PM FORM 2017-18

Date:	20180128	Time:	1500	Guides Present:	Tate, Reggie, Alex
Area/Zone/Drainage:					

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	BKN	SCT	NO	NO	moderate	N	-2	5	0	0	60-100

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

Moderate wind from the North with strong gusts until 1000. Winds died down to calm with light gusts after that.

AVALANCHE OBSERVATIONS:

NUM	TRIGGER		TYPE	SIZE	INC	ASP	ELEV	LOCATION	COMMENTS
1	N		SS	D2	40	E	8800	Durance	cornice drop that started a soft slab
many	N		WL	D1		S	8-10 K	easley to konrad	steep rocky

SNOWPACK OBSERVATIONS:

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

Poor structure woth no cracking or collapsing, Heat turned on fast after 1130 and we exited the field about an hour later. Propogating test scores on a SW aspect at 9000'

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

Boot top deep snow (25cm) on 20 cm of 4F DF and RG to a crust with FCsf on top, then 20-40 cm of stronger FCsf to near the ground with a weak F density layer of DH on the ground. The weak DH was more prelevent on shaded aspects.

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)
12/19 45-55cm	Persistent Slab	2	Stubborn	Widespread	all aspects except due south, all elevations

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?

Weak structure, a little worse than expected. Skied low consequence terrain and started to step out a little then the heat chased us out.

TERRAIN USE STRATEGIES:

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

All good except we should have exited the field about 30 min. earlier due to heat. Solar aspects and even margins will likely be crusted on top tomorrow.