



# PM FORM 2018-19

**Date:** 20190207    **Time:** 16:40    **Guides Present:** Deal Bozo Alex

**Area/Zone/Drainage:** Konrad / Goat

**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'	7,500'	CLR	CLR	NO	NO	Light	N	-15	-13	0	45cm	140

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

Clear cold day light North winds no transport noted solar aspects still skiing well except HOT oven terrain features

**AVALANCHE OBSERVATIONS:**

NUM	TRIGGER	TYPE	SIZE	INC	ASP	ELEV	LOCATION	COMMENTS
several	N	L	D.5	>35	W	ATL	throughout Boulders under steep aprons	under steep aprons >35
2	N	SS	D2	>35	SE	9,000'	Amber lake Basin	These slides put a large load on slope and didn't step down into DH ran on storm IF

**SNOWPACK OBSERVATIONS:**

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

PS = 20cm-40cm PB = 40cm-90cm / Pit #1 8,600' West 31\* HS 140 cm CTH x2 down 130cm ECTX DHxr moist (picking up Grass and Rocks no sudden results / pit #2 Football Feild SW 9,400' 22 \* CTM RP x3 mid storm IF 40cm down no other failures noted / Under lowest MFcr there are FC 2mm-4mm dry F DHxr at ground, moist in both pit locations / Small SH observed widespread

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

110-140cm HS solar aspects have 2 or 3 MFcr sub surface with FC dry and present / upper pack 45cm F PP mid pack crust combos / lower pack 30cm of DHxr 4F-F density with crystals gaining moisture and rounding. SN pack will support your your foot penetration at upper elevations and lower elevations you will fall to the ground.

**ASSESSMENT OF THE AVALANCHE PROBLEM**

Avalanche Characteristics			Likelihood of Triggering		Terrain Feature
Layer of Interest: Depth/Date	Type:	Size: (D/R-Scate)	Sensitivity:	Distribution:	Terrain: (Location, Aspect, Start Zones, Shape, Incline, Run Name)
11/22 140cm	Deep Slab	3	Un-Reactive	Widespread	thin rocky 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?

There are still alot of uncertainties out there. Our tests didn't show any problems but the structure is still concerning. Solar aspects with MFcr showing dry FC matrix but no concerning test results TODAY. What will happen with our first big warm up??? Deep persistent problem hard to trigger other than suspect locations. Slides noted above should have influenced DSI problem but did not ?? We had no RED FLAGS signs today.

**TERRAIN USE STRATEGIES:**

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

We did close terrain in the field today on east aspects down stream of the East Ridge,because of poor structure, just couldn't trust it today being our first day of Heli operations in this drainage today .