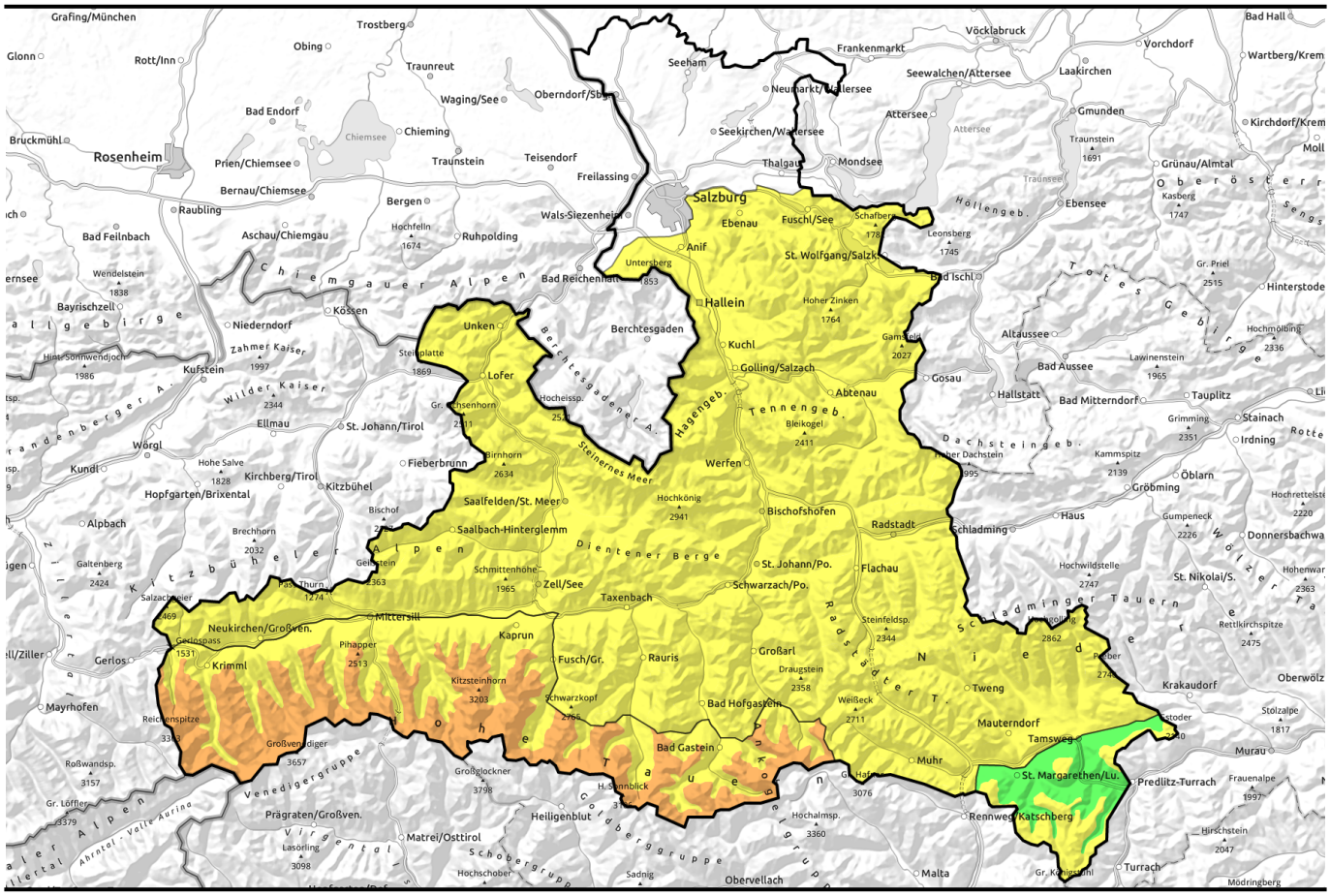
Avalanche report from 09.02.2022, 18:00 h *by Butschek Michael*

10.02.2022

LAND SALZBURG



Warmth is moistening and settling the snowpack

2	Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Chiemgauer Alpen, Heutal, Reiteralpe, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Pongauer Grasberge, Niedere Tauern Nord, Dientner Grasberge, Niedere Tauern Süd, Loferer und Leoganger Steinberge, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Niedere Tauern Alpenhauptkamm, Goldberggruppe Nord, Ankogelgruppe, Muhr	
2 1 1600 m	Nockberge	
3 2 2500 m	Glocknergruppe Nord, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm	

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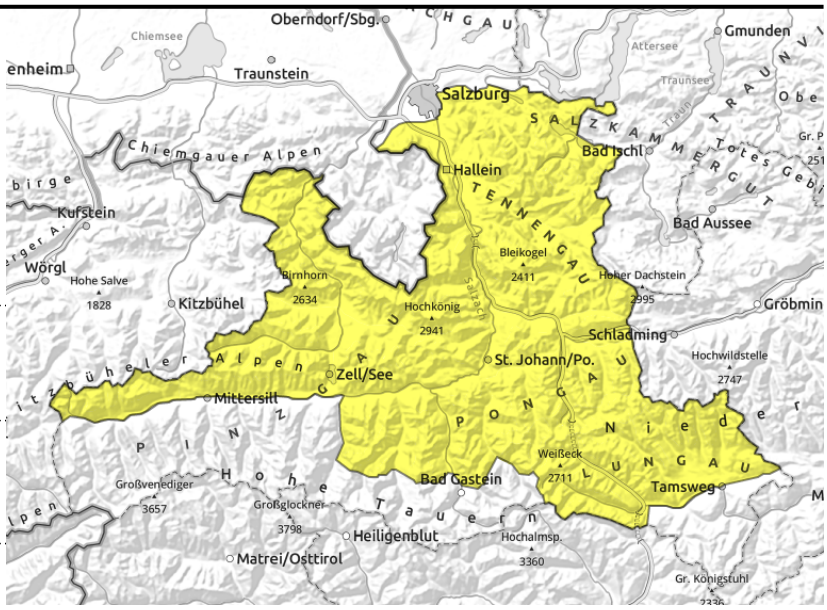
Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Chiemgauer Alpen, Heutal, Reiteralpe, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Pongauer Grasberge, Niedere Tauern Nord, Dientner Grasberge, Niedere Tauern Süd, Loferer und Leoganger Steinberge, Kitzbüheler Alpen,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



2


triggerable in transitions from shallow to deep snow


stark warming impulse, wet loose-snow avalanches, glide-snow avalanches, below 2500 m

Persistent weak layer in unfavorable spots are still triggerable

Avalanche danger is MODERATE. Slabs can be triggered in some spots, particularly by large additional loading, and release medium-to-large sized avalanches. Danger zones exist especially near ridges, but also behind protruberances distant from ridges, and in gullies. Especially in transitions into wind-loaded zones, fracture points for slab avalanches can be touched. Below 2500 m due to warmth, superficial loose-snow avalanches (small-to-medium) are possible. In very steep grass-covered terrain, glide-snow avalanches are possible.

Snowpack structure

Strong warmth (zero-degree level on Wednesday at about 3000 m) has helped the snowpack to settle at all altitudes, at low and intermediate altitudes there is pronounced moistening at least superficially. Caution: imposingly large cornices are often instable. Proneness to triggering of snowdrifts has receded. But above intermediate altitudes there is still a persistent weak layer (faceted crystals near a melt-freeze crust as potential fracture point for slab avalanches) which can be triggered in unfavorable spots in the landscape. On steep grass-covered slopes below about 2500 m, the snowpack is gliding over the ground.

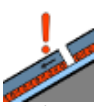
Weather

On Thursday, very sunny, perfect visibility. After noon, harmless clouds will pass through, but hardly impede the beautiful weather. In the Northern Alps moderate westerly winds in the afternoon. At 2000 m: temperatures slowly dropping from +4 to 0 degrees; at 3000 m: from 0 to -6 degrees.
On Friday, the weather will change as a cold front arrives. Visibility often impaired. Strong winds will bring repeated bouts of snow showers (5-15 cm of fresh snow, esp.in Northern Alps). Snowfall level will rapidly descend to low lying areas. The W/NW winds will be blowing at 50-70 km/hr. At 2000m: dropping from -3 to -10 degrees; at 3000 m: from -9 to -15 degrees.

Avalanche problems

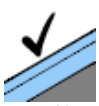

New snow


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

Outlook

On Friday, fresh danger zones will develop during the course of the day above the treeline. Glide-snow problem persists, despite dropping temperatures. Wet snow is no longer a problem.

Avalanche problems

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

Danger ratings

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low	moderate	considerable	high	very high

Expositions

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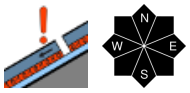
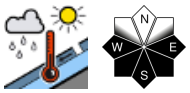
LAND SALZBURG

Nockberge

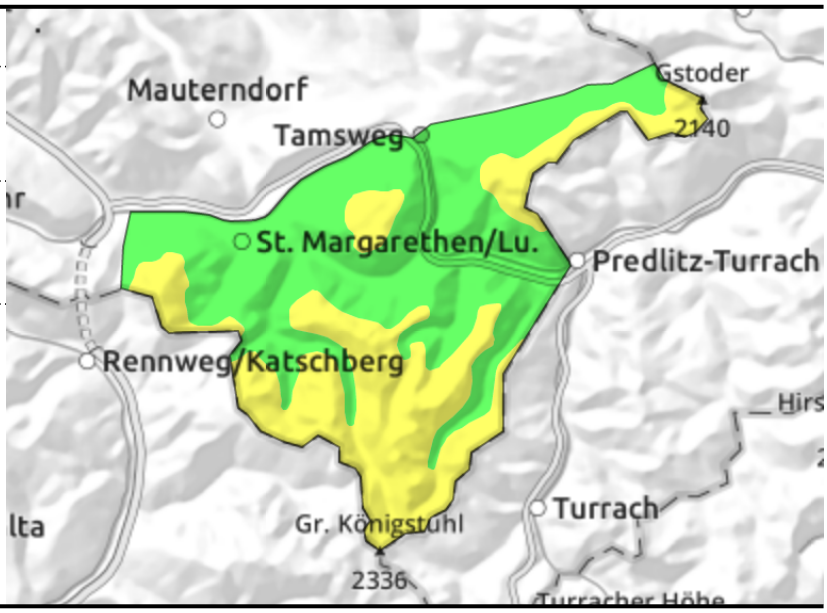
1600 m



triggerable at rims of gullies and bowls



daytime cycle of naturally triggered avalanche activity at intermediate altitudes



Persistent weak layer at high altitudes, daytime loss of firmness at low altitudes - heed!

Avalanche danger above 1600 m is MODERATE, below that altitude danger is LOW. At high altitudes there are some avalanche prone locations in all aspects in steep east-facing and south-facing terrain (NE/E/S/SW), they are not too deep but still prone to triggering and can release a small-to-medium avalanche with large additional loading. Treacherous are the transitions from shallow to deep snow. Up to intermediate altitudes, especially on sun-drenched steep slopes, isolated medium-sized wet loose-snow avalanches are possible.

Snowpack structure

The fresh snow from the beginning of the week (10-20 cm, amid heavy wind impact) has settled well due to higher temperatures, the trigger-sensitivity of the snowdrifts has receded. Exposed terrain is often windblown, gullies and bowls are filled to the brim with drifts down to sparsely wooded zones. In sun-drenched terrain, much moistening of the snowapack, which causes it to lose its firmness.

Weather

On Thursday, very sunny, perfect visibility. After noon, harmless clouds will pass through, but hardly impede the beautiful weather. In the Northern Alps moderate westerly winds in the afternoon. At 2000 m: temperatures slowly dropping from +4 to +1 degree.
On Friday, briefly sunny, but diffuse light conditions will soon prevail. In the afternoon, light snowfall will set in, accompanied by strong-to-stormy NW winds (40-60 km/hr), but no major amounts are expected. At 2000 m: droping from -1 to -8 degrees.

Outlook

No major change on Friday. Only in the afternoon will the frequency of danger zones increase due to fresh drifts.

Avalanche problems

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

Danger ratings

low | moderate | considerable | high | very high

Expositions

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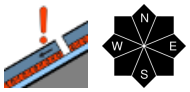
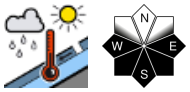
Glocknergruppe Nord, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm

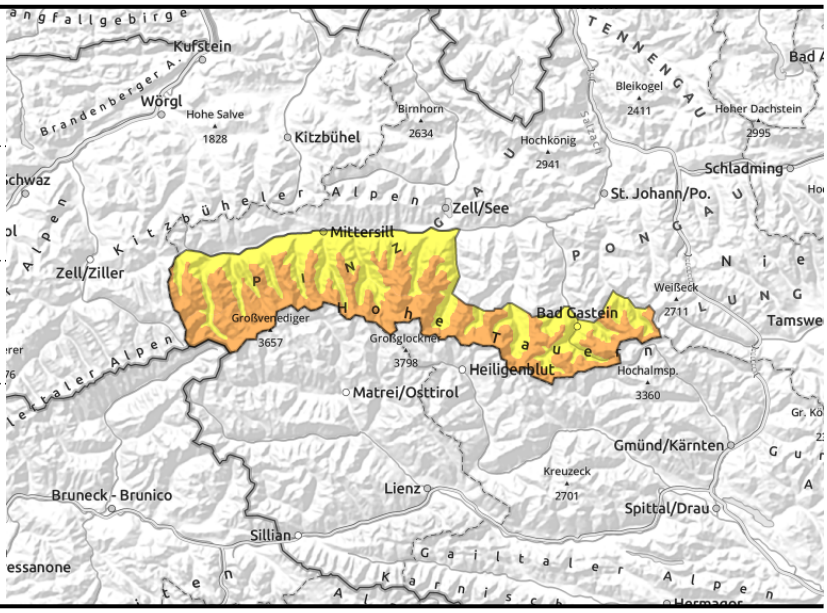
2500 m



triggerable in transitions from shallow to deep snow



strong warmth impulse, wet loose-snow avalanches, glide-snow avalanches, below 2500 m



Persistent weak layer in unfavorable spots in the terrain are triggerable

Avalanche danger above 2500 m is CONSIDERABLE, below that altitude danger is MODERATE. Slabs can be triggered even by minimum additional loading in some spots and grow to medium-to-large size. Danger zones occur particularly near ridges, but also behind protruberances distant from ridges, and in gullies. Especially in transitions into wind-loaded zones, fracture points can be touched. Below 2500 m due to warmth, small-to-medium superficial loose-snow avalanches are possible. In very steep grassy terrain, glide-snow avalanches are possible.

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On Friday, fresh danger zones will develop during the course of the day above the treeline. Glide-snow problem persists, despite dropping temperatures. Wet snow is no longer a problem.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

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Expositions