



PM Operational Hazard and Risk Assessment

Date: 20180404 Time: 800 Guides Present: McCormick, F. StOngé

Field Weather Summary:

Elevation Observed		Sky		Precipitation		Estimated Wind @ Ridgeline		Temperature (C)		Snow Depth (cm)		
AM	PM	AM	PM	AM	PM	Speed (MPH)	Direction	High	Low	HN	HST	HS
7000	8800	Few	Clear	-	-	Light	SE	4	-8	8	8	110-160

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

Cold and breezy conditions overnight gave way to clear and calm. Winds shifted from WNW to SE and tapered shortly after sunrise. Some cold sinks stayed cool due to light wind despite sharp upward trend in temps. New snow drifted up to 12" in places.

Snowpack Observations:

Summary of observations including penetration, snowpack tests/location, relevancy/results; layer extent, past avalanche occurrences:

8000' SE: Boot pen 10cm, Ski pen 10 cm. New snow well-bonded to knife-hard crust at old-new interface.

Avalanche Observations:

Date	Number	Size	Location	Trigger	Type	Inclination	Aspect	Elevation	Comments:

Assessment of the Avalanche Problem:

Layer of Interest	Avalanche Character		Likelihood of Triggering		Terrain Feature	Confidence
	Problem	Forecast Size	Sensitivity	Spatial Distribution	Elevation/Aspect	
Date; Depth	Loose; Wet; Storm; Wind; Persistent; Deep; Cornices; Glide	Destructive Potential	Un-reactive; Stubborn; Reactive; Touchy	Isolated; Specific; Widespread	Location/Run Name/Start zone/Shape/Incline	Low; Mod; High
4/2 ; 20 cm	Wind Slab	D1	Reactive	Isolated	Upper Elevation ESE near ridgeline	High

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 lacking?

What you see is what you get, following a warm week. Hard to imagine anything stepping down to old layers in this zone. Will reassess when we approach isothermic conditions.

Terrain Use Strategies:

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

Target wind-loaded fetches on SE

Strategic Mindset:

Stepping Out **Comments:** Venturing out in search of new terrain for Spring Skiing