
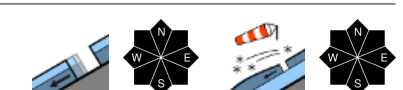






## Marked warming and rain from west to east - in the western regions increasing glide snow activities

	Allgäuer Vorberge, Allgäuer Hauptkamm	
	Ammergauer Alpen, Werdenfeller Alpen, Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost	
	Berchtesgadener Alpen forestline	

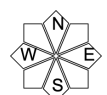
### Avalanche problems



### Danger ratings

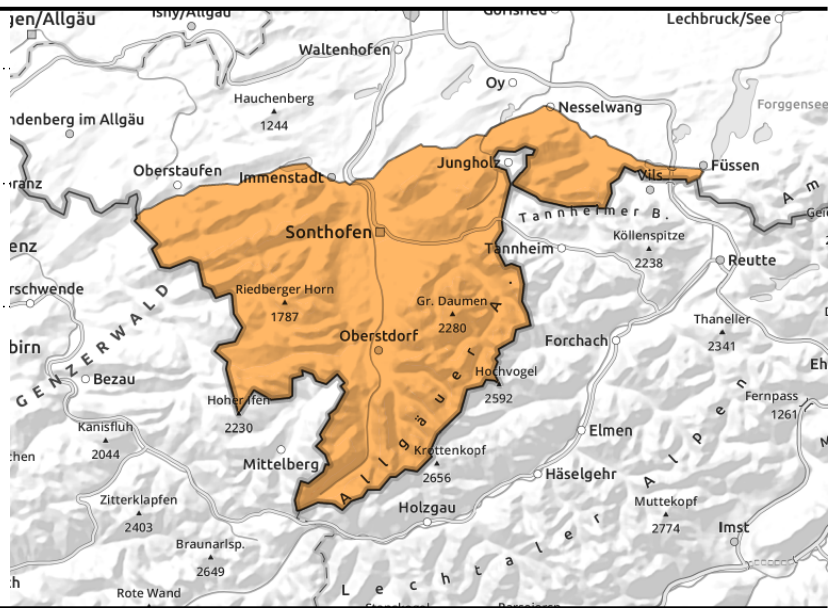
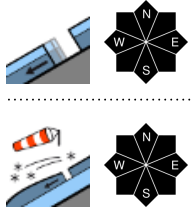


### Expositions



**13.12.2021**

**Allgäuer Vorberge, Allgäuer Hauptkamm**



**Glide snow avalanches and wet loose snow avalanches; problem of snowdrifts and old snow higher up**

The main problem: snowdrifts. Up to high altitude glide snow avalanches can trigger naturally on steep grass-covered slopes and in forest clearances. Glide cracks are alarm signals. Glide snow avalanches can grow to large size in isolated cases and can endanger exposed traffic routes. In addition, snowdrifts are still triggerable above the timberline, in particular by large additional loading. Avalanche prone locations are found in all expositions, however in particular on the shady side. They tend to increase in frequency and size with ascending altitude. At high altitude they can here and there also grow to large size where more deeply embedded layers are triggered. Additionally, superficial wet loose snow avalanches can trigger naturally on the sunny side at low and intermediate altitudes. They tend to be small.

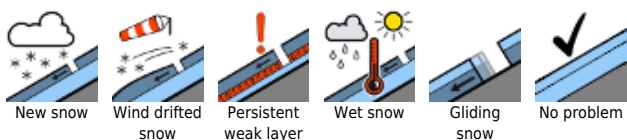
**Snowpack structure**

On Sunday night there will be marked warming with rain up to 2000m. In the last few days the glide snow activities have increased; rainfall and warming have additionally accelerated the gliding movements. The packed snowdrift masses of recent days are bonding increasingly. Weak layers that are prone to triggering continue to exist mainly on the shady side at high altitude, both in the snowdrifts of recent days and at the base of the snowpack. At lower and intermediate altitudes the ground level layers of the snowpack are mainly stable, now moist from above and in many places wet at the base.

