



# PM Operational Hazard and Risk Assessment

Date: 20190315 Time: 1600 Guides Present: RB

## 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
6200	8200	FEW	CLR	nil	nil	C		-2	-10	0	0	120

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

Light solar gain except low eleva steep south. Slow diurnal cooking process.

## Snowpack Observations:

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

Ski pen 10 cm. Surface faceting breaking down minor zipper crusts overnight, solar gain softens some thin crusts also in pm. This process not effective in winded zones.

## Avalanche Observations:

Date	Number	Size	Location	Trigger	Type	Inclination	Aspect	Elevation	Comments:

## 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>
Basal facets	Deep Persistent Slab	D3	Unreactive	Specific	upper elevations, thin rocky steep, solar aspects	

## 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?

Basal facets still on list until major warming provides final test in this zone

## Terrain Use Strategies:

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

north 1/4, wind protected is only game in town until afternoon warming provides some schmoo on low elevation south 1/4

## Strategic Mindset:

stepping out      **Comments:**