

## Fresh snow drifts above the tree line!



## Danger Level 2 - Moderate



**Tendency: Constant avalanche danger** →  
on Monday 16 December 2024



## Above tree line increasing avalanche danger due to fresh drift snow!

### Danger assessment

The Avalanche danger above the tree line is moderate but increasing during day due to accumulating snowdrift. Below the tree line the avalanche danger scale stays low. Accumulating easterly snowdrifts in areas adjacent to ridgelines as well as on slopes are dangerous. Small additional load could trigger medium slab avalanches.

### Snowpack

The snow base doesn't show significant weak layers. In high shady slopes faceted snow base is found. The surface is crusted on sunny slopes with partially surface hoar. Saturday night 10-30 cm new snow is called which will be drifted by stormy northwesterly winds to the eastern sector. Weak layers are expected within the snowdrift layer as well as to the base layer.

### Weather

North of Alpenhauptkamm wintery weather is called for Sunday. Dense clouds in the mountains and snow in the valleys are to expect. In Totes Gebirge new snow up to 30 snow eastward and on the northern side of the Niedere Tauern 10 - 20 cm are to expect. Strong winds from west to northwest are increasing the area of Hochschwab and Mürzsteger Alps. Temperatures in 2.000 m AMSL are icy -9 to -10 degrees C, caution: wind chill effect!

### Tendency

The snow will stop on Monday, wind slab problem will persist.

## Danger Level 1 - Low



**Tendency: Constant avalanche danger** →  
on Monday 16 December 2024



Wind slab



Treeline

## Avalanche danger low but danger spots due to fresh in snowdrift deposits above the tree line.

### Danger assessment

The Avalanche danger is generally low but above the tree in Niedere Tauern few danger spots are located. Caution: fresh driftsnow deposits adjacent to ridgelines in the eastern sector. Accumulating easterly snowdrifts in areas adjacent to ridgelines. Small additional load could trigger small slab avalanches.

### Snowpack

South of the Alps the snow base is small without significant weak layers. In high shady slopes some spores with faceted snow layers are located which provide little stability. On Sunday in Niedere Tauern and the eastern sector drift snow deposits will form which are not sufficient connected with the snow base.

### Weather

North of Alpenhauptkamm winterly weather is called for Sunday. the northwesterly wind causes foehn-like loosening of the cloud cover and only little snow is to expect. Dense clouds in the mountains and snow in the valleys are to expect. Southern of the Niedere Tauern few centimeters of new snow are possible. South of Mur-Mürzfurche no new snow is called. Vivid strong winds from northwest. Temperatures in 2.000 m AMSL are winterly from -8 to -9 degrees C.

### Tendency

The weather will calm down on Monday, avalanche danger stays low.