



Danger Level 1 - Low



Tendency: Increasing avalanche danger

on Wednesday 25 12 2024



Wind slab



1500m

Snowpack stability: **poor**

Frequency: **few**

Avalanche size: **small**

Strong northeasterly winds will create snow pillows and slabs at the highest points, which will lie on top of a hard layer of old snow.

During Tuesday, the weather in all mountains of Slovakia will be influenced by the interface between high and low pressure, which will bring strong winds mainly in northeastern directions. Due to the below-average snow cover, there is a low avalanche danger in all mountain ranges. The main avalanche problem is wind-blown snow, especially on the S, SW and SE exposures on steep to extremely steep slopes. At the highest elevations, especially in couloirs, couloirs and terrain depressions, there are snow slabs and pillows that lie on top of a layer of old hardened snow cover and are clearly distinguishable from the older snow cover. The bond between the two layers is not sufficient and a large additional load can release a smaller avalanche. The threat of such smaller avalanches is mainly from being swept into exposed terrain.

Snowpack

The amount of snow in all mountains of Slovakia is below average. Up to 5 cm of new powder snow fell during the last snowfall period. At the highest altitudes, especially in narrow troughs and notches, larger amounts of snow may be blown locally on hard to icy ground. In such places there are smaller slabs and snow pillows of blown snow lying on top of older frozen, hard and sometimes icy layers. The new wind-blown snow is poorly bonded to the substrate and its stability is poor. In many places there is a hard to icy, boring crust on the surface. Under this layer, square-grained loose layers have formed and movement is difficult.

Tendency

With strong winds forecast gently rising

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