

## Persistent weak layer + north-wind induced fresh snowdrifts

	Nockberge		
	Pongauer Grasberge, Dientner Grasberge, Osterhorngruppe, Gamsfeldgruppe		
	2000 m Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Niedere Tauern Alpenhauptkamm, Niedere Tauern Nord, Goldberggruppe Nord, Glocknergruppe Nord, Großvenedigergruppe Nord, Oberpinzgauer Grasberge, Kitzbüheler Alpen, Glemmtal, Loferer und Leoganger Steinberge, Chiemgauer Alpen, Heutal, Reiteralpe, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Untersbergstock		
	forestline Ankogelgruppe, Muhr, Niedere Tauern Süd		

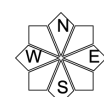
### Avalanche problems



### Danger ratings



### Expositions

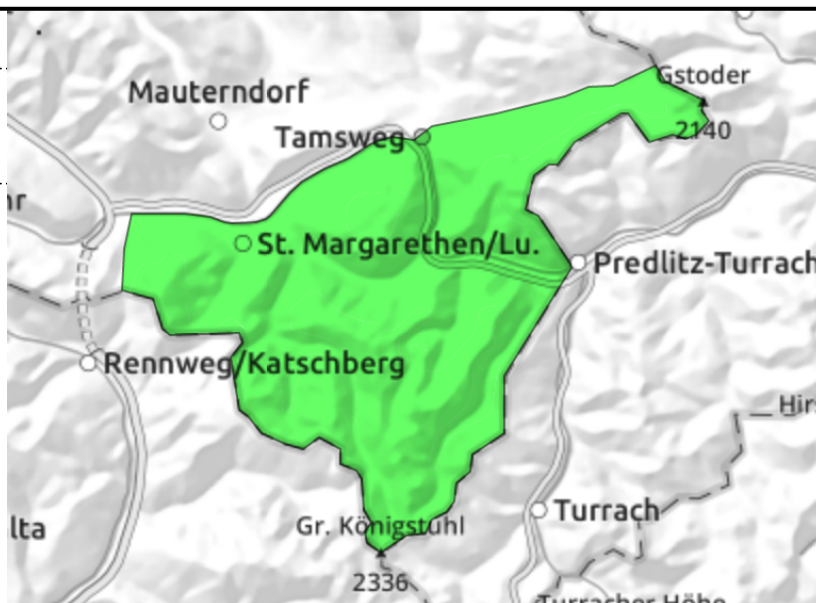


**28.02.2022**

**Nockberge**



very few danger zones, small persistent weak layer problem



**Only few avalanche prone locations. Persistent weak layer locally.**

Avalanche danger continues to be LOW. The snowpack is relatively stable. Only in very few spot can a slab be triggered by large additional loading, most likely where snow is shallow in transitions from shallow to deep snow in extremely steep north-facing terrain. Avalanches can grow to medium size.

**Snowpack structure**

The snowpack has settled well, shows immense signs of stormy winter winds. The most recent snowdrift accumulations are well consolidated. Surfaces are melt-freeze encrusted or hard. Above the treeline the terrain is windblown. Snow fills the bowls. Inside the old snow are weak layers of faceted crystals which are not currently a threat except in isolated cases.

**Weather**

On Monday, intermittently sunny weather, clouds will pass through, becoming heavier only in afternoon. The icy northerly wind will be irritating (50-70 km/hr). At 2000 m: -10 degrees.  
 On Tuesday, unimpeded sunshine, outstanding visibility. No wind disturbance, temperatures milder. At 2000 m: -5 degrees.

**Outlook**

No significant change expected. Steep sunny slopes will moisten on Tuesday.

**Avalanche problems**



**Danger ratings**



**Expositions**



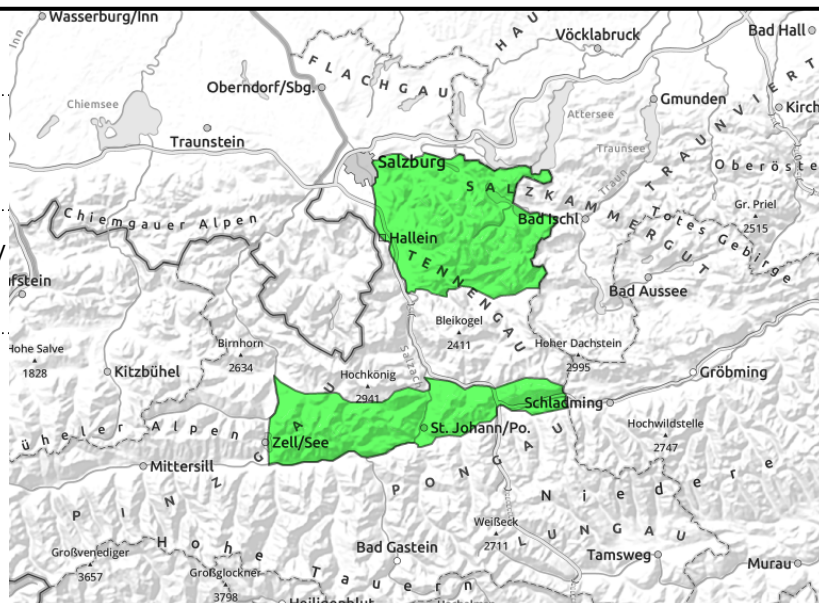
**Pongauer Grasberge, Dientner Grasberge, Osterhorngruppe, Gamsfeldgruppe**



very few danger zones in shady steep terrain and gullies



possibly thin fresh snowdrift patches near ridges



**Few avalanche prone locations in transitions to wind-loaded zones**

Avalanche danger is LOW in general. The snowpack is relatively stable. Only in very few spot can a slab be triggered by large additional loading, most likely where snow is shallow in transitions from shallow to deep snow in extremely steep north-facing terrain. Avalanches can grow to medium size. The thin snowdrift patches are mainly a risk for forcing a fall.

**Snowpack structure**

There was 10-20 cm of cold powder deposited atop a compact old snowpack surface, transported by N/NW winds, generating mostly small-sized drifts. Inside the old snowpack are soft layers of faceted crystals, which are currently not a threat except in isolated cases.

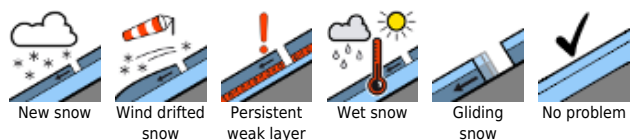
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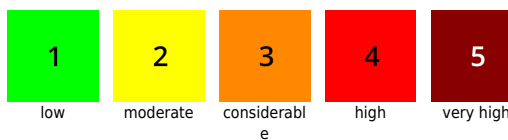
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**Avalanche problems**



**Danger ratings**

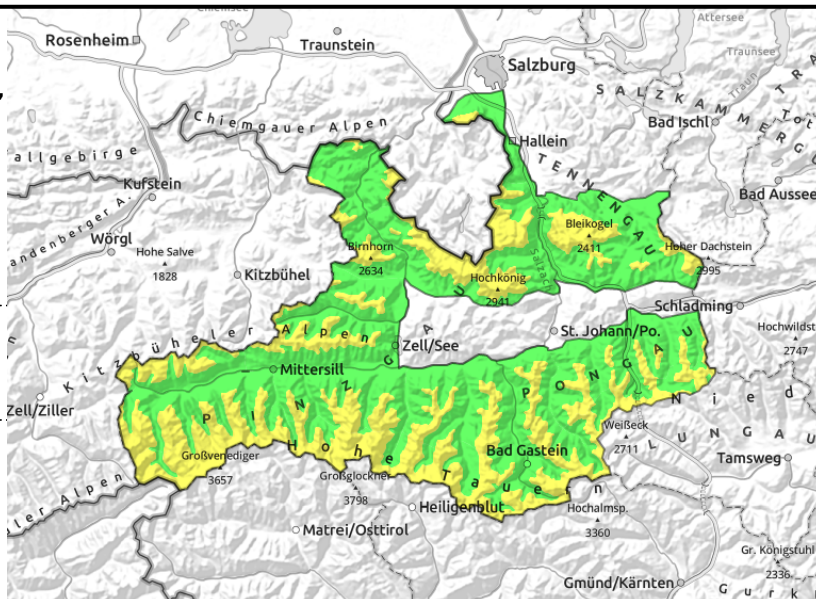


**Expositions**



**28.02.2022**

Großvenedigergruppe Alpenhauptkamm,  
 Glocknergruppe Alpenhauptkamm, Goldberggruppe  
 Alpenhauptkamm, Niedere Tauern Alpenhauptkamm,  
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 Chiemgauer Alpen, Heutal, Reiteralpe, Steinernes  
 Meer, Hochkönig, Hagengebirge, Göllstock,  
 Tennengebirge, Gosaukamm, Untersbergstock



snowdrift masses near to and distant from ridges, on W/N/E forest rims esp. on Main Tauern Ridge, thin fresh drifts on N/E/SW ridges



transitions from shallow to deep snow, very steep and mostly shady

## Danger zones where snow is shallow in transitions and gullies

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Avalanche danger above 2000 m is MODERATE (2), elsewhere danger is LOW. Caution is urged in shady and high-alpine steep zones where the snow is shallow and in steep transitions and gullies, where large additional loading can trigger a slab and avalanches can grow to medium-to-large size. Most danger zones occur on W/N/E facing slopes in terrain distant from ridges and in steep gullies. In sun-drenched rocky steep terrain, naturally triggered small-to-medium loose-snow avalanches are possible.

### Snowpack structure

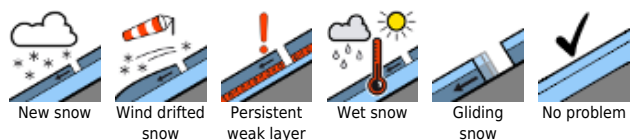
There was 15-25 cm of fresh snow registered widespread, loose powder atop a compact old snowpack. Near ridges the surface is wind-impacted and these effects increase with ascending altitude. At high and high-alpine altitudes there are thin snowdrifts generated by N/NW winds atop a loose base which are prone to triggering. Particularly on the Main Tauern Ridge there are snowdrifts - now blanketed - generated by Thursday's foehn wind. Inside the old snowpack are soft layers of faceted crystals. This layer is currently triggerable in isolated cases, as an avalanche in Hohe Tauern on Sunday demonstrated.

### Weather

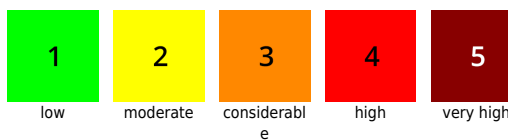
On Monday, intermittently sunny weather, clouds will pass through, becoming heavier only in afternoon. The icy northerly wind will be irritating (50-70 km/hr). At 2000 m: -10 degrees, at 3000 m: from -11 cooling to -15 degrees.

On Tuesday, unimpeded sunshine, outstanding visibility. No wind disturbance, temperatures milder. At 2000 m: -5 degrees, at 3000 m: -10 degrees.

#### Avalanche problems



#### Danger ratings



#### Expositions

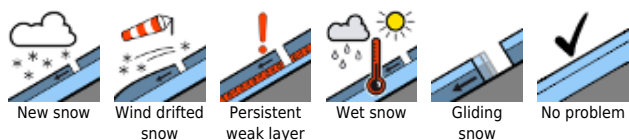


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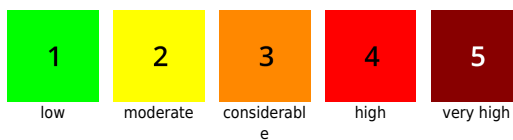
**Outlook**

No significant change expected. Steep sunny slopes will moisten on Tuesday.

