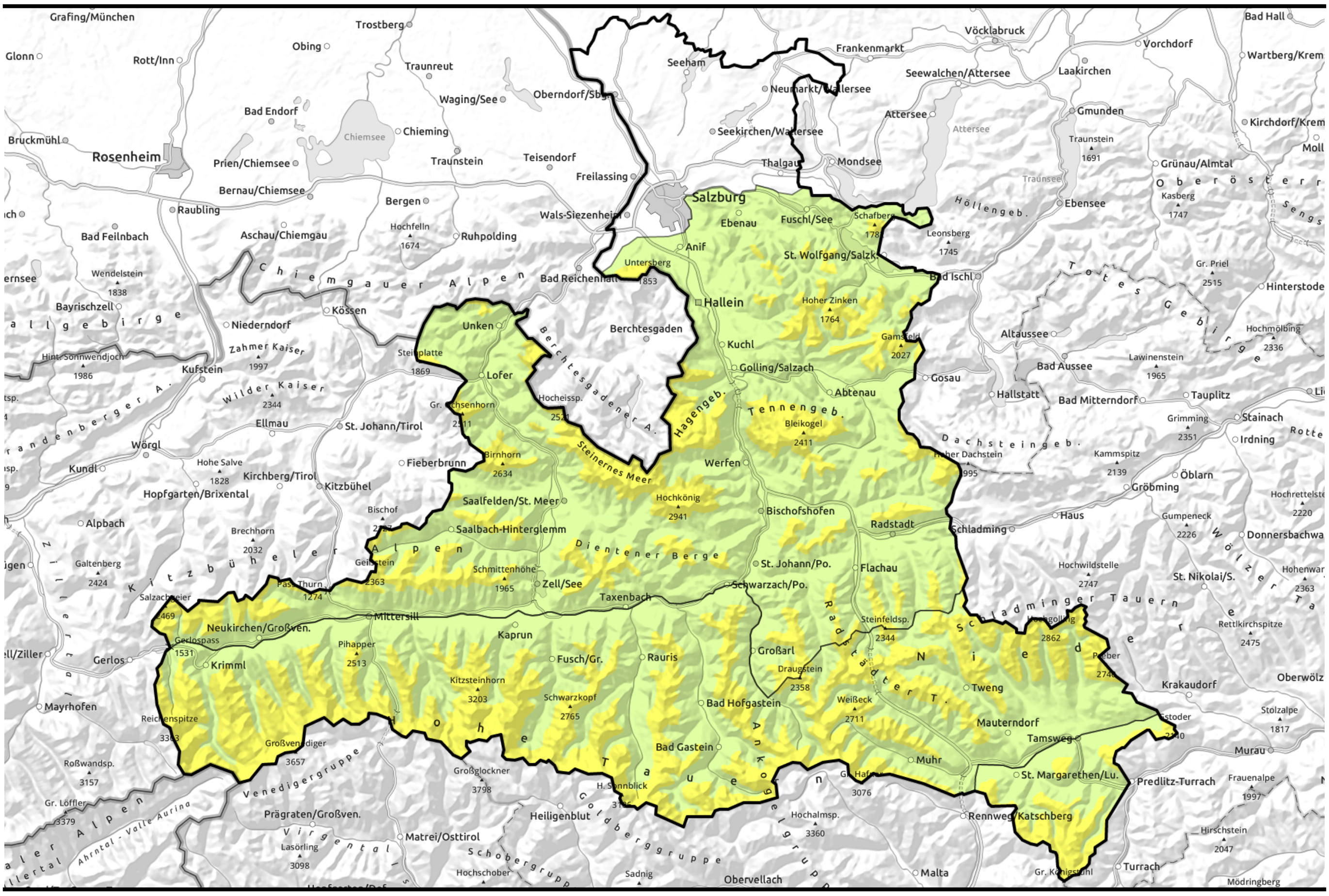
published at 29.01.2023, 18:00 h *by Matthias Walcher*

Avalanche report for Monday, 30.01.2023, morning

LAND SALZBURG



Fresh snowfall and often stormy winds: increase in avalanche danger

2 / 1 1800 m	Nockberge	
2 / 1 1800 m	Goldberggruppe Nord, Glocknergruppe Nord, Glocknergruppe Alpenhauptkamm, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Niedere Tauern Alpenhauptkamm, Niedere Tauern Süd, Ankogelgruppe, Muhr	
2 / 1 1800 m	Dientner Grasberge, Loferer und Leoganger Steinberge, Chiemgauer Alpen, Heutal, Reiteralpe, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Tennengebirge, Gosaukamm, Pongauer Grasberge, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Niedere Tauern Nord	

