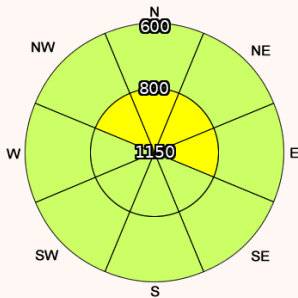


# Southern Cairngorms - Issued 09/01/2022

## Avalanche Hazard Forecast - FOR PERIOD 18:00HRS Sun 09/01/2022 TO 18:00HRS Mon 10/01/2022



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

After a dry night, precipitation arrives before daybreak, falling for a brief period as snow, then rapidly turning to rain as the freezing level shoots up to reach over 2000 metres within a couple of hours. Light South-South-Easterly winds overnight, increasing to become strong Southerly during the day.

### Forecast Snow Stability and Avalanche Hazard

As thaw conditions become established, surface instability will develop in the isolated, deeper accumulations of windslab that exist on very steep terrain on North-West through North to East aspects above 800 metres. Any small cornices that exist will be prone to collapse, acting as a potential trigger. Eventually there will be a trend towards consolidation, especially in the shallow accumulations on easier angled terrain. The avalanche hazard will be Moderate.

## Observed Avalanche Hazard - Sun 09/01/2022

### Observed Weather Influences

A dry day with a good deal of sunshine in some parts and variable low cloud in others. Light to moderate South-Westerly winds. Freezing level 700 metres.

### Observed Snow Stability and Avalanche Hazard

Isolated accumulations of moderately bonded windslab exist in wind sheltered locations on North-West through North to East aspects above 800 metres. Greatest amounts are present on steep terrain above 1000 metres on the high mountains North of the River Dee. Elsewhere there is a thin general cover of snow with the occasional icy patch or deeper drift. The avalanche hazard is Moderate.

### Mountain Conditions

#### Observed Mountain Travel Conditions

General thin cover with deeper drifts in lee locations. Variable cloud base. Winds approx 10 - 20 mph fresh, cooling.

#### Comments

Rapid rise in the freezing level expected during the morning. Surface instability on steepest terrain.