



PM FORM 2018-19

Date:	20190305	Time:	1800	Guides Present:	Amadon, Berry, Casey, McCormick, Kittrell, DeMoe
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Area/Zone/Drainage: Lake Creek / Trail Creek

FIELD WEATHER SUMMARY:

Elev. Observed		SKY		Precip		Est Wind @ Ridgetop		Temperature (C)		Snow Depth (cm)		
HI	Low	AM	PM	AM	PM	Speed & Direction		Hi	Low	HN	HST	HS
9,300	6600	OVC	OVC	NO	NO	light	W	-3	-7	0	0	260

Summary of today's weather trends and factors including pressure, visibility, radiation, snowfall distribution, wind drifted snow:

Cloudy all morning with the cloud layer dropping until 1300. Then a few windows of filtered sun.

AVALANCHE OBSERVATIONS:

NUM	TRIGGER	TYPE	SIZE	INC	ASP	ELEV	LOCATION	COMMENTS

SNOWPACK OBSERVATIONS:

Summary of observations including: penetration, snowpack tests/location, relevancy/results, layer extent, changes through day:

Ski Pen 20-35cm, CT / hand pits moderate to hard with dirty shears in mid storm layers 20cm and 55cm sub surface. Hollow structure at the base, solars seemed to have even worse structure than shady.

Snowpack Structure: (Relevant layers of interest, how to identify them and distribution. Slab thickness and distribution. Average SN depths. Etc.) :

20cm F PP, 60cm 4F PP/ DF, 115 CM 1F RG/ DF, 15-45CM F DH

ASSESSMENT OF THE AVALANCHE PROBLEM

Avalanche Characteristics			Likelihood of Triggering		Terrain Feature
Layer of Interest: Depth/Date	Type:	Size: (D/R-Scale)	Sensitivity:	Distribution:	Terrain: (Location, Aspect, Start Zones, Shape, Incline, Run Name)
90-150cm / 1122	Deep Slab	3	Stubborn	Specific	Shady and solar features that are 38* or greater, esp with wind loading

AVALANCHE HAZARD SUMMARY

Summarize the character of the primary concern including the date/depth/distribution of the problem/weak layer. ID strategies for identifying the primary concern. What information is still lacking?

As mentioned above structure on solar aspects seems worse than shade. We are in entrenchment mode with our deep slab problem and not finding any other problems.

TERRAIN USE STRATEGIES:

Summarize terrain choices, features committed to and avoided, timing.

Also, in entrenchment mode with avoiding unsupported, rocky, thin and over 38* terrain.