

National avalanche bulletin no. 32

for Tuesday, 27 December 2011 issue date 26.12.2011, 18:30 hours

Considerable avalanche danger in some regions

Current conditions

Boxing Day was mostly sunny. The midday temperature at 2000 m climbed to about plus 2 degrees. In the night, the moderate to strong northeasterly wind transported loosely bonded old snow. It eased during the day. The snow drift accumulations of recent days are still prone to triggering in some places. On the main Alpine ridge in particular, the deepest layers of the snowpack are faceted and weakly bonded in some places above approximately 2500 m.

Short-term development

Tuesday will be sunny and very mild. Midday temperatures at 2000 m will be about plus 5 degrees in the north and plus 3 degrees in the south. There will be a light northeasterly wind.

Avalanche danger forecast for Tuesday

Main Alpine ridge from Great St Bernhard to Avers excluding the southern Simplon region; also the Bivio region; Upper Engadine:

Considerable avalanche danger (level 3)

The avalanche prone locations are to be found on steep slopes of all aspects above approximately 2200 m. The snow drift accumulations of recent days can be released by a single person in some places. Avalanches can also be released in near-ground layers of the snowpack. These avalanche prone locations are difficult to recognise. They are to be found, in particular, on north facing slopes where the snow cover is rather shallow above approximately 2500 m. Avalanches penetrating the old snow cover can be released over an extensive area and reach medium size. For those venturing off piste, caution and experience in the assessment of avalanche danger are required.

Northern flank of the Alps excluding the Gotthard region; remaining regions of Valais; northern Grisons; central Grisons excluding both the regions on the main Alpine ridge and the Bivio region; Lower Engadine; remaining Grisons southern valleys, Ticino excluding the main Alpine ridge:

Moderate avalanche danger (level 2)

Avalanche prone locations are to be found, in particular, on wind-loaded slopes of all aspects above approximately 2000 m. The fresh snow drift accumulations of recent days are to be evaluated with care and prudence. The prevalence and size of the avalanche prone locations increase with altitude. Careful route selection is important. In particular in the regions adjacent to those that are subject to danger level 3 (considerable), avalanches can be triggered in the old snowpack in isolated cases. Caution is to be exercised in particular in shady areas where the snow cover is rather shallow.

All regions: in particular on the northern flank of the Alps and in Valais and northern Grisons, full-depth avalanches are to be expected below approximately 2400 m. These can be released on steep south facing grassy slopes and road embankments in particular.

Trend for Wednesday and Thursday

Wednesday will be sunny and very mild again. Thursday will be very cloudy and a few centimetres of snow will fall in the north. The snowfall level will drop from 1500 m to low altitudes. The avalanche danger will decrease slowly on Wednesday and not change significantly on Thursday.

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