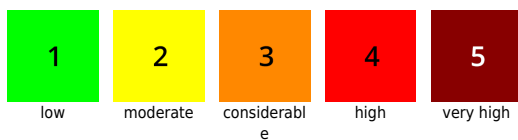
**Outlook**

The danger of loose snow avalanches will increase caused by mild temperatures.

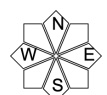
**Avalanche problems**



**Danger ratings**

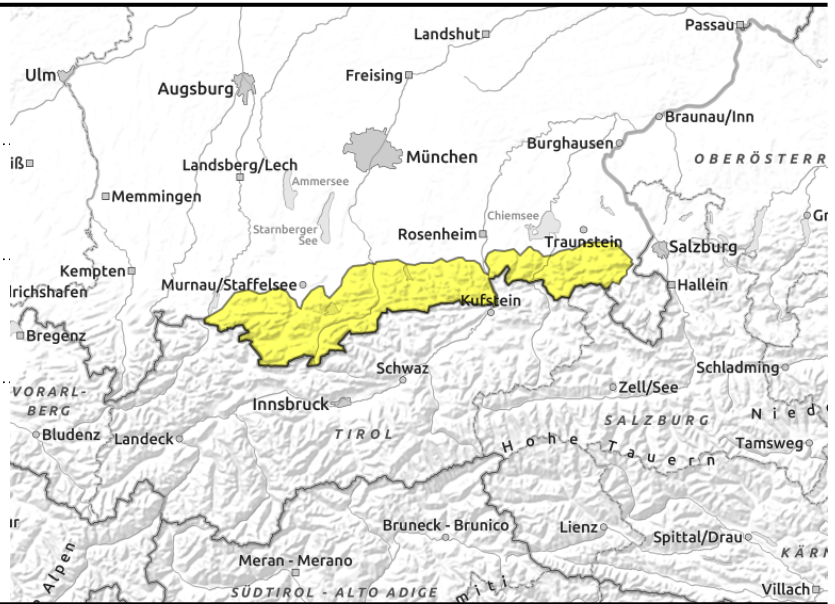
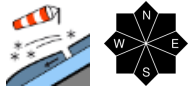


**Expositions**



**13.12.2021**

**Ammergauer Alpen, Werdenfelser Alpen, Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost**



## Snowdrifts up in the mountains; potentially also glide snow or wet loose snow avalanches

The main problem: snowdrifts that are triggerable above approximately 1600m in all aspects in particular by large additional loading. Avalanche prone locations are located in wind-loaded gullies and bowls and behind protuberances, both close to and distant from ridgelines, and tend to increase in frequency and size with ascending altitude. They attain medium size. At high altitude they can here and there also grow to large size where more deeply embedded layers are triggered. Superficial, mostly small wet snow avalanches can be expected to trigger in extremely steep terrain in all aspects at lower altitudes up to intermediate altitudes due to warming. In addition, small to medium-sized glide snow avalanches can release spontaneously on steep grass-covered slopes and in forest clearances at all altitudes and in all aspects. Glide cracks are alarm signals.

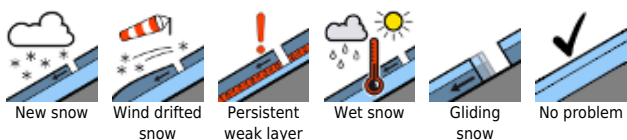
### Snowpack structure

Monday will see marked warming and rain coming from the west. The snowfall level will rise up to high intermediate altitude from west to east during the course of the day. The snowpack surface becomes increasingly moist. In particular in the eastern regions there will be slight snowfall on Sunday night. The packed snowdrift masses of recent days are bonding more and more. In places, there are still trigger-prone layers in places above approximately 1600m adjacent to crusts and at the snowpack base at high altitudes. On grass covered slopes and forests the snowpack is frequently moist to wet at the ground.

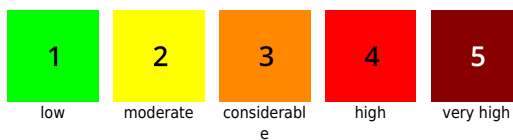
### Outlook

The danger of wet loose snow avalanches will rise with increasing warming.

