

Location:	Co	Site:	SWEET	Date:	20250107				
Time:	1240	Observers:	Emile Sturm Y	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	12.6	13.5	107
	Sky	Clear (< 1/4 of sky)	Few	Scattered (1/4-1/2 of sky)		Sample B	12.4	13	105
			Brocken	Overcast (complete cover)		Sample C	12.8	14.7	113
Wind	Calm (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25 mph)	Strong (26 - 38 mph)	Extreme (> 38 mph)	Ground condition	Smooth <td>Rough (5 - 20 cm)</td> <td>Rugged (> 20 cm)</td>	Rough (5 - 20 cm)	Rugged (> 20 cm)
Tree Canopy	No trees	Sparse (5 - 20%)	Open (20 - 70%)	Closed (> 70%)	Ground Vegetation	Bare	Grass	Shrub	Deadfall
	Y/N	SN	Instrument	Y/N	SN	Additional Comments		Height of Ground Vegetation (cm)	
Digital LWC	N	Snow Scope	Y	308		Weather			
Stratigraphy pictures	Y	Lyte Probe	N						
Standard ram	Y	SMP	N			Pit			
Powder Ram	Y	Force Ram	Y						
Slush Ram	N	Force Snow Scope	Y			Hardness			
HS Transects	Y	Snow Scope Transects	N	234					
Pit Pictures	Y	SSA/NIR Box	Y	0101	Misc	HS G7 cm Q Stake			
Other									

Location: C

Date: 20250107

Site: Survey 20250107

Time: 1333

Pit: Survey 20250107

Observers: Michael Stevens

Force
Depth
Depth
max
manual
digital
Grnd

Y/N

Comments

X-Coord	Y-Coord	Time	Data Type	SN	Profile #	Force Gage	N	cm	cm	cm	Y/N	Comments
0	30	1333	3D Part				54					
30	60	1335	Part Part				54.5					
0	60	1344	Score	702	77		55					
30	1344						60					
60	1344						62					
90	1345						64					
120	1346						64					
0	90	1348					65					
30	1349						65					
60	1349						67					
90	1349						68					
120	1349						68					
0	60	1350					69					
30	1350						70					
60	1350						70					
90	1350						71					
120	1350						71					
0	30	1351	Force Score	254	1094	912	54	49				
30	1351						54.5	45	44			
60	1352						4.05	48	46			
90	1352						1.7	53	50			
120	1352						1.5	55	51			

Ram Penetrometer Field Data Sheet

Location: Co										Tube weight	T	kg		
Site: SLMET										Hammer weight	H	kg		
Associated pit/transect/point: SLMET20250107										Number of falls	n			
Date: 20250107	Time: 1333 / 1335									Fall height	f	cm		
Observer: Lucie Shranky										Location of point	p	cm		
UTME:	UTMN:	Zone:								$RN = T + H + nfH/p$				
Ram type: STD / Pow	Ram mass: kg									$RR = 9.81 (T + H + nfH/p)$				
T	H	n	f	p	T	H	n	f	p	T	H	n	f	p
1	0	0	0	54		1	10	41						
1	0.5	0	0	54		1	5	42						
.								43						
0.1	0	0	0	6				44						
0.1	0.1	0	0	7			2	5	45					
		1	1	8			5	5	45.5					
		2	1	9			2	20	46.5					
		3	1	10					47.5					
		2	3	11					48.5					
				12			3	20	49.5					
				3	3	13			50.5					
				3	5	14			51.5					
				2	5	15		4	20	52.5				
					16			2	20	54.5				
					17									
				3	5	18								
					19									
				2	5	20								
					21									
					22									
					23									
					24									
				3	5	25								
				1	10	26								
					27									
					28									
				2	10	29								
				6	10	30								
				6	20	31								
				4	25	32								
				7	10	33								
				2	20	34								
					35									
				1	20	36								
				2	10	37								
					38									
				1	10	39								
					40									

Notes:

Location (regional scale)		Site (study plot)		Transects		Date	Time			
				A,B		20250107	Start 1357	End 1407		
Observer(s)		Wx Description								
Eduar Skarpey		SCT, Lish+, No, none								
1357 Transect A 1407		1401 Transect B 1407								
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	61	31	34	0	64	31	79			
1	58	32	53	1	38	32	77			
2	66	33		2	68	33	56			
3	71	34		3	44	34	53			
4	68	35		4	70	35				
5	69	36		5	67	36				
6	64	37		6	64	37				
7	59	38		7	63	38				
8	44	39		8	84	39				
9	65	40		9	66	40				
10	59	41		10	72	41				
11	50	42		11	75	42				
12	70	43		12	74	43				
13	59	44		13	69	44				
14	62	45		14	70	45				
15	57	46		15	73	46				
16	60	47		16	66	47				
17	57	48		17	73	48				
18	49	49		18	65	49				
19	55	50		19	73	50				
20	56	51		20	73	51				
21	51	52		21	73	52				
22	64	53		22	79	53				
23	59	54		23	91	54				
24	63	55		24	79	55				
25	60	56		25	74	56				
26	64	57		26	81	57				
27	56	58		27	55	58				
28	36	59		28	79	59				
29	41	60		29	71	60				
30	45			30	78					