



PM Operational Hazard and Risk Assessment

Date: 20190312 Time: 1643 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	Direction	High	Low	HN	HST	HS
7000	9500	BKN	OVC	nil	nil	L	SW	NO	NO	0	NO	200

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

Graybird skies with steady breeze all day. Not enough solar gain to break down yesterday's sun crust.

Snowpack Observations:

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

Ski Pen up to 30 cm. Test Pit @ 9500' N: HS 200cm, ECTN Easy down 10 cm. Very good structure in upper 150 cm of this snowpack (4F-1F, Right side Up). Basal FC layer difficult to detect. (-)CO, (-)CR

Avalanche Observations:

Date	Number	Size	Location	Trigger	Type	Inclination	Aspect	Elevation	Comments:
3/11/19	1	D0.5	Suicide Bowl	ASr	DL	40	N	9000	Remote trigger of a small DL pocket near our ski line.

Assessment of the Avalanche Problem:

[Conceptual Model of Avalanche Hazard](#)

Layer of Interest	Avalanche Character		Likelihood of Triggering		Terrain Feature	Confidence
	Problem	Forecast Size	Sensitivity	Spatial Distribution	Elevation/Aspect	
<i>Date; Depth</i>	<i>Persistent; Deep; Cornices; Glide</i>	<i>Destructive Potential</i>	<i>Un-reactive; Stubborn; Reactive; Touchy</i>	<i>Isolated; Specific; Widespread</i>	<i>Location/Run Name/Start zone/Shape/Incline</i>	<i>Low; Mod; High</i>
11/22, 200 cm	Deep Persistent Slab	D3.5	Unreactive	Widespread	Will be something to track as we enter Spring warming	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?

Keeping Basal FC layer on the list as we enter wet slab season. This layer might surprise us the first time it sees melt water.

Terrain Use Strategies:

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

Skied up to 38*

Strategic Mindset:

Stepping Out Comments: