



PM FORM 2017-18

Date: 20180220 **Time:** 1700 **Guides Present:** Pat, Alex

Area/Zone/Drainage: Paradise, Elk Creek, Pinyon, 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
9,800	6200	BKN	OVC	SN	NO	light	NW	-10	-17	0	0	160

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

Cloudy and light snow until 1100, we flew west and were in a big blue hole until about 1300. Then big banks of clouds started moving though the area and bye 1600 Ketchum was overcast.

AVALANCHE OBSERVATIONS:

NUM	TRIGGER	TYPE	SIZE	INC	ASP	ELEV	LOCATION	COMMENTS
1	N	WS	D2	38	E	9500	placer creek	
1	N	WS	D2	40	E	8900	placer creek	

SNOWPACK OBSERVATIONS:

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

No formal pits today, no obvious changes since yesturday other than the slab did start to consolidate and we saw small cracking in gullies from skies cutting above old tracks.

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

40cm HST of F- PP over 2cm IFrc over 10-15cm FCsf on old snow. Standout layer was rain crust from event early in the storm. This was reactive where wind loaded snow sat on top of it, but unreactive in areas without a slab. Didn't observe mid or lower snowpack.

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)
40cm/0218	Storm Slab	2	Reactive	Widespread	Steep and convex rollovers

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?

Still concerned about the mid storm, thin ice lens that we witnessed yesterday. No wind slabs observed other than from flying around.

TERRAIN USE STRATEGIES:

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

Cold day, skied standard opening runs and kept people moving to keep them warm.