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

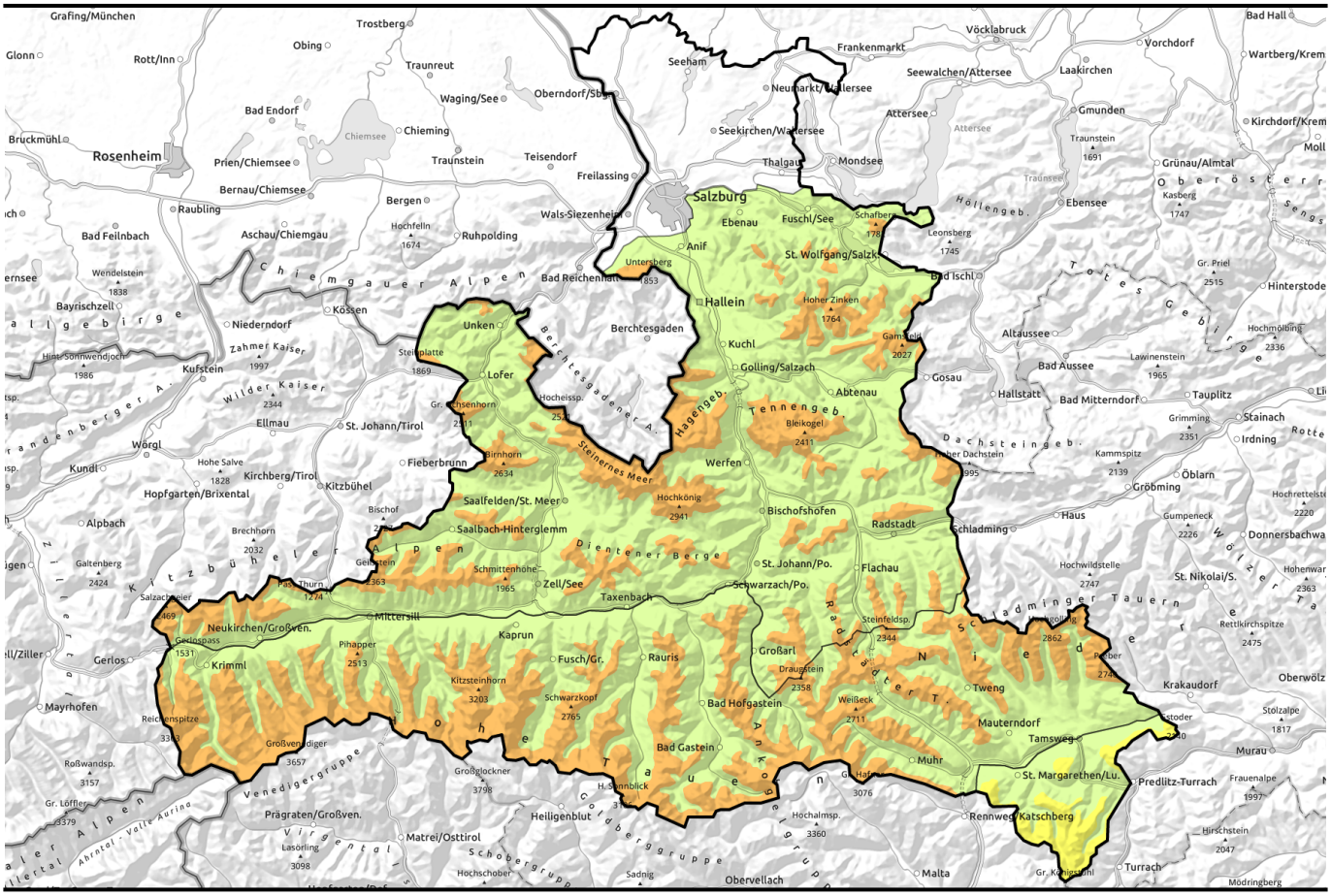
Expositions

N E S W

published at 29.01.2023, 18:00 h *by Matthias Walcher*

Avalanche report for Monday, 30.01.2023, afternoon

LAND SALZBURG



Neuschnee und teils stürmischer Wind führen zu einem Anstieg der Lawinengefahr

1800 m

Nockberge


1800 m

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



1800 m

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


Avalanche problems

Danger ratings

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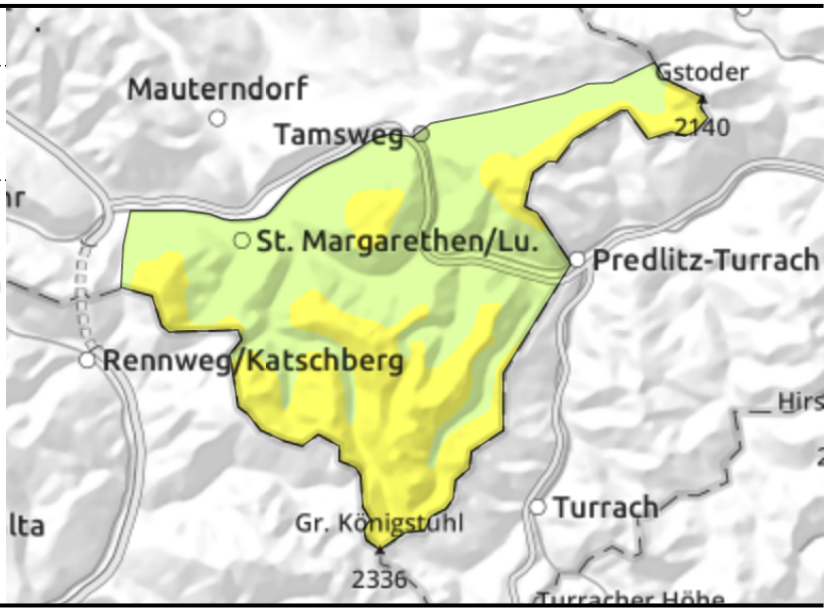
LAND SALZBURG

Nockberge

1800 m

avoid fresh snowdrifts, esp. on very steep ridgeline slopes and behind abrupt discontinuities in the terrain



Caution: trigger-sensitive snowdrift accumulations

Avalanche danger above 1800 m is MODERATE, below that altitude danger is LOW.
Fresh snowdrifts from Friday on E/S/W facing slopes are often prone to triggering, also distant from ridgelines with intensifying winds. Avalanches of small-to-medium size can be triggered even by minimum additional loading on very steep slopes. Danger zones occur esp. near ridgelines, in gullies and bowls and behind abrupt discontinuities in the terrain. They are easily recognized with adequate visibility and should be circumvented.
Superficial releases can in isolated cases fracture down to more deeply embedded layers inside the snowpack and grow to larger size, particularly on shady slopes above 2200 m. These danger zones are not visible to the naked eye.

Snowpack structure

Amid moderate to strong northerly winds, fresh snowdrift accumulations were generated on Friday. They lie deposited on E/S/W facing leeward slopes atop soft layers and are prone to triggering in places. The fresh snow from last week has settled and consolidated well for the most part. In the Tauern there are isolated weak layers in the snowpack fundament, sometimes melt-freeze crusts, particularly on shady slopes at high altitudes.

Weather

On Monday morning, frequent sunshine, in the afternoon heavy cloud cover will move in. Towards evening snowfall will set in. As a cold front moves through, temperatures will drop, stormy northerly winds will intensify.

Outlook

As a result of the cold front, snowfall by Tuesday morning, amid stormy winds: 5-10 cm. Winds will generate fresh, mostly small-sized snowdrift masses. No significant change is expected in avalanche danger levels.

Avalanche problems

Danger ratings

Expositions

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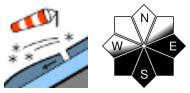
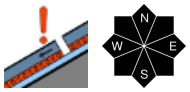
LAND SALZBURG

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

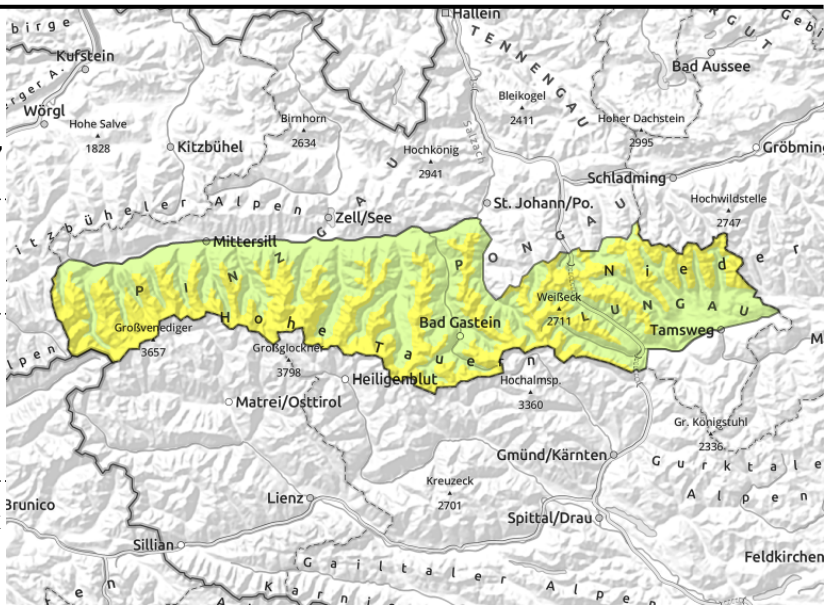
1800 m



fresh snowdrift accumulations being generated during the daytime. Pay close heed to changing conditions.



special caution urged near rock precipices and in very steep convex terrain



Increasing avalanche danger due to fresh snowfall and strong-velocity winds

Increase of avalanche danger during the daytime. As of late afternoon, danger above 1800 m will be CONSIDERABLE.
As a result of northerly winds, fresh trigger-sensitive snowdrift masses will be generated. Danger zones in the morning are found on leeward slopes, esp. E/S ridgeline slopes above the treeline. Towards midday they will still be easy to recognize and should be avoided. In afternoon, the snowdrifts will increase in frequency and in size due to more fresh snowfall and strengthening winds. They will be generated in all aspects, also distant from ridgelines and at forest edges. Visibility will deteriorate, danger zones will become hard to spot. Medium sized avalanches can be triggered even by one sole skier.
In addition, isolated weak layers inside the snowpack are prone to triggering. Least favourable are very steep shady slopes above 2200 m and sunny slopes at high altitudes (>2800m). As a result of the increased snow masses from last week these layers are ordinarily triggerable only by large additional loading. On very steep (>35°) sloeps or at rock precipices (transitions from shallow to deep snow), one sole skier can initiate fractures down to deeper snowpack layers. Avalanche releases are generally medium-sized.

Snowpack structure

As a result of NW winds on Monday, the loose snow will be transported, in the afternoon also the fresh fallen snow, and deposited on S/E ridgeline slopes. As winds intensify, also distant from ridgelines and deposited atop an unfavourable snowpack surface, then bond poorly with the snow beneath them. The middle part of the snowpack is generally quite compact and well consolidated. The lowermost part has weak layer prone to triggering on shady slopes abovbe 2200 m, on sunny slopes above 2800 m. Sometimes these are riddled with faceted crystals, sometimes with intermediate melt-freeze crusts. Near ground level there is depth hoar.

Weather

On Monday, storm-strength NW winds, gust in the afternoon will reach 100 km/hr. Initially, visibility will be adequate, but heavy cloud and snow showers in the afternoon will worsen it. At 2000 m: -6

Avalanche problems

Danger ratings

Expositions

degrees; at 3000 m: -9 degrees.

Outlook

As a result of the cold front, snowfall by Tuesday morning, amid stormy winds: 10-15 cm, more from place to place. Winds will generate fresh, mostly small-sized snowdrift masses and remain prone to triggering.

published at 29.01.2023, 18:00 h *by Matthias Walcher*

Avalanche report for Monday, 30.01.2023, afternoon

LAND SALZBURG

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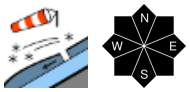

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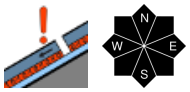

