
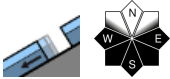





## Loose-snow activity due to solar radiation

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Dientner Grasberge, Pongauer Grasberge, Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock, Osterhorngruppe, Gamsfeldgruppe


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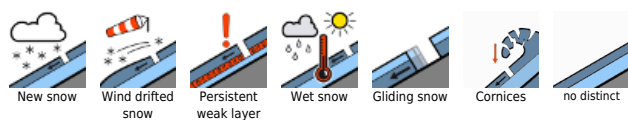
Loferer und Leoganger Steinberge, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Nord, Glocknergruppe Alpenhauptkamm, Goldberggruppe Nord, Goldberggruppe Alpenhauptkamm, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Süd, Ankogelgruppe, Muhr


- 

Nockberge



### Avalanche problems



### Danger ratings



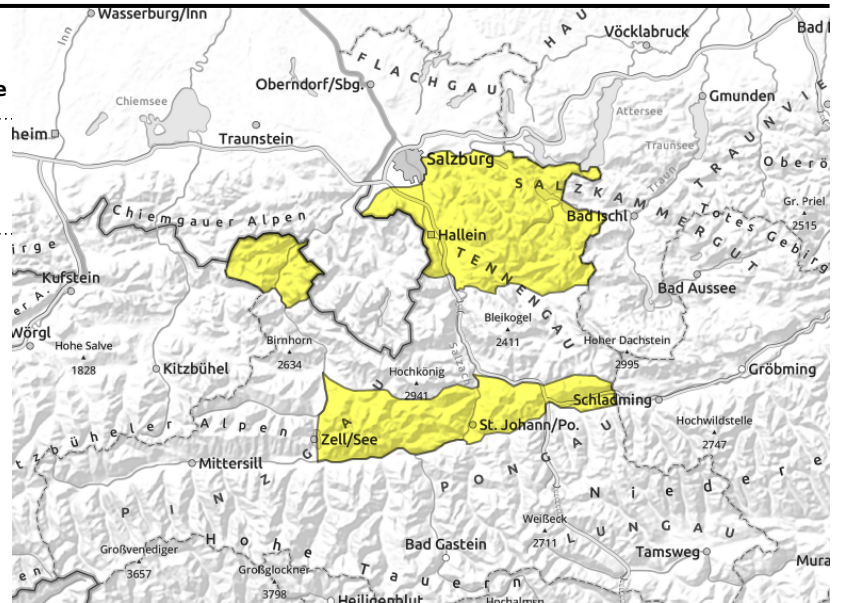
### Expositions



Dientner Grasberge, Pongauer Grasberge,  
Chiemgauer Alpen, Heutal, Reiteralpe,  
Untersbergstock, Osterhorngruppe, Gamsfeldgruppe



natural releases, on extremely  
steep grass-covered slopes



## Glide-snow avalanches on extremely steep grass-covered slopes

Avalanche danger is MODERATE.

Where snow is sufficient, small glide-snow avalanches can release naturally cases in extremely steep terrain ( $>40^\circ$ ), especially where the ground was previously bare of snow. Avoid zones below glide cracks.

Loose-snow avalanches can in isolated cases in extremely steep terrain ( $>40^\circ$ ) release naturally or by 1 person due to radiation, releases small.

Small drifts can be triggered by 1 person in high ridgeline terrain or release as a small slab. Danger zones occur on steep shady slopes. The dangers of falling outweigh those of snow masses.

### Snowpack structure

Loose snow on the surface can lose bonding through solar radiation, but radiation also helps the snowpack to settle. Blanketed fresh snow or graupel can be a near-surface weak layer. As a result of solar radiation, bonding is generally good. Atop snowy steep rocks and grassy slopes the snowpack is wet at ground level and can glide away.

### Weather

On Wednesday night, minor snowfall in the Northern Alps, later skies will clear from the northwest. On Thursday, scattered clouds, intermittent sunshine, some peaks can disappear in fog. Brisk westerly winds (up to 50 km/hr in Northern Alps) later slackening off. Occasional snow showers, not much snow will result. In afternoon, dry, clouds dispersing. At 2000 m: between -8 and -4 degrees.

### Outlook

Due to higher temperatures the snowpack will moisten, the wet-snow problem will increase.

#### Avalanche problems



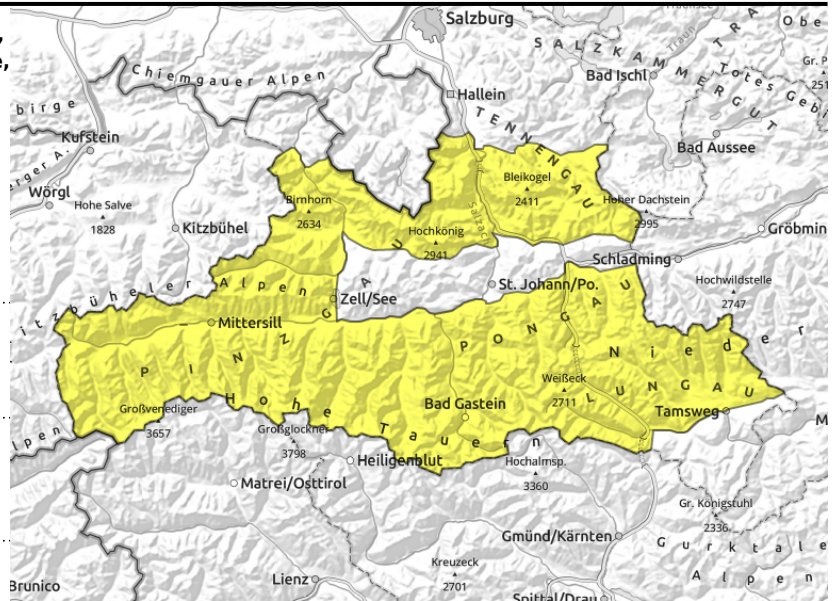
#### Danger ratings



#### Expositions



Loferer und Leoganger Steinberge, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Nord, Glocknergruppe Alpenhauptkamm, Goldberggruppe Nord, Goldberggruppe Alpenhauptkamm, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Süd, Ankogelgruppe, Muhr



