

Location:	Colorado	Site:	PC CUPX	Date:	2023/01/23				
Time:	8:45 AM	Observers:	K. SEDOR	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	N/A		
	Clear	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</td><td></td><td></td><td></td></td>	Scattered (1/4-1/2 of sky)	Broken <td>Overcast (complete cover)</td> <td>Sample B</td> <td></td> <td></td> <td></td>	Overcast (complete cover)	Sample B			
	Calm (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25 mph)	Strong (26 - 38 mph)	Extreme <td>Ground condition</td> <td>Frozen</td> <td>Moist</td> <td>Saturated</td>	Ground condition	Frozen	Moist	Saturated
Wind	No trees	Sparse (5 - 20%)	Open (20 - 70%)	Closed <td>Ground Vegetation</td> <td>Smooth<br (<="" 5="" cm)<="" td=""/><td>Rough (5 - 20 cm)</td><td>Rugged<br (>="" 20="" cm)<="" td=""/><td></td></td></td>	Ground Vegetation	Smooth <td>Rough (5 - 20 cm)</td> <td>Rugged<br (>="" 20="" cm)<="" td=""/><td></td></td>	Rough (5 - 20 cm)	Rugged <td></td>	
					Bare	Grass	Stubble		Deadfall
					Height of Ground Vegetation (cm)	Virtually 7 cm			
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments			
Digital LWC	N		Snow Scope	Y		Occasional drifting or snow accumulation			
Stratigraphy pictures	Y		Lyte Probe	N		Weather			
Standard ram	Y		SMP	N					
Powder Ram	Y		Force Ram	Y		Pit			
Slush Ram	N		Force Snow Scope	Y					
HS Transects	N		Snow Scope Transects	N		Hardness			
Pit Pictures	Y		SSA / NIR Box	N					
Other					Misc				

CPTX

PCD sump

2 sections

PP SPP1

THICK	H.S.	core size	sub
13	35 1/2	33 1/2	22
36	33	22	
38	33	22	

Ram Penetrometer Field Data Sheet

Location: COLORADO								Tube weight	T	kg	
Site: ELPX FF SP01								Hammer weight	H	kg	
Associated pit/transect/point: 20250123 FFSP01								Number of falls	n		
Date: 20250123				Time: 0950				Fall height	f	cm	
Observer: K GUDER								Location of point	p	cm	
UTME:	UTMN:	Zone:				$RN = T + H + nfH/p$				kg	
Ram type:				Ram mass: kg				$RR = 9.81 (T + H + nfH/p)$		N	
T	H	n	f	p	T	H	n	f	p		
STD RAM								1	10	61.5	
POWDER RAM								42			
1	0	0	0	47	0.1	0	0	8	4	47.5	
1	0.5	0	0	47.5	0.1	0.1	0	8	4	43.5	
2	1	47.5			1	5	5	5		44.5	
		43					8			45.5	
		43.5					10.5			46	
		44.1					12.5		1	15	47.5
		44.5					14.5				48.5
		45					16.5				49.5
		45.5					17.5				50.5
		46					18.5				51
		46.5					20		1	20	52
		47					21				53.5
		47.5					22				54.5
2	2	48					22.5		1	5	57
		48.5					23				58
		49.5					24				59
4	2	50					24.5				60
7	5	50.5					25				60.5
1	5	51			2	5	26				62
1	10	51.5			1	10	27		1	10	64
		53					27.5				65
1	5	69					28				66
		84			1	15	29				67
							29.5				68
							30				69
							30.5				70
					1	20	31				71
							32				72.5
							33				75.5
							33.5				
					1	25	34.5				
							35				
					0.1	0.2	1	15	36.5		
								38			
								39.5			
							1	10	40.5		

Notes: