

Location:		Co		Site:		Fellg		Date:		20290107	
Time:		Observers:		Garcias Sprunt		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)	Sample A	Depth (cm)	SWE (mm)	Density (kg/m ³)	Evidence of melt resulting in SWE loss? (Y/N)	
Precip Type	Rain	Snow	Graupel	Hail	Rain/Snow	Sample B					
Sky	Clear	Few ($< 1/4$ of sky)	Scattered ($1/4 - 1/2$ of sky)	Broken ($> 1/2$ of sky)	Overcast (complete cover)	Sample C					
Wind	Calm (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25mph)	Strong (26 - 38 mph)	Extreme (> 38 mph)	Ground condition	Frozen	Moist	Saturated		
Tree Canopy	No trees	Sparse (5 - 20%)	Open (20 - 70%)	Closed ($> 70\%$)		Ground roughness	Smooth (< 5 cm)	Rough (5 - 20 cm)	Rugged (> 20 cm)		
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments	Height of Ground Vegetation (cm)	10			Deadfall
Digital LWC	N		Snow Scope	Y	308	Weather					
Stratigraphy pictures	Y		Lyte Probe	N							
Standard ram	Y		SMP	N							
Powder Ram	Y		Force Ram	Y							
Slush Ram	N		Force Snow Scope	Y		Hardness					
HS Transects	Y		Snow Scope Transects	N							
Pit Pictures	Y		SSA / NIR Box	Y	0101	Misc					
Other											

[illegible]

Location: 60		Date: 20250107		Time: 1522		Observer: Andrew Skimney		Force		Depth		Depth		Grnd		Comments	
Pit: FFA 20250107	X-Coord	Y-Coord	Time	Data Type	SN	Profile #	Force Gage	N	max	cm	cm	cm	cm	Y/N			
0	30	1522	1522	SPD 4m										Y			
30	30	1523	1523	SPD 4m													
0	60	1530	1530	SPD 4m	308	82				69	48						
30	60	1531	1531			83				49	48						
60	60	1531	1531			84				72	66						
90	60	1531	1531			85				71	70						
120	60	1532	1532			86				70	67						
0	90	1534	1534	SPD 4m			50m	14.85	53					N			
30	90	1535	1535					15.7	59								
60	90	1535	1535					15.35	61								
90	90	1535	1535					16.8	65								
120	90	1535	1535					16.05	62								
0	120	1538	1538	SPD 4m		1101		1.45	58	55							
30	120	1539	1539			1102		1.65	61	58							
60	120	1539	1539			1103		1.35	62	56							
90	120	1540	1540			1104		2.15	63	58							
120	120	1540	1540			1105		1.75	65	63							

Ram Penetrometer Field Data Sheet

Notes:										
<div> <div>Location: CO</div> <div>Site: FCHH</div> <div>Associated pit/tract/point: FCHH 20250107</div> <div>Date: 20250107</div> <div>Observer: Linda Skinner</div> <div>UTME: 570/60w</div> <div>Ram type: 570/60w</div> <div>Ram mass: kg</div> <div>Zone:</div> </div>										
Tube weight	T	kg	Hammer weight	H	kg	Number of falls	n	Fall height	f	cm
Location of point	p	cm	<div> $RR = 9.81 (T + H + n f H / p)$ $RN = T + H + n f H / p$ </div>							

T	H	n	f	p	T	H	n	f	p
1	0	0	0	30	40				
1	0.5	0	0	30	41				
		1	1	69	42				
					43				
					44				
	0	0	0	7	45				
	0	0	0	8	46	2	5		
	5	1	9		47				
	10	5	10		48				
	15	2	11		49				
	2	2	12		50				
	5	2	13		51	3	5		
			14		52	2	10		
			15		53	1	10		
	3	5	16		54				
			17		55				
	10	2	18		56				
	15	2	19		57	1	5		
	10	1	20		58				
			21		59	2	5		
	10	3	22		60				
			23		61	3	5		
			24		62				
			25		63				
	10	3	26		64	2	5		
	10	2	27		65				
			28		66	5	5		
			29		67	1	20		
			30		68				
			31		69				
			32		70				
	10	3	33		71				
	10	2	34		72				
	5	1	35		73				
			36		74				
			37		75				
			38		76				
			39		77				