

Location:	C	Site:	SCHAFER	Date:	2024-04				
Time:	0925	Observers:	Circular Skier	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	Sample B	Sample C	
Sky	Clear	Few <td>Scattered (1/4-1/2 of sky)</td> <td>Broken<br (&gt;="" 1="" 2="" of="" sky)<="" td=""/><td>Overscast (complete cover)</td><th>Ground condition</th><th>Frozen</th><th>Moist</th><th>Saturated</th></td>	Scattered (1/4-1/2 of sky)	Broken <td>Overscast (complete cover)</td> <th>Ground condition</th> <th>Frozen</th> <th>Moist</th> <th>Saturated</th>	Overscast (complete cover)	Ground condition	Frozen	Moist	Saturated
Wind	Calm (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25 mph)	Strong (26 - 38 mph)	Extreme <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>	Ground roughness	Smooth <td>Rough (5 - 20 cm)</td> <td>Rugged<br (&gt;="" 20="" cm)<="" td=""/></td>	Rough (5 - 20 cm)	Rugged 
Tree Canopy	No trees	Sparse (5 - 20%)	Open (20 - 70%)	Closed <th>Ground Vegetation</th> <td>Bare</td> <td>Grass</td> <td>Shrub</td> <td>Deadfall</td>	Ground Vegetation	Bare	Grass	Shrub	Deadfall
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments		Height of Ground Vegetation (cm)	
Digital LWC	N		Snow Scope	Y		WARM			
Stratigraphy pictures	Y		Lyte Probe	N		Weather			
Standard ram	Y		SMP	N		CT6 scaled 2m C-TNPBK E C-TP6 @ 274			
Powder Ram	Y		Force Ram	Y		Pit			
Slush Ram	N		Force Snow Scope	Y					
HS Transects	Y		Snow Scope Transsects	N		Hardness			
Pit Pictures	Y		SSA / NIR Box	Y	101	HS Stake - 68			
Other						Misc			



**Ram Penetrometer Field Data Sheet**

Location:	Co					Tube weight	T	kg							
Site:	SWEET					Hammer weight	H	kg							
Associated pit/transect/point:	SWEET 20250204					Number of falls	n								
Date:	20250204					Time:	1011 / 1013								
Observer:	Eduard Stevney					Fall height	f	cm							
UTME:						Location of point	p	cm							
UTM:						$RN = T + H + nfH/p$		kg							
Ram type:	STD/Pow					$RR = 9.81 (T + H + nfH/p)$		N							
T	H	n	f	p		T	H	n	f	p	T	H	n	f	p
1	0	0	0	64				1	5	42					
1	0.5	0	0	64						43					
										44					
0.1	0	0	0	1				2	5	45					
0.1	0.1	0	0	1						46					
								1	5	47					
								5	5	48					
								3	10	49					
								1	20	50					
									7	51					
									1	10	52				
									9	53					
									1	5	54				
									11	55					
									12	56					
									2	5	57				
									1	10	58				
									15	59					
									16	215	60				
									17.5	61					
									1	5	19				
										3	15	62			
										21	63				
										1	3	22			
										3	25	63.5			
										3	3	24			
										1	5	26			
										2	3	27			
										1	4	28			
											29				
											30				
											31				
											32.5				
											33				
											1	5	36		
											2	3	37		
											1	5	38		
												39			
												40			
												41			

Notes:

Location (regional scale)		Site (study plot)		Transects		Date	Time			
				A, B		20250204	Start	End		
Observer(s)		Wx Description								
Gaelle Skinner		BKN Light No Nwne								
908 Transect A 911				912 Transect B 916						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	62	31	46	0	62	31	78			
1	44	32		1	64	32	62			
2	65	33		2	69	33				
3	70	34		3	65	34				
4	68	35		4	68	35				
5	70	36		5	63	36				
6	64	37		6	66	37				
7	42	38		7	66	38				
8	66	39		8	39	39				
9	66	40		9	72	40				
10	58	41		10	71	41				
11	65	42		11	73	42				
12	64	43		12	76	43				
13	52	44		13	77	44				
14	61	45		14	74	45				
15	61	46		15	72	46				
16	59	47		16	69	47				
17	54	48		17	74	48				
18	49	49		18	67	49				
19	38	50		19	79	50				
20	65	51		20	76	51				
21	66	52		21	73	52				
22	b0	53		22	84	53				
23	65	54		23	56	54				
24	62	55		24	73	55				
25	65	56		25	73	56				
26	62	57		26	55	57				
27	35	58		27	85	58				
28	32	59		28	79	59				
29	41	60		29	81	60				
30	43			30	79					

Location:	Date:					
Site:	Time:					
Pit:	Surveyor Survey					
X-Coord	Y-Coord	Time	Data Type	SN	Profile #	Force Gage
0	70	10:11	SDI Report			N
30	↓	10:13	New Point			cm
-10	60	10:14	SDI Report			cm
70						cm
60						cm
90						cm
120	4					cm
0	120	10:15	SDI Report			Y/N
30	10:16					Comments
60	10:17					
90	10:18					
120	10:19					
0	120	10:20	Force Report			
30	10:21					
60	10:22					
90	10:23					
120	10:24					