natural releases



behind discontinuities, in gullies, steep bowls

## Loose-snow activity due to solar radiation

Avalanche danger is MODERATE.

Due to solar radiation and diffuse light, natural releases (loose dry and loose moist) are to be expected in extremely steep terrain ( $>40^\circ$ ). Small releases by 1 person are possible.

Fresh ridgeline snowdrifts can be triggered as a small slab even by 1 person. Danger zones occur on steep slopes (over  $35^\circ$ ) on north facing slopes.

Where snow is sufficient below 1800 m, small glide-snow avalanches can release naturally, esp. where recent snowfall fell on bare ground. Avoid zones below glide cracks.

## Snowpack structure

Loose snow on the surface can lose bonding through solar radiation, but radiation also helps the snowpack to settle. Blanketed fresh snow or graupel can be a near-surface weak layer. As a result of solar radiation, bonding is generally good. Atop snowy steep rocks and grassy slopes the snowpack is wet at ground level and can glide away.

## Weather

On Wednesday night, minor snowfall in the Northern Alps, later skies will clear from the northwest. On Thursday, scattered clouds, intermittent sunshine, some peaks can disappear in fog. Brisk westerly winds (up to 50 km/hr in Northern Alps) later slackening off. Occasional snow showers, not much snow will result. In afternoon, dry, clouds dispersing. At 2000 m: between -8 and -4 degrees; at 3000 m: -14 degrees.

## Outlook

Due to higher temperatures the snowpack will moisten, the wet-snow problem will increase.

### Avalanche problems



New snow



Wind drifted snow



Persistent weak layer



Wet snow



Gliding snow



Cornices



no distinct

### Danger ratings



1

low



2

moderate



3

considerable



4

high



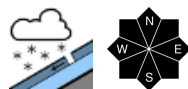
5

very high

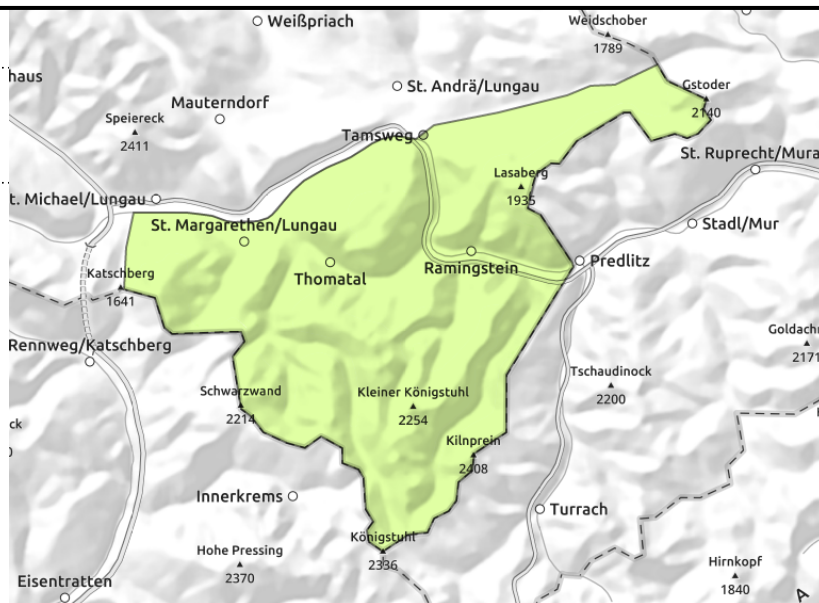
### Expositions



**Nockberge**



natural releases



**Favorable conditions**

Avalanche danger is low.

Due to solar radiation and diffuse light, natural releases (loose dry and loose moist) are to be expected in extremely steep terrain (>40°). Small releases by 1 person are possible.

Fresh snowdrift accumulations in high altitude ridgeline terrain are small, can trigger a small slab.

Danger of falling outweighs that of snow masses.

**Snowpack structure**

Loose snow on the surface can lose bonding through solar radiation, but radiation also helps the snowpack to settle. Blanketed fresh snow or graupel can be a near-surface weak layer. As a result of solar radiation, bonding is generally good. Atop snowy steep rocks and grassy slopes the snowpack is wet at ground level and can glide away. Bonding is generally good, the base is compact.

**Weather**

On Wednesday night, minor snowfall in the Northern Alps, later skies will clear from the northwest. On Thursday, scattered clouds, intermittent sunshine, some peaks can disappear in fog. Winds light to moderate, shifting from northwesterly to southwesterly. At 2000 m: between -8 and -4 degrees.

**Outlook**

Due to higher temperatures the snowpack will moisten, the wet-snow problem will increase.

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

**Avalanche problems**



**Danger ratings**



**Expositions**

