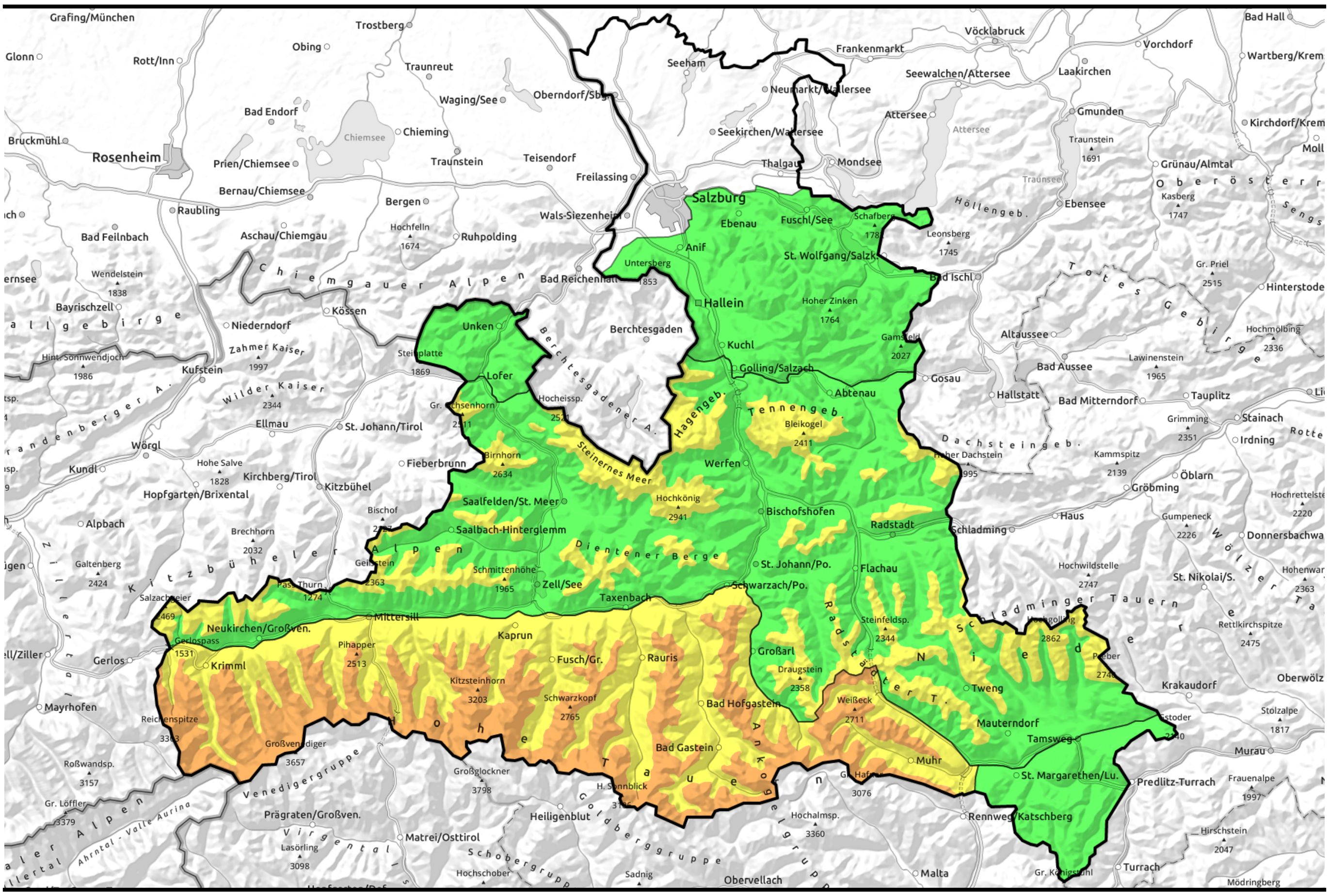
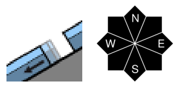
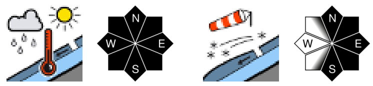
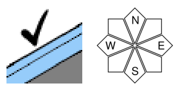
Avalanche report from 30.12.2021, 18:00 h *by Riedl Claudia*

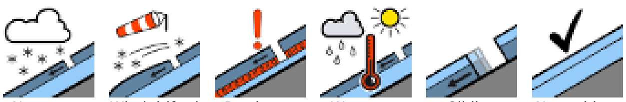
31.12.2021



Conditions like in spring. Above 2400 m: snowdrift problem.

Danger	Regions	Avalanche problems
1	Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock, Osterhorngruppe, Gamsfeldgruppe	
2 / 1, 1500 m	Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Dientner Grasberge, Pongauer Grasberge, Tennengebirge, Gosaukamm, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Süd, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Loferer und Leoganger Steinberge	
1	Nockberge	
3 / 2, 2400 m	Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Nord, Glocknergruppe Alpenhauptkamm, Goldberggruppe Nord, Goldberggruppe Alpenhauptkamm, Ankogelgruppe, Muhr	

Avalanche problems

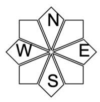


New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions



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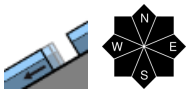
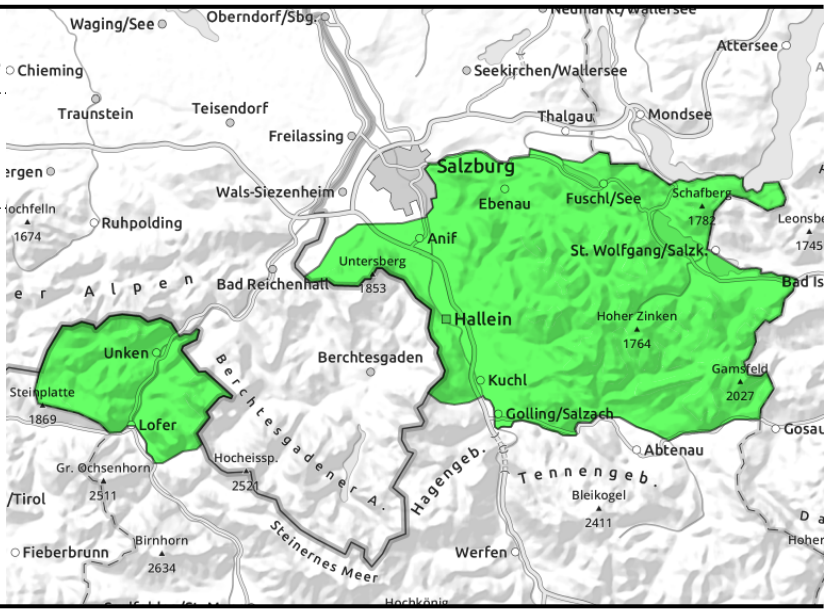
Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock, Osterhorngruppe, Gamsfeldgruppe

1



very isolated



Isolated glide-snow avalanches

Avalanche danger is LOW. Isolated small glide-snow avalanches are possible on steep grass-covered slopes which have not yet discharged.

Snowpack structure

Poor quality, throughly wet snowpack, partly with melt-freeze crust which softens during the day

Weather

On Friday, sunny and very mild. At 2000 m: 4 to 8 degrees. Not much wind.
On Saturday, good visibility will continue, with sunshine. At 2000 m: +3 degrees. Westerly winds can disturb at summit level.

Outlook

Little change.

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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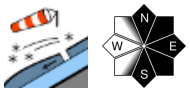
31.12.2021

LAND SALZBURG

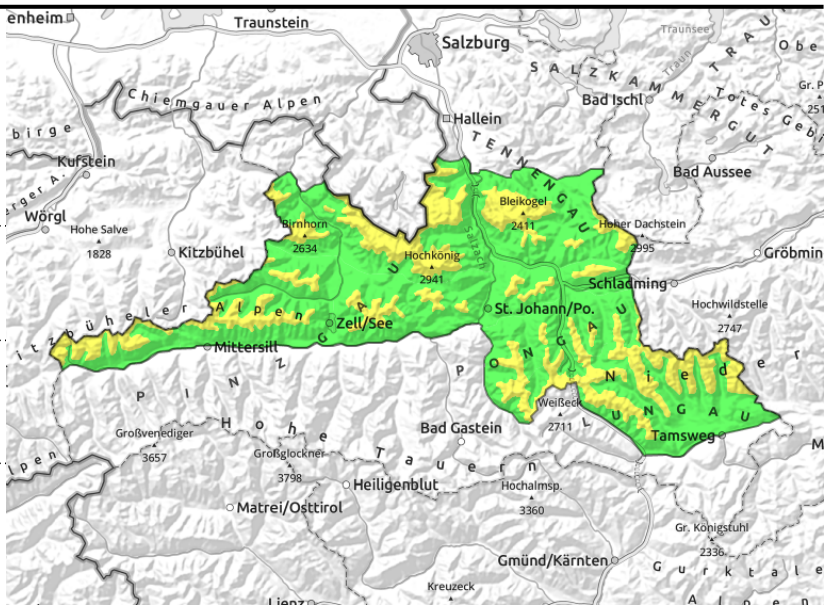
Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Dientner Grasberge, Pongauer Grasberge, Tennengebirge, Gosaukamm, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Süd, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Loferer und Leoganger Steinberge

1500 m

ongoing warmth and sunshine



in gullies and steep bowls, triggerable in transitions from shallow to deep snow, above 2400m



Isolated wet-snow avalanches, snowdrift problem above 2400m

Avalanche danger above 1500 m is MODERATE, below that altitude danger is LOW. As a result of solar radiation and higher temperatures, isolated superficial wet-snow avalanches (small-to-medium sized) are possible in extremely steep terrain which can be triggered by winter sports enthusiasts. Small-to-medium glide-snow avalanches can release on steep grass-covered slopes which have not yet discharged. As of 2400 m, the fresh snowdrifts require attentiveness. They are located mainly in gullies and bowls in all aspects and in particular in extended east-facing aspects, both near to and distant from ridgelines. The drifts can be triggered by large additional loading, a slab release can become quite dangerous for winter sports enthusiasts.

Snowpack structure

The snowpack is moist-to-wet up to about 2300 m, usually has a melt-freeze crust in early morning. During the day the surface softens. As of 2300 m the snow is dry (mostly snowdrifts or hardened surfaces). The old snow is compact.

Weather

On Friday, good visibility, sunny and mild. At high altitudes, disturbing westerly winds. At 2000 m: 4 to 8 degrees; at 3000 m: 2 degrees.
On Saturday, still good visibility, sunshine. The NW winds will often be brisk. At 2000 m: 3 degrees; at 3000 m: 0 degrees.

Outlook

The snowpack will continue to settle, avalanche danger will decrease.

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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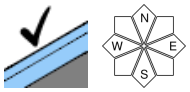
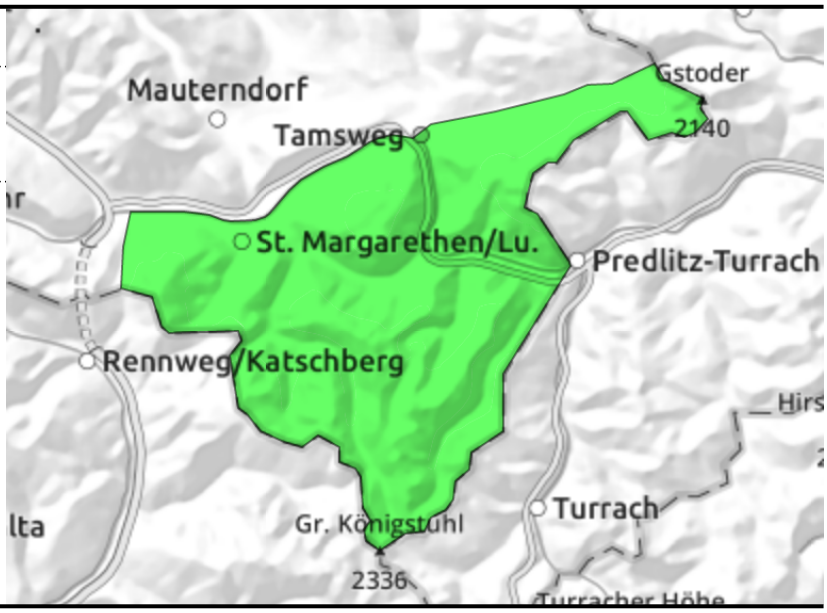
LAND SALZBURG

Nockberge



very few danger zones



Hardly any avalanche prone locations

Avalanche danger is LOW. There are hardly any danger zones. Isolated small-sized glide-snow avalanches or superficial wet slides are possible.