**Avalanche problems**



**Danger ratings**



**Expositions**



**28.02.2022**

**Ankogelgruppe, Muhr, Niedere Tauern Süd**



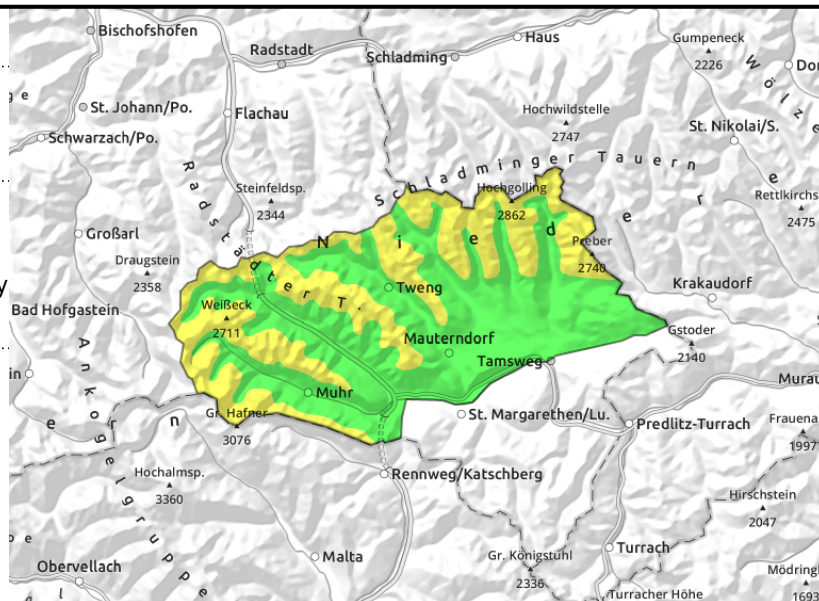
forestline



transitions from shallow to deep snow, shallow-snow zones, very steep and generally shady



older snowdrift patches distant from ridges, triggerable by large additional loading, few spots



**Fresh snowdrift accumulations, shallow-snow zones, transitions: caution urged**

Avalanche danger above 2000 m is MODERATE (2), below that altitude danger is LOW (1). Caution urged: the fresh snowdrifts are thin but easily triggered, creating a major risk of taking a fall. In unfavorable circumstances a release can trigger down to drifts distant from ridges and the avalanche grow to medium size. Caution also urged in shallow-snow zones on shady slopes and in high alpine steep terrain, where large additional loading can trigger a medium-sized slab avalanche.

**Snowpack structure**

Hardened surfaces dominate. There is only a small amount of fresh snow, transported by strong N/NW winds, generating thin, instable snowdrift patches which now cover the somewhat firmer snowdrifts from the early part of the week.

The old snowpack has settled well, is topped by a firm melt-freeze crust. Inside the old snowpack are soft layers of faceted crystals, which in unfavorable circumstances could provide a fracture point for slab avalanches.

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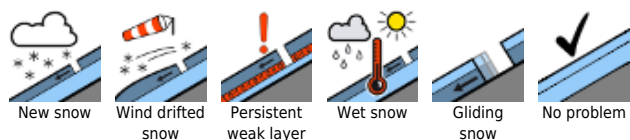
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**Outlook**

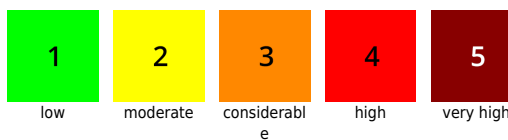
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Translated by Jeffrey McCabe, [www.creativtrans.com](http://www.creativtrans.com)

**Avalanche problems**



**Danger ratings**



**Expositions**

