

[illegible]



Location:	CO Fraser					Site:	JPL		Date:	20241107		
Time:	0945		Observers:		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) 15.6	SWE (mm) 20.5	Density (kg/m3)	Evidence of melt resulting in SWE loss? (Y/N)		
Precip Type	Rain	Snow	Graupel	Hail	Rain/Snow	Sample B	15.8	20.5		Yes		
						Sample C	15.4	19.5				
Sky	Clear	Few ( $< 1/4$ of sky)	Scattered ( $1/4$ - $1/2$ of sky)	Broken ( $> 1/2$ of sky)	Overcast (complete cover)	Ground condition	Frozen	Moist	Saturated			
Wind	Calm (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25mph)	Strong (26 - 38 mph)	Extreme ( $> 38$ mph)	Ground roughness	Smooth ( $< 5$ cm)	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		
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments		Height of Ground Vegetation (cm)	5			
Digital LWC			Snow Scope			Weather	S-1 <del>2000</del> <sup>trains to</sup> OVC SUN <sup>poke</sup> through					
Stratigraphy pictures			Lyte Probe									
Standard ram			SMP			Pit						
Powder Ram			Force Ram									
Slush Ram			Force Snow Scope			Hardness						
HS Transects			Snow Scope Transects									
Pit Pictures			SSA / NIR Box			Misc	HS Stake 20 cm					
Other												