



# PM Operational Hazard and Risk Assessment

Date: 20180327 Time: 1822 Guides Present: McCormick

## 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	Clear	Overcast	-	-	-		3	-3			

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

High ambient temp with Light NW breeze. Things took heat, even low angle Norths.

## Snowpack Observations:

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

Sk Pen 15 cm in midday cream cheese conditions. Dirty hand shears failing in new snow. No signs of instability, aside from large natural avalanche visible in Suidicie Bowl zone (likely rain on snow wet slab from Thurs)

## Avalanche Observations:

Date	Number	Size	Location	Trigger	Type	Inclination	Aspect	Elevation	Comments:
3/22	1	D2.5	Suicide Bowl Right	N	Wet Slab	35°	N	8800	2-4' crown. Good propogatoin, as if on old persistent layer.

## 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
2/14 FC ; 120cm	Deep Persistent Slab	D3	Un-reactive	Widespread	Unreactive after refreeze following rain event	High
3/22 ; 50 cm	Wind Slab	D2.5	Stubborn	Isolated	Upper elevation N aspects near ridgline.	

## 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?

Wind slab appears to be primary concern in this zone. Suspect the Deep Persistent problem is still lurking in lower elevation zones with lower HS where wind slab present.

## Terrain Use Strategies:

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

Skied up to 32°

## Strategic Mindset:

Assessment **Comments:** Avoiding wind slab while gathering info about spatial variability of persistent problem