

Location:	CD	Site:	REF HQ	Date:	2020-03-18				
Time:		Observers:	E. Ingle	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 (< 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 - 25 mph)	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)	
Digital LWC	Y	101	Snow Scope	Y	308	Weather			
Stratigraphy pictures	Y		Lyte Probe	N					
Standard ram	Y		SMP	N				perc columns pools in pit wall	
Powder Ram	Y		Force Ram	Y					
Slush Ram	Y		Force Snow Scope	Y	151				
HS Transects	N		Snow Scope Transects	N					
Pit Pictures	Y		SSA / NIR Box	Y	101			94 cm thick snow	
Other			Misc						

Location (Regional Scale)	Date (YYYYMMDD)	Observers (first initial & last name):	Temperature profile times		Comments/Notes:
Site (Study Plot)	Time (pit opened)		START	END	
C	20250318	E McCreary	1300	1121	SI 2 - 5mm P95P
FTE = H A	1213	Skinner	1221	1153	
Pit ID SITEYYYYMMDD	Snow Depth (cm)	LWC Device & SN	UTME	UTMN	Zone (two digit) GPS device & uncertainty:
FEF14A20250318	99	101 101.2±2.1	0424431	44173540	13 6654/-2 m

Location: C0

Site: FEFUQ

Pt: FEFUQ 20150318

Date: 20150318

Time: 1927

Observers: E M, C W S

Time: 1927

Comments: Survey

Force Gage: N max, manual, digital, Grnd

Y/N

Comments

X-Coord: Y-Coord: Time: Data Type: SN: Profile #: Force Gage:

Depth: cm

Depth: cm

Grnd

0 30 1317 5:30 P.M. 1001 100

4

Y/N

30 30 1331 10:00 P.M. 101 105

2

Comments: Survey

0 60 1337 Snow Sample 102 103

4

Y/N

30 60 1342 103 103

89

Comments: Survey

60 60 1343 104 101

101

Y/N

90 60 1348 105 102

101

Comments: Survey

120 60 1349 106 103

103

Y/N

0 90 1340 Force Gage 1000 113

95

Y/N

30 90 1340 107 113

95

Comments: Survey

60 90 1340 108 114

95

Y/N

90 90 1340 109 115

95

Comments: Survey

120 90 1340 110 116

95

Y/N

0 120 1343 111 117

95

Comments: Survey

30 120 1343 112 118

95

Y/N

60 120 1344 113 119

95

Comments: Survey

90 120 1345 114 120

95

Y/N

120 120 1345 115 121

95

Comments: Survey

0 120 1345 116 122

95

Y/N

Ram Penetrometer Field Data Sheet

Location: CO	Tube weight	T	kg											
Site: FEF HQ	Hammer weight	H	kg											
Associated pit/transect/point: FEF HQ 20250318	Number of falls	n												
Date: 20250318	Fall height	f	cm											
Observer: E McClue Skinner	Location of point	p	cm											
UTME:	UTMN:	Zone: 13	RN = T + H + nfH/p kg											
Ram type: STD / Pocu	Ram mass:	kg	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	8	0.1	0	0	0	2			2	25	44.5
1	0.5	0	0	8	0.1	0.2	0	0	3			1	25	45.5
	1.5	9				1	5	5				1	10	47.5
	5.5	10				1	3	6				1	10	49.5
	1.70	11						7						51
		12					2	3	8				1.5	52
		14					5	5	9					53
	1.10	17					2	20	10				2.5	54
	2.5	28					4	20	11				1.10	55
		29					3	25	12					56
		30					2	25	13					57
	3.5	31							14					58
	1.10	32					1	25	16					59
	3.10	33					1	10	18.5					60.5
	1.20	34					1	5	20				1.5	61
	2.20	35							21					62
	1.30	36							22				2.5	63
		37							23				1.10	64
		39							24					65
	1.20	40					1	10	25					66
	2.20	41							26					67
	1.30	43							27					68
	1.20	46					2	15	28					69
	1.10	47					2	20	29					70
		48					1	25	30					71
	1.5	49					2	25	31					73
		51					1	25	32				1.5	74
	2.5	52							33					75
	1.10	53					2	25	34					
		54					4	25	35					
	2.10	55					2	25	36					
	1.10	56							37					
	2.10	57					3	25	38					
	1.70	58					2	15	39					
		59					1	25	40					
	2.70	60					2	25	41					
							4	25	42					
							2	25	43					

Notes:

