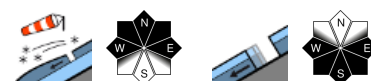


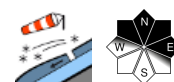
## Strong southerly foehn wind causing snowdrift problem at high altitudes



Großenedigergruppe Nord, Großenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Goldberggruppe Nord, Glocknergruppe Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Nord, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Ankogelgruppe, Muhr



Chiemgauer Alpen, Heutal, Reiteralpe, Loferer und Leoganger Steinberge, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Dientner Grasberge, Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Pongauer Grasberge, Nockberge, Niedere Tauern Süd, Tennengebirge, Gosaukamm



### Avalanche problems



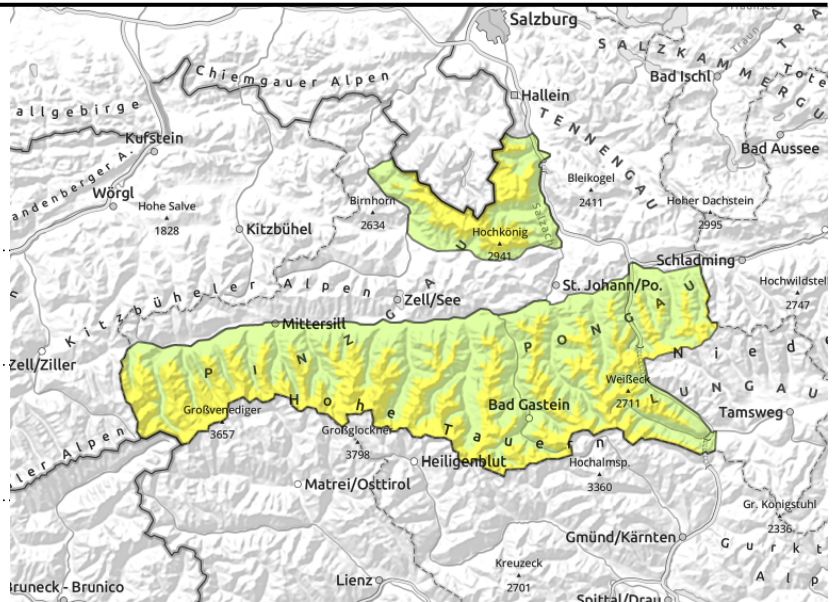
### Danger ratings



### Expositions



**Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Goldberggruppe Nord, Glocknergruppe Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Ankogelgruppe, Muhr**



in wind-impacted terrain caution urged towards fresh, sensitive snowdrift masses



naturally-triggerable on steep grassy slopes, avoid glide-cracks

## Main danger: fresh snowdrift accumulations

Strong southerly winds are transporting the loose old snow and fresh snow, depositing it as drifts behind protruberances, in gullies and bowls. These masses are prone to triggering particularly on shady slopes, can often be triggered as avalanches by one sole winter sports enthusiast. Size and spread of danger zones increase with ascending altitude. Avalanches are mostly small, but can grow to medium size in isolated cases. Snowdrift masses should be avoided wherever possible. Poor visibility makes recognizing the dangers more difficult.

On east-facing, south-facing and west-facing slopes below 2500 m, in addition, there is minor danger of glide-snow avalanches, particularly on steep, unstructured grassy slopes.

## Snowpack structure

Particularly on shady slopes at high altitudes the fresh snowdrifts in wind-protected zones have been deposited on top of a surface of loose fresh snow. Wind-exposed zones have been windblown, gullies and bowls are filled to the brim with drifts. In the lower part of the snowpack only on steep west-facing, north-facing and east-facing slopes above 2500 m are isolated weak layers of faceted crystals embedded between melt-freeze crusts. At low and intermediate altitudes there is no cohesive area-wide snowpack. On steep grassy slopes the snowpack glides away from the ground, due to the warmth.

In general, there is still too little snow for snow sports in the mountains of Salzburg. Above 2000 m the overall snowpack depth is 30-60 cm. Frequently, descents meet up with rocks. In forest zones, there is no cohesive snowpack.

## Weather

**Saturday:** Heavy clouds will form barrier accumulations in the Tauern and Nockberge zones. Apart from that, clouds are dispersed due to foehn wind above the high-fog ceiling. In the afternoon, clouds will stretch over to the north, visibility will deteriorate. Particularly in the Nockberge and Tauern a small amount of snowfall is expected. In the foehn lanes, brisk southerly winds are expected (60 km/hr). At 2000 m: -2 to +1 degree, at 3000 -7 to -5 degrees.

**Sunday:** In Tauern and Lungau Nockberge, mostly cloudy, limited visibility, a few raindrops or snowflakes. Further north, mostly dry. Initially some sunshine, later on the clouds will move in. In the

### Avalanche problems



### Danger ratings



### Expositions



## 03.12.2022 through 05.12.2022

foehn lanes, brisk southerly winds (60 km/hr). At 2000 m, between 0 and 3 degrees, at 3000 m, -4 degrees.

