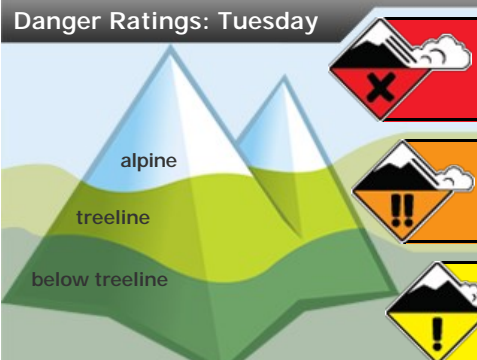


“Expect to find touchy storm slab, minimize time spent in areas exposed to overhead hazard. Avalanches have the potential to run into valley bottoms. Strong winds and snowfall will persist for the day.

” [MH]

Public Avalanche Forecast

**Danger Ratings: Tuesday**



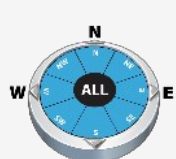

<b>4 - High</b> Very dangerous avalanche conditions. Travel in avalanche terrain not recommended. Natural avalanches likely; human-triggered avalanches very likely.
<b>3 - Considerable</b> Dangerous avalanche conditions. Careful snowpack evaluation, cautious route-finding and conservative decision-making essential.
<b>2 - Moderate</b> Heightened avalanche conditions on specific terrain features. Evaluate snow and terrain carefully; identify features of concern.

Forecast	Wednesday	Thursday
alpine	3 - Considerable	3 - Considerable
treeline	2 - Moderate	2 - Moderate
below treeline	1 - Low	2 - Moderate

Confidence: Moderate

Past 24 hour weather						
Station	Maximum (°C)	Minimum (°C)	Snowfall (cm)	Snow Pack (cm)	Wind speed	Ridgetop wind direction
Fidelity 1905m	-4	-8	14	330	Light (1-25 km/h)	S
Rogers Pass 1315m	1	-4	5	166	Moderate (26-40 km/h)	S

**Problem 1: Storm Slabs**

Which Elevation?	Which Slopes?	Chance of Avalanches?	Expected Size?
			

20cm new snow with Southerly winds gusting to 80 km/hr has formed a storm slab. Another 10cm is forecast today with sustained winds building windslab in lee features. Pay attention on solar aspects where near surface crusts act as a good bed surface

**Travel and Terrain Advice**

Minimize overhead exposure during periods of heavy loading from new snow, wind. Use caution in lee areas. Recent wind loading have created wind slabs.

“Expect to find touchy storm slab, minimize time spent in areas exposed to overhead hazard. Avalanches have the potential to run into valley bottoms. Strong winds and snowfall will persist for the day.

” [MH]

#### Forecast Details

##### Weather Forecast

For all the mountain bikers and rock climbers out there, winter isn't over yet so keep your Gore-tex out! A pacific storm will deliver another 10-15cm of snow today with westerly 30-70km/hr winds. Freezing level will rise to 1700m with an alpine high of -4. Wednesday will see sun and cloud and cooler temps but the snow will return on Thursday.

##### Snowpack Discussion

Moderate to strong southerly winds have redistributed the 20cm of new snow in the past 24hrs forming a fresh storm slab. Cool temps have kept the near surface crust below tree line intact. Watch for a buried crust on steep solar aspects and isolated patches of surface hoar, both down 30-45cm.

##### Avalanche Activity Discussion

A natural cycle will occur today as forecasted snow and strong winds will continue into the evening.

Skier triggered sz 2 wind slab yesterday afternoon on a steep NE aspect, no involvement, read the report [here](#).

A sz 2 skier accidental occurred Saturday midday on a westerly aspect on a cross loaded feature. It ran for 350m and injured the skier.