



PM FORM 2018-19

Date: 20181231 **Time:** 1630 **Guides Present:** Bozo, Pat, Alex

Area/Zone/Drainage: Pinyon, Paradise, Snowslide

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
9,400	7200	CLR	CLR	NO	NO	light with moderate gusts	N	-9	-13	12	12	90cm

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

Warmer and with less wind than forecast.

AVALANCHE OBSERVATIONS:

NUM	TRIGGER	TYPE	SIZE	INC	ASP	ELEV	LOCATION	COMMENTS
1	N	SS	D1	38	S	9000	paradise	small localised wind slab
1	N	SS	D1.5	38	E	9800	head waters of baker	larger wind slab on old new interface

SNOWPACK OBSERVATIONS:

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

Boot pen is still equal to HS. Ski pen 15-30cm. Sandbox, W, HS 80, CTH 25 SC Q1 down 80cm in DH, second CT in same location did not fail. 12/11 interface is still discernable but did not see any reactivity today on this layer. Structure is poor but just not seeing any signs of instability besides wind slabs.

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

Upper pack-10-15cm of DF(winded PP) 20cm F DF, 15cm 4F RG, 15cm 1F RG. Mid pack- 20cm 4F FC. Lower Pack-10cm 1F FCxr, 5cm 4F DHxr.

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)
12/30 15-30cm	Wind Slab	2	Stubborn	Specific	Mid elevation crossloaded and upper elevation NE to SW lee slopes
1122 85cm / 12111 40cm	Persistent Slab	2.5	Un-Reactive	Isolated	layers have been taming down with time and slab consolidation. Main concern is stepping down from wind slab or thin 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?

Wind loaded and crossloaded terrain is still the most concerning at this time. Haven't seen any reactivity on PWL's but as other operators have mentioned we are still keeping them on our watch list.

TERRAIN USE STRATEGIES:

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

Heavily winded in all of our terrain, but winded surfaces skied better than they looked form the air. Had to fly around more than a typical day but managed to find good skiing. Good guide skills needed today with cold and various surfaces.