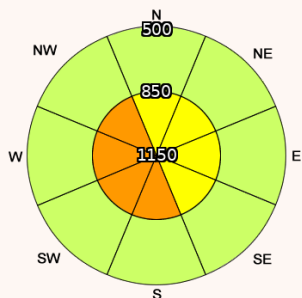


Southern Cairngorms - Issued 09/02/2010

Avalanche Hazard Forecast - FOR PERIOD 18:00HRS Tue 09/02/2010 TO 18:00HRS Wed 10/02/2010



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

Forecast Weather Influences

There will be occasional patchy light snow showers. Light winds will continue from the North while the high pressure ridge remains well established. Freezing level will be at lower levels in the highland glens.

Forecast Snow Stability and Avalanche Hazard

The distribution of the weakly bonded wind slab is quite extensive on South through West to North-West aspects above 850 metres. The slab varies between 10-40 centimetres thick. On steep, unsupported convex terrain avalanches are likely. The avalanche hazard will be Considerable

Observed Avalanche Hazard - Tue 09/02/2010

Observed Weather Influences

A ridge of high pressure is established over the area giving cooler, drier conditions with moderate Northerly winds. There were some very light new snow accumulations.

Observed Snow Stability and Avalanche Hazard

Weakly bonded wind slab lying on graupel is quite widely distributed above 850 metres on South through West to North-West aspects. The avalanche hazard is Considerable

Mountain Conditions

Observed Mountain Travel Conditions

The light new snow amounts have refreshed many lee slopes.

Comments

Snow depths where sampled across a similar aspect at 900 metres ranged from half a metre to over two metres. There is a strong well bonded base but the main concern is surface slab sitting on graupel.