



# PM Operational Hazard and Risk Assessment

Date: 20180322 - 20180325 Time: 1700 Guides Present: McCormick, St.Onge

## 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

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

Dynamic weather pattern for the last 4 days. Warm SW flow followed by a night of clear skies and lowering temps provided a healthy reset with generally right-side-up unconsolidated storm snow. This was followed by Intermittent dirty flow which brought occasional light snow showers with in and out cloud cover. Light-Mod Solar radiation was experienced Sat/Sun leaving crust on solars.

## Snowpack Observations:

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

HN 20 cm. Storm snow rightside up, and well-bonded to old. RP shears in hand pits @ 50cm on rounding facets. No results on ski cuts. No natural slab avalanches observed, Dry Loose was primary concern.

## Avalanche Observations:

Date	Number	Size	Location	Trigger	Type	Inclination	Aspect	Elevation	Comments:
20180322	Many	D1.5	Cold Slopes Sawtooths	N	DL	>35*	Many	8500-10000	
20180323		2 D1	5th Lake Saddle, Birdcage	AS	Wind Slab	35*	N	9000	

## Assessment of the Avalanche Problem:

Layer of Interest	Avalanche Character		Likelihood of Triggering		Terrain Feature	Confidence
	Problem	Forecast Size	Sensitivity	Spatial Distribution	Elevation/Aspect	
<i>Date; Depth</i>	<i>Loose; Wet; Storm; Wind; 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>
3/22 ; 25 cm	Wind Slab	D2	Reactive	Isolated	NE at Ridgeline	
3/22 ; 15 cm	Dry Loose	D1	Touchy	Widespread		

## 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?

Good stability in this zone, with the exception of the very isolated wind slab problem. Dry Loose problem very manageable. Did not observe much wind-affect, but suspect it is lurking.

## Terrain Use Strategies:

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

Skied up to 45° on cold slopes, avoiding wind slab.

## Strategic Mindset:

Stepping Out Comments: