



PM FORM 2017-18

Date: 20180215 **Time:** 17:00 **Guides Present:** Alex / Pat / Dan

Area/Zone/Drainage: Paradise

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
10k	7,800'	OVC	FEW	NO	NO	Mod G Stong	NE	-6	-11	15cm	20cm	160cm

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

Low clouds on Baker Divide until 11:15 this morning. Moderate winds this morning from NE eventually backed off in the afternoon to almost calm. Cold day at elevation with a wind values to be concerned with for clients. Snow fall from yesterday in the Smoky's 15cm-20cm ? Did'nt find any sensitive wind slabs to be concerned with today in our ski terrain. No solar damage today to our ski terrain

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:

Boot/ 30-40cm Ski/ 30cm -40cm onn cold 10-15cm solar Not alot of digging today because of unpredictable wx and delayed start to our day. Dug in the Sandbox in two different locations looking for burried SH but did'nt OBS any. 60cm down to our 12/19 IF still intact 80cm down to T-day IFrc in between these layers there is 10cm of 4F dry FC poorest structure I've seen remote. First time we have skied this run this year.

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

seems like we picked up 15cm in the Paradise drainage last night. No windslab problems today. We have a very green runlist in our remote terrain. dont know where we could trigger a slide where we ski. Still have one location to look for burried SH in its a wrap.

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)

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?

may have been a recent cross loaded slide on a west exposure on a steep unsupported slope?? Things will change soon with approaching system. Solars are very locked up and strong with MFcr. With that said below 8K we have our Super Bowl sunday rain line that we will need to pay attention to !!

TERRAIN USE STRATEGIES:

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

Use caution while entering off leeward ridges lines for potential wind slab deposits, avoid unsupported slopes, shallow trigger points, and terrain traps.