

National avalanche bulletin no. 34

for Monday, 8 December 2008 issue date 7.12.2008, 18:30 hours

Considerable avalanche danger widespread

Current conditions

Since Saturday evening in the eastern part of the Bernese Oberland, along the central Main Alpine Ridge and in northern Grisons, 10 to 20 cm of new snow has fallen; in the eastern part of the northern flank of the Alps, up to 30 cm. During the day it was quite sunny in western regions, in the Valais and in southern regions; elsewhere it was heavily overcast. Moderate northwesterly winds prevailed, during the day light northerly winds arose. Midday temperatures at 2000 m were minus 7 degrees in northern regions, minus 5 degrees in southern regions. The new snow from Saturday has been transported primarily in areas adjacent to ridge lines and at higher altitudes. Elsewhere, the snow is loosely packed in many areas. The snowfall of last week in western regions has consolidated somewhat. At 2000 m there is widespread 100 cm of snow depth. In southern regions there are depths of 150 cm; in southern Valais and in northern and central Grisons, there is a minimum of about 70 cm of snow. Thus, there is double to triple the average amount of snow for this season throughout Switzerland.

Short-term development

On Monday it will be sunny in the Swiss Alps. Light variable winds will prevail. Midday temperatures will rise to plus 1 degree in western regions, to minus 4 degrees in eastern regions, and to minus 1 degree in southern regions. The new snow and snowdrift of recent days continue to consolidate further. Particularly in areas where there has been heavy precipitation in recent days, full depth snowslides are expected to increase in frequency.

Avalanche danger forecast for Monday

Northern flank of the Alps not including Prealps; in addition, Valais; central part of Main Alpine Ridge; central Grisons; Engadine and bordering southern valleys.:

Considerable avalanche danger (Level 3)

Along the northern flank of the Alps not including the Prealps and in the Valais, the avalanche prone locations are to be found on steep slopes in all aspects above approximately 2200 m. In the indicated regions of Grisons and Ticino, the avalanche prone locations are found primarily on wind loaded slopes in all aspects above approximately 2400 m.

In all regions of this danger level, even a single backcountry skier or freerider can trigger avalanches. The most recent, but also the somewhat older snowdrift accumulations are still prone to triggering in places. They are to be found in all aspects, are often covered over with snowfall and are thus difficult to recognize. Particularly in the inneralpine regions of Valais, avalanches can in isolated cases fracture all the way to the ground. Experience in the assessment of avalanche dangers is essential.

Northern Prealps; northern Grisons; southern flank of the Alps south of the central part of the Main Alpine Ridge: *Moderate avalanche danger (Level 2)*

The avalanche prone locations are to be found on steep slopes in all aspects above approximately 1800 m. Freshly formed snowdrift accumulations are prone to triggering and should be avoided.

In the Valais and on the northern flank of the Alps in particular, full depth snowslides are to be expected on steep grassy hillsides below 2200 m.

Trend for Tuesday and Wednesday

On Tuesday, a weak southerly airstream and foehn winds are expected. In the course of the day, cloudbanks will move in from the southwest. The avalanche danger is expected to subside. On Wednesday, snowfall is expected in western and southern regions in particular. In those regions, the avalanche hazards will increase again.

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