PM FORM 2017-18

Date:	20181226	Time:	1643	Guides Present:	Bozo, Pat, Tate, Alex

Area/Zone/Drainage: Pardise, Skillern

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
9,500	7200	BKN	BKN	NO	NO	light gusting moderate	N	-9c	-11c	trace	7cm	60-90

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

Saw some lenticular clouds trying to form. No solar radiation impacts. Enough wind this morning to transport snow.

AVALANCHE OBSERVATIONS:

NUM	TRIGGER		TYPE	SIZE	INC	ASP	ELEV	LOCATION	COMMENTS
couple	N		HS	D1.5	35	E	8700	fox peak area	small wind slabs under rmid elevation ridges

SNOWPACK OBSERVATIONS:

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

Generaly punchy snowpack with only one collapse today. Finding SH in some locations about 40 cm deep (12/11). Widespread SH on surface. **Test Scores** (Bowl Rider) NE aspect, 28deg, 8200'CT23 SC Q1 80cm down x 2 (this pit had unreactive SH burried 40cm down.). (Rhonda Nay) SE aspect 8500' HS 85cm, no MFcr, CT30x2 RP Q2 down 50cm on 12/11 interface, (Phantom Flanks) E aspect 8200' HS 85cm, CTE 23 SC Q1 x2 failing on DH 80cm's down, ECTP 25, 40cm down on 12/11 interface , FC. Developing a 1 Finger slab on 12/11 interface.

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

Average HS and boot pen 60-90cm. In our remote terrain, upper pack is 30-40cm F DF. Mid pack is 12/11 SH with 20-30cm of 4F FCxr below. Lower pack is 15cm F DH or FCxr depending on aspect and elevation.

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)
85/1122	Persistent Slab	2	Stubborn	Specific	mid and upper elevation shady
40/1211	Persistent Slab	1.5	Un-Reactive	Isolated	reactive on mid and upper elevation NE and SE. This is SH.

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?

Snow seems to be mosty unreactive but continue to track layer and hopefully gain confidence in the snowpack.

TERRAIN USE STRATEGIES:

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

Timing was good, we avoided a fuel run through efficent communication. Skied non-consequential terrain.