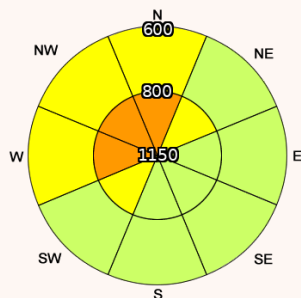


# Southern Cairngorms - Issued 02/03/2022

## Avalanche Hazard Forecast - FOR PERIOD 18:00HRS Wed 02/03/2022 TO 18:00HRS Thu 03/03/2022



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

Heavy snowfall above 750 metres overnight, easing during the day and turning to rain below 1100 metres. Gale force South-Easterly winds overnight, gradually easing to fresh Southerly by the end of the afternoon. 750 metre freezing level overnight, rising to 1200 metres by mid-morning and then 1100 metres during the afternoon.

### Forecast Snow Stability and Avalanche Hazard

Moderately to weakly bonded windslab will rapidly form in wind sheltered locations on mainly West to North aspects above 800 metres with localised, moderately bonded deposits forming below this altitude. Fragile cornices will form above these slopes. Some cross-loading of South-West and North-East aspects will also occur above 800 metres. Elsewhere the snow will tend to be well bonded and stable. The avalanche hazard will be Considerable.

## Observed Avalanche Hazard - Wed 02/03/2022

### Observed Weather Influences

A dry and bright start with cloud building during the morning; thickening and lowering in the afternoon. Strong South-South-Easterly winds. Freezing level around 700 metres.

### Observed Snow Stability and Avalanche Hazard

The snowpack remains firm, well bonded and stable on all aspects. There is good cover above 800 metres with greatest amounts of snow being present on North through East to South-East aspects. Large cornices overhang some slopes on these aspects. Patchy cover below 800 metres especially on West aspects and in exposed locations. The avalanche hazard is Low.

### Mountain Conditions

#### Observed Mountain Travel Conditions

Firm snow-ice on most aspects. Good visibility first thing, cloud rapidly building from mid-morning. Winds 30-40 mph, progress difficult and tiring, blowing us over on occasions.

#### Comments

Heavy overnight snowfall forecast for the Southern half of the forecast area: Extremely careful route choice required on Thursday.