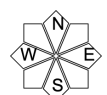
#### Avalanche problems



#### Danger ratings

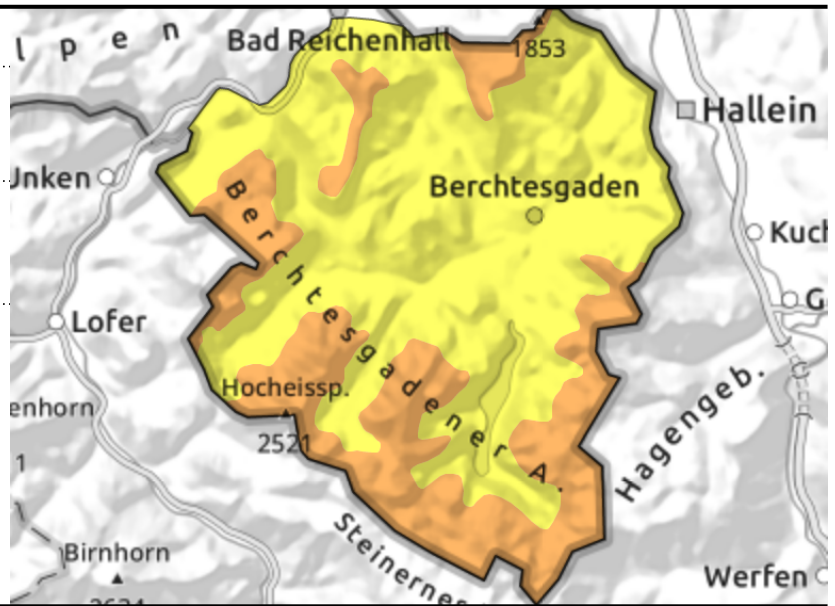
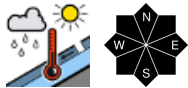
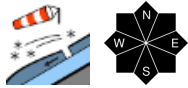


#### Expositions



**13.12.2021**

**Berchtesgadener Alpen**



**Snowdrifts up in the mountains, potentially also glide snow or wet loose snow avalanches**

The main problem: snowdrifts Above the timberline they can be triggered in all expositions by minor additional loading. Avalanche prone locations are located in wind-loaded gullies and bowls and behind protuberances, both close to and distant from ridgelines, and tend to increase in frequency and size with ascending altitude. Avalanches attain medium size.

Superficial, mostly small wet snow avalanches can be expected to trigger in extremely steep terrain in all aspects at lower altitudes up to intermediate altitudes due to warming.

In addition, small to medium-sized glide snow avalanches can release spontaneously on steep grass-covered slopes and in forest clearances at all altitudes and in all aspects. Glide cracks are alarm signals.

**Snowpack structure**

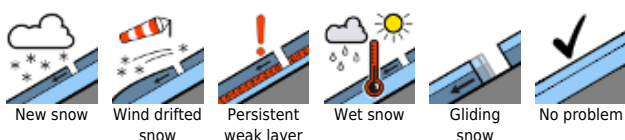
By Monday there will be marked warming coming from the west. The night before there will be snowfall with wind impact. During the course of the day the snowfall level will ascend to intermediate altitudes. Superficially the snow is becoming increasingly moist. The packed snowdrift masses of recent days are bonding more and more. In places, there are still trigger-prone layers in places above approximately 1600m adjacent to crusts and at the snowpack base at high altitudes. On grass covered slopes and forests the snowpack is frequently moist to wet at the ground.

**Outlook**

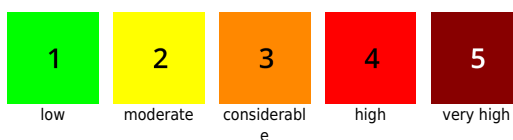
The danger of wet loose snow avalanches will increase due to mild temperatures.

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

**Avalanche problems**



**Danger ratings**



**Expositions**

