



# PM FORM 2017-18

**Date:** 20180212    **Time:** 1700    **Guides Present:** Alex, Reggie

**Area/Zone/Drainage:** Paradise, West Fork Big Smokey

**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	6200	SCT	SCT	NO	NO	light going to calm	N	-4	-7	5-10	5-10	105-160

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

New snow was up to 20 cm deep on upper regions (start zones) of shady slopes where it had been wind loaded in, just a trace on lower run out zones and drainages.

**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 pen- 2-40, Ski Pen 2-30. Did not dig any fromal snopits but we have been skiing in the same area for e a few days and finding good stability. Pole pokes are confirming a strong snowpack down to at least half the depth of the pack (50-80cm)

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

Old slide paths HS 105cm, 55cm of snow F->1f on top of bed surfaces (0116), FCxr P/K to ground below. Everywhere else HS 150-160cm, Slab on top of Dec FC is mostly 1f RG, Dec FC are 4f and moist.

**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)
90cm / Dec FC	Persistent Slab	3	Un-Reactive	Specific	Steep, rocky, unsupported.

**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?*

No wind slabs observed today, still tracking FC layers but seem to be taming down significantly.

**TERRAIN USE STRATEGIES:**

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

Skied steep terrain today but avioded rocky terrain and runouts with terrain traps when steep. The heat never really turned on today so no timing issues other than solar which skied well would have been better with heat.