Snowpack structure

Compact snowpack with melt-freeze crust that can turn to firn snow during the day.

Weather

On Friday, sunny and mild. At midday at 2000 m: +8 degrees.
On Saturday, ongoingly sunny.

Outlook

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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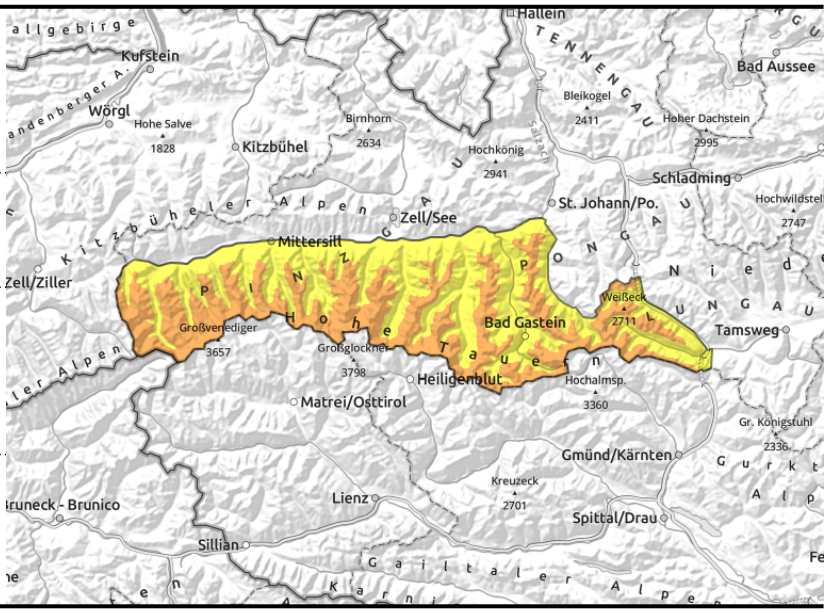
LAND SALZBURG

Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Nord, Glocknergruppe Alpenhauptkamm, Goldberggruppe Nord, Goldberggruppe Alpenhauptkamm, Ankogelgruppe, Muhr

2400 m

in gullies and steep bowls, triggerable in transitions from shallow to deep snow, as of 2400m

almost like in springtime



Snowdrift problem above 2400 m. Below that: wet-snow problem.

Avalanche danger above 2400 m is CONSIDERABLE, below that altitude danger is MODERATE. At high altitudes the freshly generated snowdrifts are the main problem. Gullies and bowls are filled with drifts. Also in extended eastern aspects, snowdrifts dominate both near to and distant from ridgelines. A slab can often be triggered by minimum additional loading, most likely in transitions from shallow to deep snow, and then grow to dangerously large size. The likelihood of triggering increases with ascending altitude. At intermediate altitudes, isolated small-to-medium superficial wet-snow avalanches can release due to solar radiation and higher temperatures (or be triggered by winter sports enthusiasts in extremely steep terrain). Isolated glide-snow avalanches are possible.

Snowpack structure

Up to 2300 m the snow is moist-to-wet, has a melt-freeze crust in early morninig. Further up the snow is dry, usually in the form of drifts. The snow is distributed very irregularly, in some places the rocks poke through the surface. West-facing slopes and crests are often utterly windblown. Gullies, bowls and east-facing terrain are wind-loaced. Avalanches can unleash at the borderline between new snow (from Wed/Thurs) and the old snowpack (insofar as they are not glide-snow avalanches). The old snowpack is quite compact.

Weather

On Friday, good visibility, lots of sunshine. At high altitudes an irritating and strong NW wind. At 2000 m: 4 to 8 degrees, at 3000 m: 2 degrees.
Also on Saturday, good visibility, lots of sunshine. The NW winds will often be strong. At 2000 m: 3 degrees; at 3000 m: 0 degrees.

Outlook

The snowpack is settling, avalanche danger is decreasing.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions