

National avalanche bulletin no. 26

for Saturday, 4 December 2010 issue date 3.12.2010, 18:30 hours

Moderate avalanche danger

Current conditions

On Thursday night there was a small amount of snowfall in Grisons. On Friday in all regions of the Swiss Alps it was sunny to begin with. In the course of the afternoon, clouds moved in from the west. The midday temperature at 2000 m was minus 10 degrees. In western regions, the southwesterly wind was blowing at moderate velocity during the night, elsewhere the winds were light.

The bonding between the various layers of new fallen snow and snowdrift from the last few days is improving incrementally. Due to the low temperatures, however, the consolidation is proceeding only slowly. Deeper down inside the snowpack in some regions, a weak layer is evident over the crust which formed in mid- November, in northern Lower Valais in particular.

Short-term development

On Friday night in western regions, a bit of snowfall is anticipated. On Saturday morning in northeastern regions, it will still be overcast, elsewhere it will be sunny. The midday temperature at 2000 m will be minus 11 degrees. Light winds will prevail.

Avalanche danger forecast for Saturday

Entire region of the Swiss Alps:

Moderate avalanche danger (Level 2)

The avalanche prone locations are to be found on steep slopes, primarily in western to northern to southern exposition. On the northern flank of the Alps, the danger zones lie above approximately 1600 m, elsewhere above approximately 2000 m. The highly varied, often older snowdrift accumulations are the major source of the avalanche hazards. The snowdrift is often poorly bonded with adjacent or newer snowdrift accumulations. In the furthermost western regions, in the central and eastern parts of the Main Alpine Ridge as well as in the Engadine, the avalanche prone locations occur somewhat more frequently. These snowdrift accumulations are often blanketed over, making them difficult to recognize. A cautious route selection is recommended.

Trend for Sunday and Monday

On Sunday it will be cloudy. During the afternoon, snowfall is expected to set in from the west and south. The southwesterly wind will be blowing at strong velocity in western and northern regions in particular, and is expected to transport even the older snow. The avalanche danger will increase somewhat, especially in western regions. On Monday, snowfall is anticipated in northern regions and in the Valais in particular. In western regions, the snowfall will be heavy. The snowfall level will be at 1000 to 1500 m. The westerly wind will be blowing at strong to storm velocity. The avalanche danger will escalate widespread, appreciably so in western regions.



