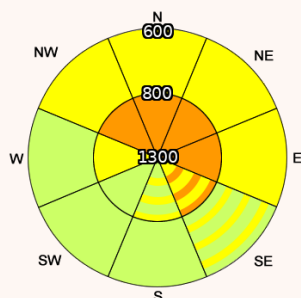


# Northern Cairngorms - Issued 13/02/2018

## Avalanche Hazard Forecast - FOR PERIOD 18:00HRS Tue 13/02/2018 TO 18:00HRS Wed 14/02/2018



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

Fresh South-Westerly winds during the evening will back, becoming Southerly, strengthening through the night to storm force South-South-Easterly from early morning then during the day. After a dry night heavy snowfall will also develop from early morning becoming lighter in the afternoon. Freezing at all levels overnight rising to 800 metres by the end of the forecast period.

### Forecast Snow Stability and Avalanche Hazard

Poorly bonded accumulations of windslab will persist on steep North-East to East aspects above 900 m. From early morning additional unstable deep windslab will rapidly build on North-West to North-Easterly aspects above 800 metres, where avalanches are likely, gully exits, coire rims and crag aprons especially affected. Unstable Cornices will also develop on these aspects. At lower elevations unstable accumulations will build in wind sheltered places. The avalanche hazard will be Considerable

## Observed Avalanche Hazard - Tue 13/02/2018

### Observed Weather Influences

New snow on many aspects, winds strong Westerly, dry during the day but with heavy drifting at higher levels.

### Observed Snow Stability and Avalanche Hazard

Accumulations of poorly bonded windslab continue to build, mostly above 800 metres, on North-East to South-East aspects, with localised accumulations in wind sheltered places on North and South-East aspects due to cross loading. Triggered avalanche activity observed on a North-East aspect at 1050 metres. Westerly aspects generally stable. The avalanche hazard is Considerable

### Mountain Conditions

#### Observed Mountain Travel Conditions

Deep snow at all altitudes - very hard going on foot. Knee deep at 600m!. Poor visibility in clouds and snow during the morning clearing from midday. Winds 20 -30 mph, very cold.

#### Comments

Remaining stormy and very wintry with challenging conditions and avalanche hazard requiring careful route choice and planning.