



# PM FORM 2018-19

**Date:** 20190112    **Time:** 1730    **Guides Present:** Casey, Kittrell

**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	7200	CLR	CLR	NO	NO	light	W	5	-1	0	0	110

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

Warm day with little wind.

**AVALANCHE OBSERVATIONS:**

NUM	TRIGGER	TYPE	SIZE	INC	ASP	ELEV	LOCATION	COMMENTS
couple	N	SS	D1.5	38+	E	9000	Boston Bowl	Mid elevation pockets where SH was not washed out by wind
1	N	SS	D1	38	NE	8600	Whiskers	Another mid elevation pocket but even lower, likely failed on burried SH

**SNOWPACK OBSERVATIONS:**

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

Boot pen 100cm or entire HS. Pinyon 8320' E CT21 Q1, ECTP15 Q1 @100cm down. Solar aspects took heat again today, MFcr formed this afternoon.

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

Average snow depth was variable 100cm to 150cm, depending on aspect.

**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)
95cm / 1122	Persistent Slab		3 Un-Reactive	Specific	Steeper, rocky, classic start zones
40cm / 0105	Persistent Slab		2 Stubborn	Specific	Sheltered, steep, rocky, classic start zones.

**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?*

The pattern of natural avalanches seems to have a pattern of failing at mid elevations. This is likely due to the strong winds we had before the storm knocking down the SH in start zones, most start zones are less prone to sliding than mid elevation where the SH is still present. Still poor structure in most of our terrain.

**TERRAIN USE STRATEGIES:**

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

Good use of terrain. We were a little surprized with the pocket that pulled out at the bottom of the run we call Whiskers, we did back off similar terrain based on natural activity.