



PM FORM 2018-19

Date: 20190221 **Time:** 1742 **Guides Present:** Amadon, Crist, Deal, Kittrell

Area/Zone/Drainage: Pinyon, Bufu

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	7000	FEW	CLR	NO	NO	calm	-15C	-8C	0	0	185-230

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

SCT clouds in the AM trending to CLR in the PM. Could cover preserved East facing slopes/snow. No wind transport observed. South facing slopes absorbed heat and will likely have a crust tomorrow below 8000

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:

The only layer giving us results in tests is a mid storm layer 45cm sub surface. We did do a PST, the basil facets were 180cm deep, the test showed no results. I could barely pry the block off the with a shovel. Would like to test the deep slab problem in a more shallow location soon.

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

HS 185-200 right side up top 90cm, still evidence of persistent basal facets but they are deep in our remote locations.

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)
150-200/1122	Deep Slab	3	Stubborn	Isolated	mid-upper elevation steep, rocky and wind loaded.

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?

DSI is still primary concern. Avoidance of steep rocky terrain and margins where snowpack gets shallow.

TERRAIN USE STRATEGIES:

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

Avoidance of steep rocky terrain and thin start zones. Avoidance of solar aspects for ski quality at lower elevations.