

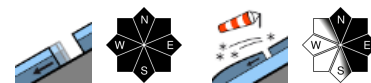
Avoid drifts. Very active gliding snow.



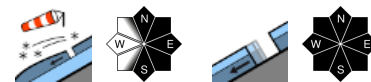
Loferer und Leoganger Steinberge, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Nord, Glocknergruppe Alpenhauptkamm, Goldberggruppe Nord, Goldberggruppe Alpenhauptkamm, Ankogelgruppe, Muhr, Oberpinzgauer Grasberge, Tennengebirge,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



Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock, Osterhorngruppe, Gamsfeldgruppe, Pongauer Grasberge, Niedere Tauern Nord, Dientner Grasberge, Kitzbüheler Alpen, Glemmtal



Nockberge



Avalanche problems



Danger ratings

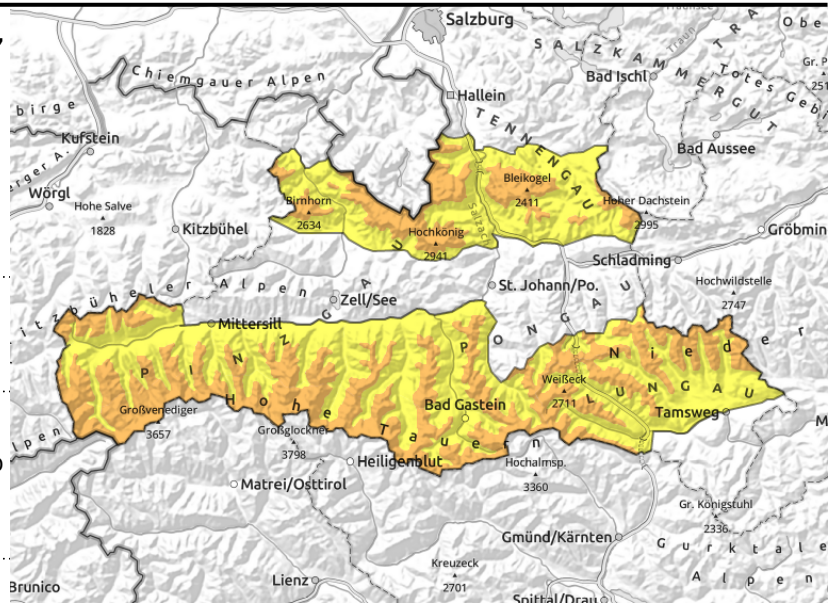


Expositions



valid for: **Sunday, 17.12.2023**

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



near to/far from ridges, in gullies and bowls, proneness to triggering increases with ascending altitude

possible anytime

Easily triggered snowdrifts at high/high-alpine altitudes

Avalanche danger above 2200 m is considerable, below that altitude danger is moderate. Main problem: snowdrifts. Above 2200 m fresh snowdrift accumulations from Thursday and Friday, esp. on N/E/S facing slopes are prone to triggering. Avalanches can be triggered by 1 person in many places and reach medium size. Danger zones increase with ascending altitude. Above 2500 m, weak layers in the old snowpack can be triggered. Danger zones esp. on shady very steep slopes. Transitions from shallow to deeper snow are unfavourable. Releases usually require large additional loading but can fracture down to deeper layers and then grow to large size. Below 2200 m the gliding snow activity persists. Danger zones occur in all aspects. Glide-snow avalanches can release on steep grassy slopes and smooth rocky ground at any time of day and reach medium size. Avoid zones below glide cracks.

Snowpack structure

On Saturday the snowpack was able to settle somewhat and consolidate. Melt-freeze crusts dominate on the surface, or wind crusts in exposed terrain. Crests are completely windblown. Powder snow on shady wind-protected slopes (sink-in depths 10-50 cm). Snowdrifts from Thursday and Friday (in high alpine regions also on Saturday) were deposited on loose snow, the weak layer is mostly inside the fresh snow at the border to the old snowpack.

In high alpine region above 2500 m the snowpack base still consists of crusts with soft embedded layers. Elsewhere the old snow base is very compact, even the crusts near ground level are well bonded.

Since the snowpack is thoroughly wet at low/intermediate altitudes (the first snow was deposited on very warm ground) the entire snowpack can glide over smooth ground (grass, rocks) if the gradient is steep enough.

Weather

On Sunday, sunshine all day except for some harmless clouds. Good visibility. Light winds from varying directions (NW on Main Alpine Ridge at 30 km/hr). Very mild: 4-7 degrees at 2000 m, 0 degrees at 3000 m.

Avalanche problems



Danger ratings



Expositions



valid for: **Sunday, 17.12.2023**

Outlook

The warmth will help the snowpack to settle further, the snowdrift problem will diminish. The glide-snow avalanches will persist.

Avalanche problems



Danger ratings

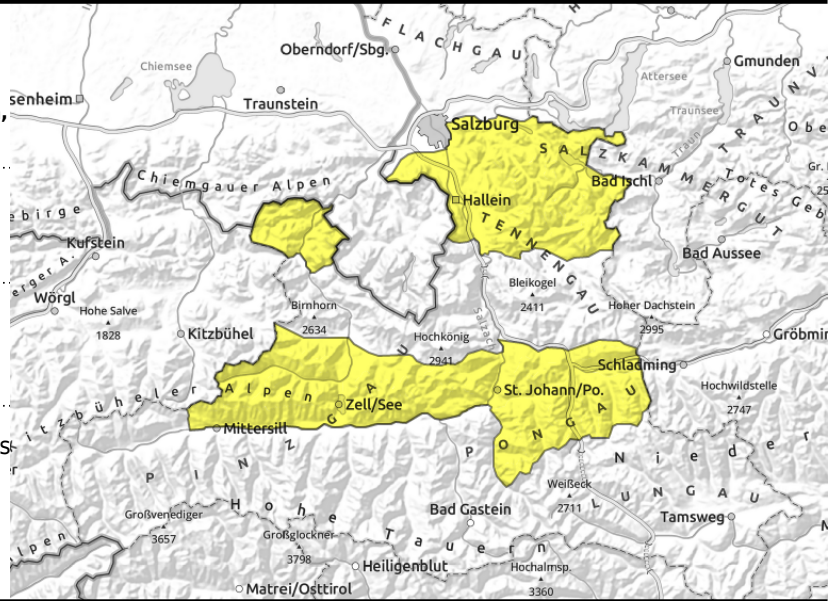


Expositions



valid for: **Sunday, 17.12.2023**

Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock, Osterhorngruppe, Gamsfeldgruppe, Pongauer Grasberge, Niedere Tauern Nord, Dientner Grasberge, Kitzbüheler Alpen, Glemmtal



possible anytime



near ridgelines, in gullies, bowls

Some snowdrifts, lots of gliding snow

Avalanche danger is moderate.

The fresh snow and drifts from Thursday and Friday bonded on Saturday. The surface is dominated by crusts (melt-freeze or wind). Loose powder can be found on shady wind-protected slopes at intermediate altitudes. The snowpack base is well bonded.

Since the snowpack is thoroughly wet at low/intermediate altitudes (the first snow was deposited on very warm ground) the entire snowpack can glide over smooth ground (grass, rocks) if the gradient is steep enough.

Snowpack structure

On Saturday the snowpack was able to settle somewhat and consolidate. Melt-freeze crusts dominate on the surface, or wind crusts in exposed terrain. Crests are completely windblown. Powder snow on shady wind-protected slopes (sink-in depths 10-50 cm). Snowdrifts from Thursday and Friday (in high alpine regions also on Saturday) were deposited on loose snow, the weak layer is mostly inside the fresh snow at the border to the old snowpack.

Since the snowpack is thoroughly wet at low/intermediate altitudes (the first snow was deposited on very warm ground) the entire snowpack can glide over smooth ground (grass, rocks) if the gradient is steep enough.

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Avalanche problems

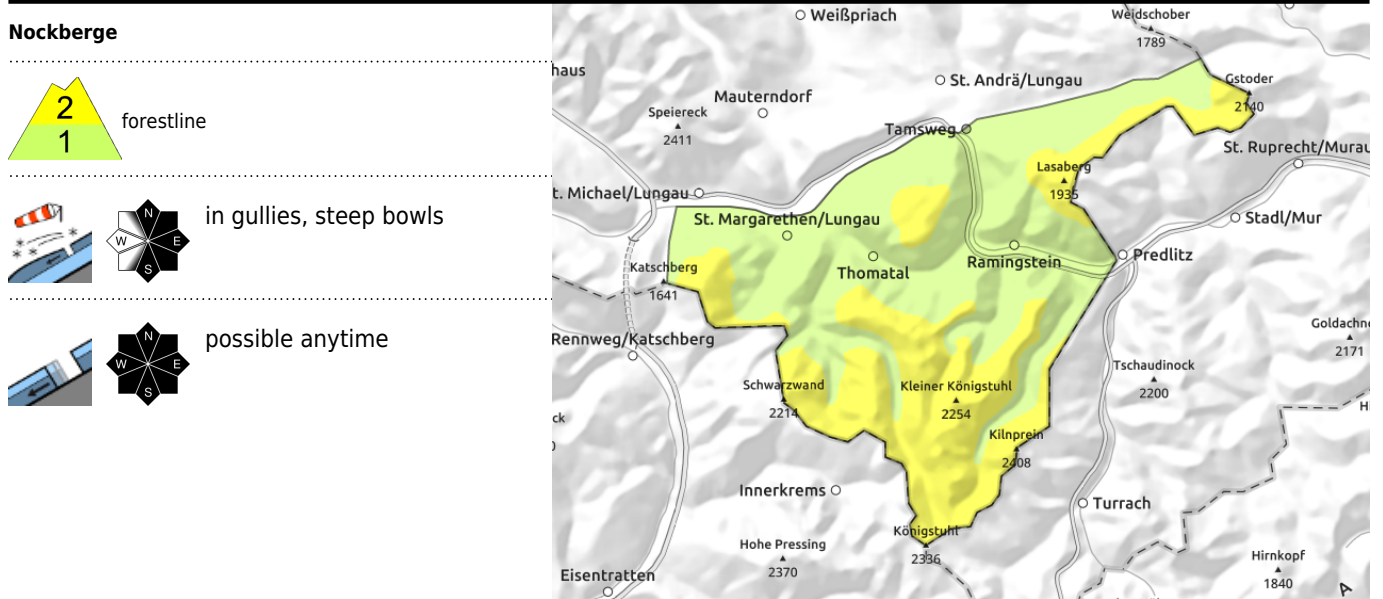


Danger ratings



Expositions





Glide-snow avalanches are still a threat

Avalanche danger above the treeline is moderate, below that altitude danger is low.

Main problem: snowdrifts. Above 2000 m the fresh snowdrifts esp. on N/S facing slopes are prone to triggering. Avalanches in many places can be triggered by 1 person and are usually small-sized. Below 2200 m the gliding snow activity will persist. Danger zones occur in all aspects. Glide-snow avalanches can release on steep grassy slopes and smooth rocky ground at any time of day and reach medium size. Avoid zones below glide cracks.

Snowpack structure

Through the winds, the fresh snow can still be transported. Above the treeline, a melt-freeze crust will form. Soft layers below it will become weak layers.

Since the snowpack is thoroughly wet at low/intermediate altitudes (the first snow was deposited on very warm ground) the entire snowpack can glide over smooth ground (grass, rocks) if the gradient is steep enough.

Weather

On Sunday, sunshine all day except for some harmless clouds. Good visibility. Light winds from varying directions (NW on Main Alpine Ridge at 30 km/hr). Very mild: 4-7 degrees at 2000 m.

Outlook

The warmth will help the snowpack to settle further, the snowdrift problem will diminish. The glide-snow avalanches will persist.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



Danger ratings



Expositions

