



# PM FORM 2017-18

**Date:** 20180120    **Time:** 1612    **Guides Present:** Drew, Alex

**Area/Zone/Drainage:**

**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
10,000	6000	CLR	FEW	NO	NO	light	NW	-7c	-11c	trace	20	100

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

Good weather with calm to light winds.

**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 60-80cm depending on your height. Snowpack tests on west and south showed greatly improved test scores. No propagating test scores on ECT's, CT's in the medium to hard range, progressive compression or resistant planar. Pole pokes on shady aspects still revealed poor structure but no cracking, whomping or obvious signs of instability.

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

20cm of new on compressed and weathered DF, 30-50 of dense DF on a weak FC layer. Solars have a thin MFcr about 20cm down.

**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)
12/19 80cm	Persistent Slab	2	Stubborn	Specific	All aspect accept south, all elevations

**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?*

Stability is greatly improved since 20180114 when we witnessed a massive avalanche cycle. Hangfire from previous slides was very stubborn. We were not able to kick any hangfire pockets loose. We were surprised at how much the stability had improved in the last week.

**TERRAIN USE STRATEGIES:**

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

Old slide paths skied well but not as good as solar and shady ridges and low angle slopes. We skied very conservative terrain based on the structure and the only real slope testing we did was above old crowns as mentioned above.