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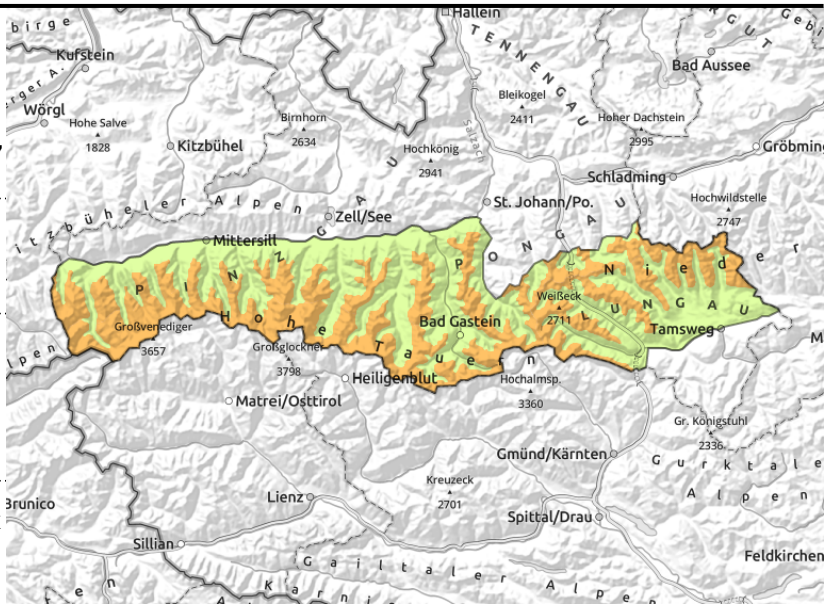

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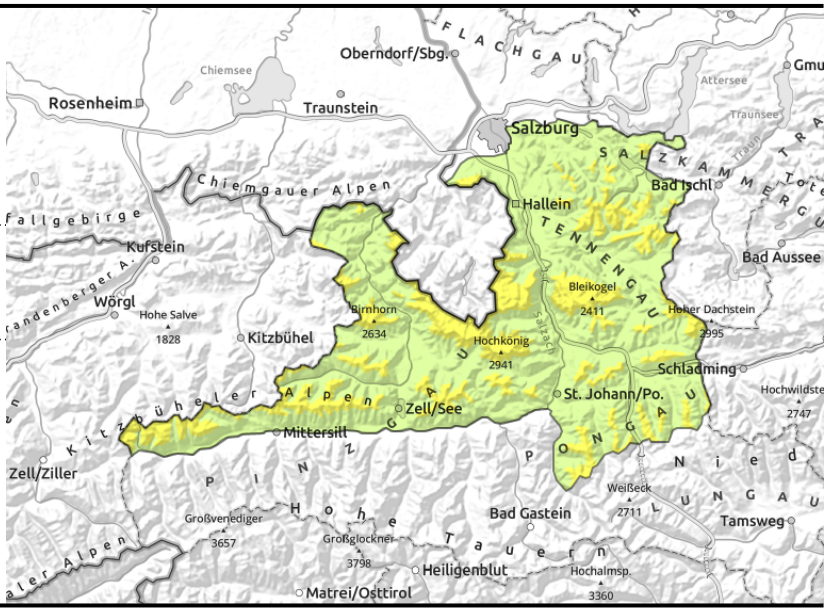

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Avalanche problems

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

Danger ratings

low | moderate | considerable | high | very high

Expositions

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Avalanche report for Monday, 30.01.2023, afternoon

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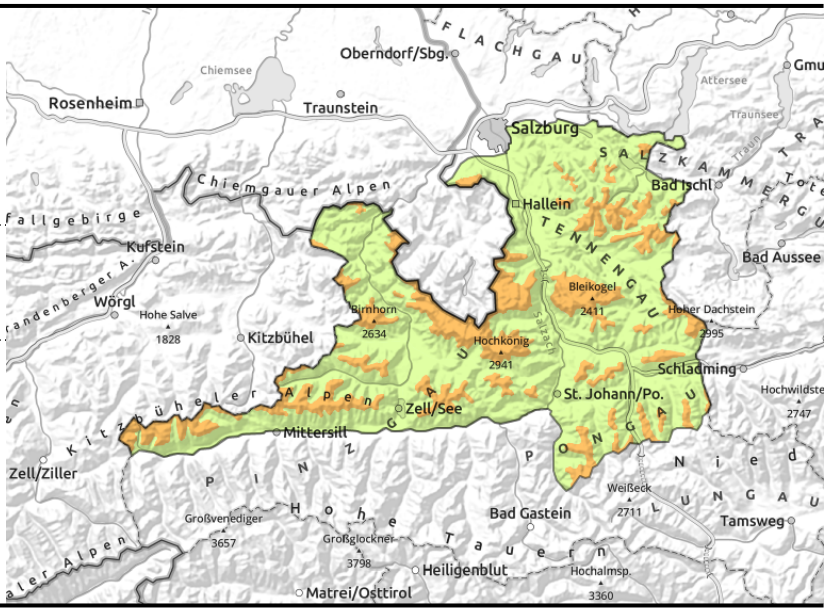

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Translated by Jeffrey McCabe, www.creativtrans.com

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