



PM Operational Hazard and Risk Assessment

Date: 20190129 Time: 1407 Guides Present: McCormick

Field Weather Summary:

Elevation Observed		Sky		Precipitation		Estimated Wind @ Ridgeline		Temperature (C)		Snow Depth (cm)		
Low	High	AM	PM	AM	PM	Speed (MPH)	Direction	High	Low	HN	HST	HS
6500	8500	BKN	CLR	-	-	Light	NW	-5	-10	0	0	70

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

BKN skies gave way to CLR by 1000 with mostly calm winds. Mod-Strong Solar Radiation. No signs of WL by 1400, despite rapid warming.

Snowpack Observations:

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

Ski Pen 0-20 depending on aspect and wind exposure. Hand pits revealed little to no slab character below ridgeline (FC to ground). Hand pits failing in recent storm layer, Q3. P-hard wind slab isolated to ridgeline. 1F-P Sun crust on solars. F snow on protected N 1/4 and in shade lines. No Collapsing or Cracking observed.

Avalanche Observations:

Date	Number	Size	Location	Trigger	Type	Inclination	Aspect	Elevation	Comments:
1/21 ?	1	D2.5	Triple Peaks Area	N ?	SS	35-45	WNW	9000	Ran on Old/Ground, Appear to have failed in steep, wind-loaded start zone just below ridgeline

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	Persistent; Deep; Cornices; Glide	Destructive Potential	Un-reactive; Stubborn; Reactive; Touchy	Isolated; Specific; Widespread	Location/Run Name/Start zone/Shape/Incline	Low; Mod; High
11/22, 12/11; 70-90 cm	Persistent Slab	D2-D3	Stubborn	Specific	Steep, rocky terrain at ridgeleine	High
1/21, 30 cm	Wind Slab	D2	Stubborn	Isolated	Exposed ridgelines	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?

2018 Basal FC / DH still layer primary concern. Not much slab character sitting on this layer in this location, except at ridgeline.

Terrain Use Strategies:

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

Skied low 30's, avoiding start zones and wind-loaded features near ridgeline.

Strategic Mindset:

Status Quo Comments: