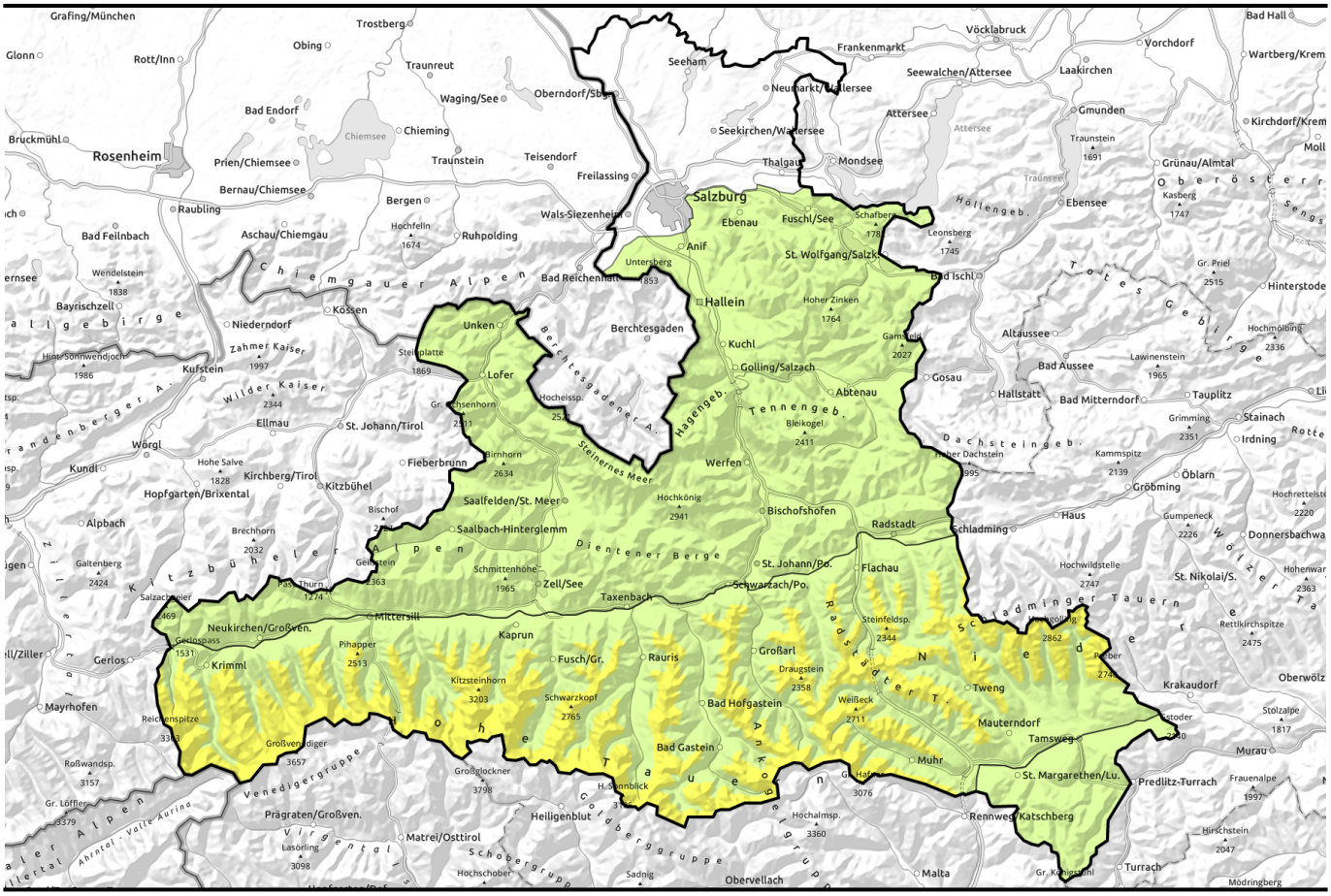
published at 15.02.2023, 18:00 h *by Matthias Walcher*

Avalanche report for Thursday, 16.02.2023, morning

LAND SALZBURG



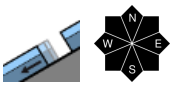
Slight daytime rise in avalanche danger

2
1
2200 m

Glocknergruppe Alpenhauptkamm, Glocknergruppe Nord, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Goldberggruppe Nord, Goldberggruppe Alpenhauptkamm, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Ankogelgruppe, Muhr, Niedere Tauern Süd

1

Loferer und Leoganger Steinberge, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Dientner Grasberge, Pongauer Grasberge, Osterhorngruppe, Gamsfeldgruppe, Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock, Nockberge



Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | Cornices | no distinct

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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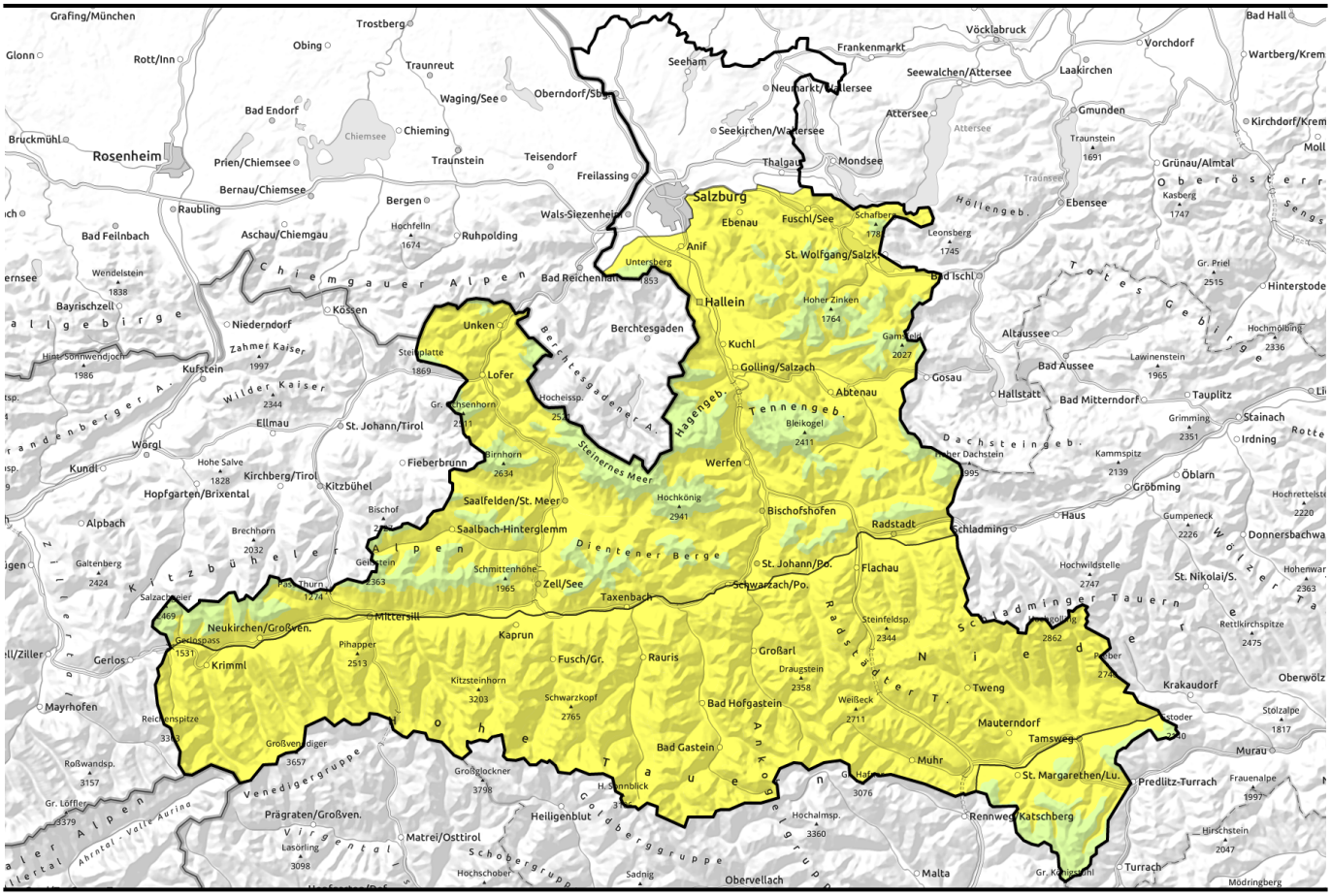
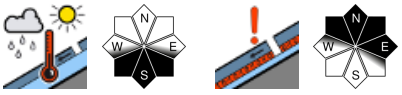
Avalanche report for Thursday, 16.02.2023, afternoon

LAND SALZBURG



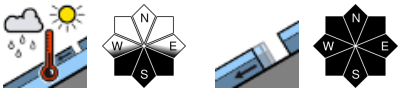
Leichter tageszeitlicher Anstieg der Lawinengefahr

Glocknergruppe Alpenhauptkamm, Glocknergruppe Nord, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Goldberggruppe Nord, Goldberggruppe Alpenhauptkamm, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Ankogelgruppe, Muhr, Niedere Tauern Süd



2400 m

Loferer und Leoganger Steinberge, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Dientner Grasberge, Pongauer Grasberge, Osterhorngruppe, Gamsfeldgruppe, Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock, Nockberge



Avalanche problems

Danger ratings

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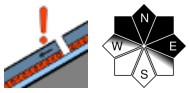
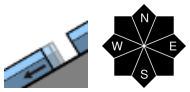
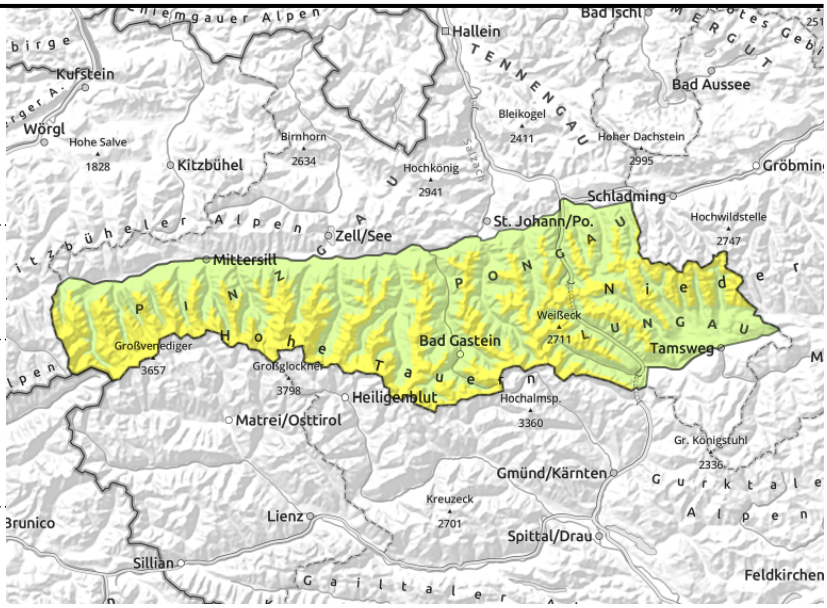
2200 m



avoid shallow-snow zones and very steep convex terrain. Use single descents and safe assembly points to reduce risk.



avoid zones below glide cracks, pass through endanger zones quickly



Persistent weak layer in the heights. Wet-snow avalanches during the day.

MODERATE avalanche danger above 2200 m in the morning, LOW danger below that altitude. In the afternoon, danger of wet loose-snow avalanches will rise below 2400m.
Fractures in weak layers in the lower part of the snowpack mostly possible only be large additional loading. In transitions from shallow to deep snow, one single skier can trigger an avalanche on very steep (>35°) slopes and convex N/E facing slopes above 2200 m. Careful route selection for ascent and descent as well as standard measures for safety (maintaining distances, safe assembly points) reduce the risks. Avalanches can reach medium size.
In addition, on steep smooth grassy slopes below 2400 m, naturally triggered glide-snow avalanches are possible at any time of day or night which can reach medium size.
In the afternoon as the snowpack moistens, small-to-medium naturally triggered wet loose-snow avalanches are to be expected on steep SE/S/SW facing slopes below 2400 m. The snowpack is softening to an increasing extent, an indication for rising danger.

Snowpack structure

The snowpack is quite stable. More deeply embedded layers in the old snow (faceted crystals, also melt-freeze crusts) are unlikely to trigger.
On steep sunny slopes a melt-freeze crust forms at night which is capable of bearing loads; at high altitudes and on E/W facing slopes the crust is not capable of bearing loads. During the course of the day the snowpack softens particularly on south-facing slopes, becomes wet, the snowpack loses its firmness. On shady slopes there is a mixture of wind-crusts and powder snow.

Weather

On Thursday, mostly sunny to start with, then high-altitude cloudbanks will pass through, creating diffuse light conditions, but visibility will remain adequate. As of midday, more cloud cover will move in from the west, reducing visibility. Winds will remain light. At 2000 m: 2-4 degrees; at 3000 m: -3 degrees.

Avalanche problems

Danger ratings

Expositions

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Avalanche report for Thursday, 16.02.2023, morning

LAND SALZBURG

Outlook

On Friday, overcast skies, temperatures will. drop further. Danger of wet-snow avalanches will diminish.

Avalanche problems

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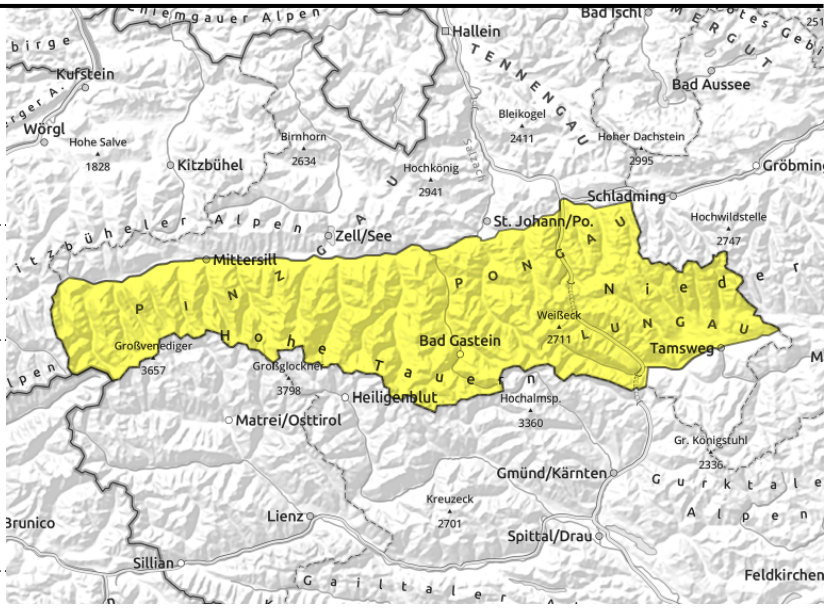

the warmer and weaker the snowpack, the more likely are loose-snow avalanches - avoid extremely steep south-facing slopes and the danger zones below them

avoid shallow-snow zones and very steep convex terrain. Use single descents and safe assembly points to reduce risk.

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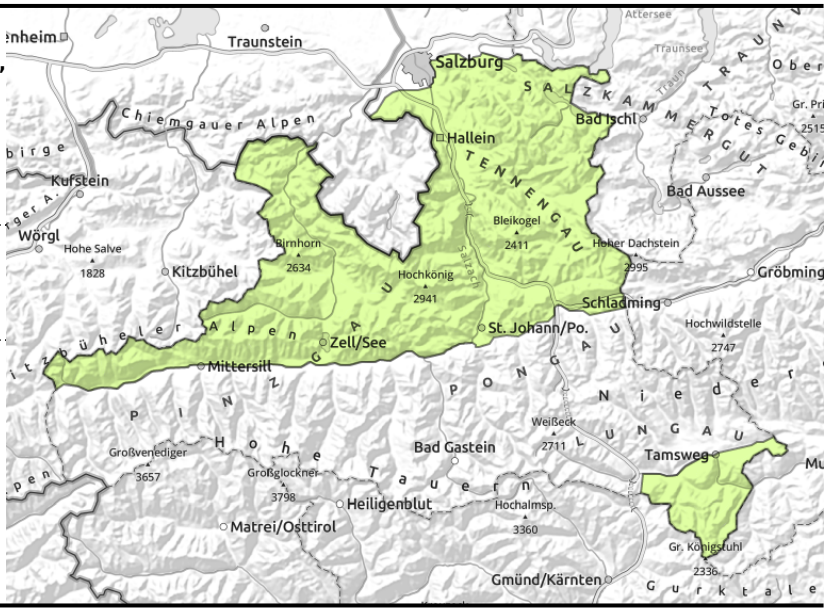

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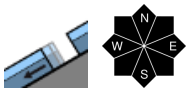

avoid zones below glide cracks, pass through endanger zones quickly

Wet-snow and glide-snow avalanches starting in afternoon.

Favourable conditions in the morning, MODERATE avalanche danger in the afternoon below 2400 m. On steep smooth grassy slopes below 2400 m, naturally triggered glide-snow avalanches reaching medium size are still possible. Avoid terrain below glide cracks or pass through these zones quickly. In the afternoon, likelihood of triggering mostly small wet loose-snow avalanches on extremely steep SE-S-SW facing slopes will increase somewhat. A soft, weak snowpack is an indicator of danger.

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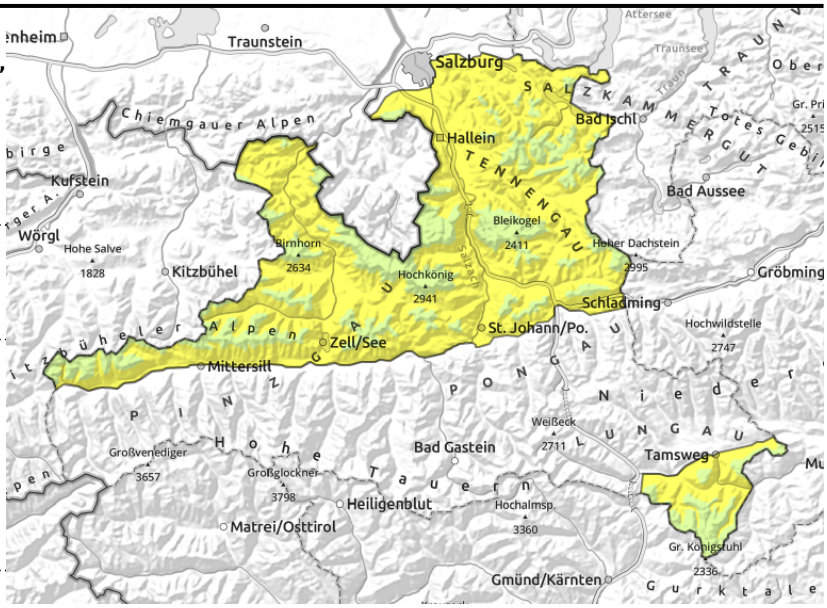

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Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

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Expositions