Monday: ample clouds will move in. In the course of the afternoon, snowfall will set in from the southwest, snowfall level at about 1700 m. The initially strong southerly wind will rapidly weaken.

### Outlook

Starting on Tuesday: snowdrift accumulations will bond with the layers beneath them and avalanche danger will decrease.

#### Avalanche problems



#### Danger ratings

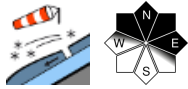
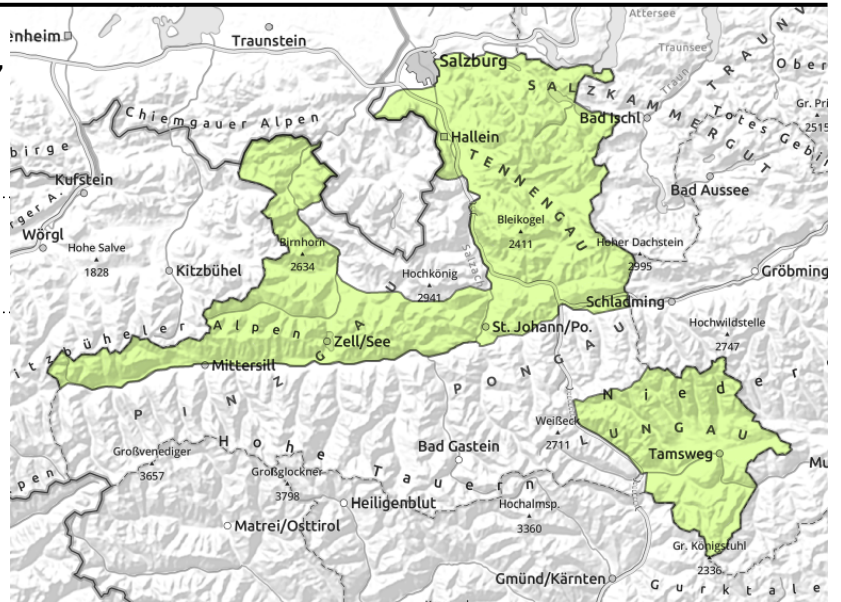


#### Expositions



# 03.12.2022 through 05.12.2022

**Chiemgauer Alpen, Heutal, Reiteralpe, Loferer und Leoganger Steinberge, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Dientner Grasberge, Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Pongauer Grasberge, Nockberge, Niedere Tauern Süd, Tennengebirge, Gosaukamm**



## Mostly favourable situation

As a result of southerly winds, fresh snowdrift accumulations will form in isolated cases, mostly above 2000 m and generally in west-to-north-to-east facing terrain. In isolated cases, one single winter sports enthusiast can trigger an avalanche, but these will remain small. The risks of being swept along and forced to take a fall in steep terrain ( $>40^\circ$ ) outweigh those of being buried in snow masses. Particularly on Sunday, due to poor visibility, the danger zones will be difficult to recognize.

## Snowpack structure

As a result of southerly winds, loose snow is being transported and deposited on wind-protected shady slopes. The drifts are landing atop a loose snowpack surface consisting of fresh snow and faceted crystals which can in isolate cases be triggered.

For winter sports enthusiasts, there is still too little snow on the ground. On backcountry skiing tours, contact with the ground is certain.

## Weather

**Saturday:** Heavy clouds will form bararriers on the Tauern and Nockberge zones. Apart from that the clouds are dispersed due to foehn wind above the high-fog ceiling. In the afternoon, the clouds will stretch over to the north, visibility will deteriorate. Particularly in the Nockberge and Tauern a small amount of snowfall is expected. In the foehn lanes, brisk southerly winds are expected (60 km/hr). At 2000 m: -2 to +1 degree, at 3000 -7 to -5 degrees.

**Sunday:** In Tauern and Lungau Nockberge, mostly cloudy, limited visibility, a few raindrops or snowflakes. Further north, mostly dry. Initially some sunshine, later on the clouds will move in. In the foehn lanes, brisk southerly winds (60 km/hr). At 2000 m, between 0 and 3 degrees, at 3000 m, -4 degrees.

**Monday:** heavy cloud will move in. In the course of the afternoon, snowfall will set in from the southwest, snowfall level at about 1700 m. The initially strong southerly wind will rapidly weaken.

## Outlook

The small snowdrift accumulations will bond with the snowpack beneath them and cannot be triggered. Avalanche danger remains low, Danger Level 1.

Translated by Jeffrey McCabe, [www.creativtrans.com](http://www.creativtrans.com)

### Avalanche problems



### Danger ratings



### Expositions

