71	51		20	81	51				
21	71	52		21	81	52				
22	73	53		22	78	53				
23	72	54		23	90	54				
24	70	55		24	83	55				
25	73	56		25	69	56				
26	66	57		26	72	57				
27	47	58		27	88	58				
28	44	59		28	86	59				
29	48	60		29	82	60				
30	53			30	84					