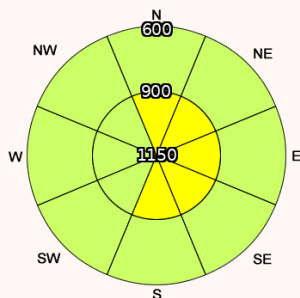


# Southern Cairngorms - Issued 21/02/2022

## Avalanche Hazard Forecast - FOR PERIOD 18:00HRS Mon 21/02/2022 TO 18:00HRS Tue 22/02/2022



| Hazard Level        | Avalanche Probability  |
|---------------------|--|
| <b>Very High</b>    | Natural and human triggered avalanches will occur. Numerous very large, often extremely large natural avalanches can be expected.            |
| <b>High</b>         | Natural and human triggered avalanches will occur. In some cases, numerous large, often very large sized natural avalanches can be expected. |
| <b>Considerable</b> | Natural and human triggered avalanches possible, in some cases large, in isolated cases very large sized natural avalanches are possible.    |
| <b>Moderate</b>     | Very large sized natural avalanches are unlikely. Human triggering possible in indicated steep places.                                       |
| <b>Low</b>          | Only small and medium sized natural avalanches are possible. Human triggering possible in steep, extreme terrain.                            |

### Forecast Weather Influences

Overnight Southerly winds, veering Westerly and increasing to Storm Force during the day. Light snow showers above 600 metres. The freezing level will rise from 600 metres to above the summits early morning before dropping again to 600 metres by mid-day.

### Forecast Snow Stability and Avalanche Hazard

Localised deposits of moderately bonded windslab will continue to develop on North through East to South aspects above 900 metres. This will mainly affect wind sheltered locations such as steep corrie headwalls, gully tops and the leeward side of ridge crests. On windward aspects and at lower elevations the snowpack will be generally stable. The avalanche hazard will be Moderate.

## Observed Avalanche Hazard - Mon 21/02/2022

### Observed Weather Influences

Storm Force North-Westerly winds. Snow showers above 700 metres. Freezing level around 850 metres.

### Observed Snow Stability and Avalanche Hazard

Fresh deposits of moderately bonded windslab continue to build on North through East to South aspects above 900 metres. This was mainly affecting wind sheltered locations such as steep corrie headwalls, gully tops and the leeward side of ridge crests. On windward aspects and at lower elevations the snowpack is generally consolidating and stable. The avalanche hazard is Moderate.

### Mountain Conditions

#### Observed Mountain Travel Conditions

Underfoot conditions - soft snow - breakable crust  
 Good visibility between snow showers  
 Winds approx 75 mph and above, serious and challenging conditions

#### Comments

More fluctuating temperatures and storm force winds on the horizon. 2022 'The Winter of the Wind'.