



PM Operational Hazard and Risk Assessment

Date: 20180419 Time: 2100 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
8500	9800	Overcast	Broken	Flurries	-	Light	SE	8	-5	0	25	

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

Ambient temps above freezing, all precip received during flurry event remained snow. Light greenhousing mid day.

Snowpack Observations:

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

Ski pen 0-15 cm. Boot supportable on solars as high as 9800. D1 loose activity observed on ski cuts. No evidence of natural activity. Clean hand shears on cold aspects at 30 and 50 cm on crust matrix, but not too concerning given the density above and below.

Avalanche Observations:

Date	Number	Size	Location	Trigger	Type	Inclination	Aspect	Elevation	Comments:
4/18-19	Many	D1	Titus Lake Chutes	AS	Loose	38-40	NE-NW	9000	Dry Loose on 4/18. Wet Loose on 4/19

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>
4/18; 25 cm	Wind Slab	D1.5	Stubborn	Isolated	NW near ridgeline	High
4/15; 15 cm	Wet Loose	D1	Reactive	Specific	Cold half of compass. Solars too consolidated to cause concern yet.	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?

Managing slow-moving heavy WL debris in steep terrain will be primary concern as we go into warm high pressure pattern. Cold half of the compass of primary concern as Solars showed considerable consolidation.

Terrain Use Strategies:

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

Avoided steep, unsupported start zones. Skied up to 40*

Strategic Mindset:

Stepping Out Comments: