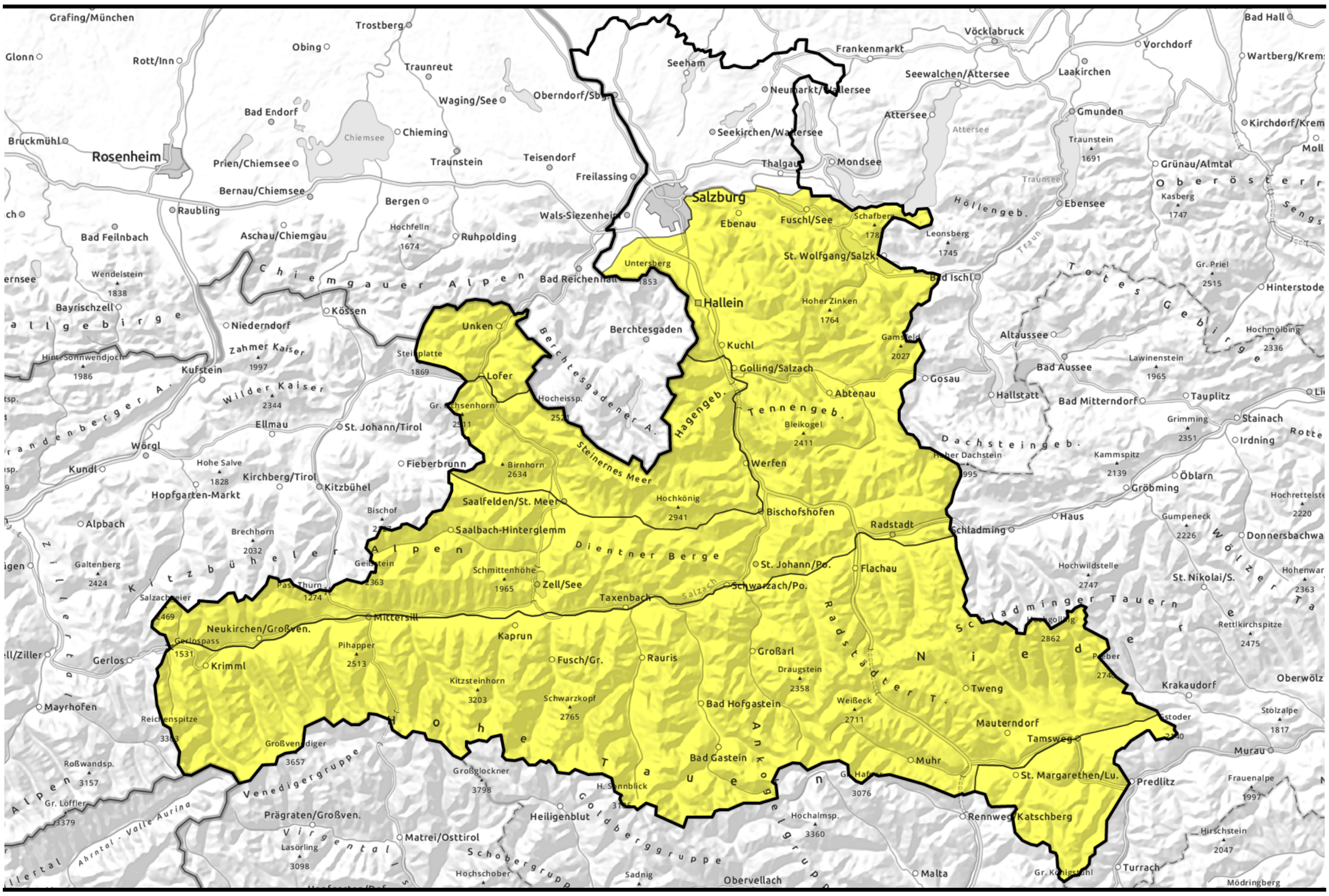
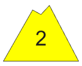
Report from 26.12.2023, 18:00 h *by Anna Heuberger*

LAND SALZBURG

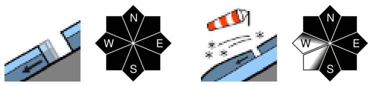
valid for: **Wednesday, 27.12.2023**

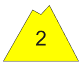


Main problem: gliding snow. Snowdrift problem in high alpine regions.

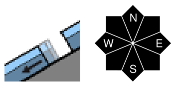


Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Nord, Glocknergruppe Alpenhauptkamm, Goldberggruppe Nord, Goldberggruppe Alpenhauptkamm, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Süd, Ankogelgruppe, Muhr, Loferer und Leoganger Steinberge, Steinernes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

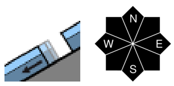




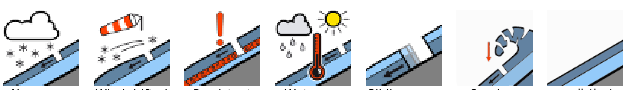
Nockberge



Dientner Grasberge, Pongauer Grasberge, Tennengebirge, Gosaukamm, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Chiemgauer Alpen, Heutal, Reiteralpe, Osterhorngruppe, Gamsfeldgruppe, Untersbergstock



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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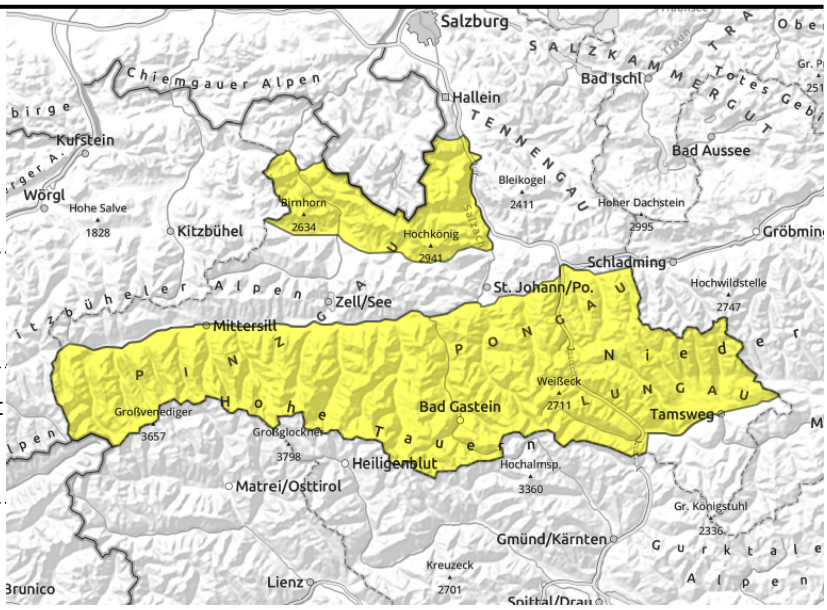

2


steep grassy slopes, possible at any time of day, often deep fractures


danger zones increase with ascending altitude, exposed terrain is windblown

Avoid zones below glide cracks. Pay close heed to drifts above 2600 m

Avalanche danger is moderate. Main problem: gliding snow.
Up to 2600 m glide-snow avalanches can trigger naturally at any time of day, esp. on steep slopes with smooth ground (grass, rocks) in all aspects. Avalanches can grow to medium size. Avoid zones below glide cracks.
Snowdrift accumulations can be triggered only in few places above 2600 m, esp. by large additional loading (a group, breaking cornice, glide-snow avalanche) and grow to large size.
Due to solar radiation and higher temperatures, loose-snow avalanches are possible, esp. on south-facing slopes, and can grow to medium size.

Snowpack structure

Stormy winds have done their work on the snowpack, variable surfaces should be expected during descents. Up to 2300 m the snowpack surface is riddled with water seepage channels, up to 2700 m there is a surface crust. On Tuesday night the uppermost layer will freeze down to low altitudes, form a crust capable of bearing loads.
Wide-ranging snowdrift accumulations have been generated at high altitudes, on shady slopes deposited atop a loose layer of faceted crystals. Even where the snowpack surface was encrusted, a faceted layer could have formed before the snow fell. In high alpine zones above 2800 m the old snowpack base has faceted crystals near the crusts.
Inside the snow from last weekend above 2700 m there are several icy films resulting from the fluctuating snowfall leels On high shady slopes there are faceted crystals beneath these films.
The ground is warm, thus, the entire snowpack is gliding downhill over smooth surfaces.

Weather

On Wednesday, mild high-pressure front effects, lots of sunshine, only scattered clouds, good visibility. Winds will be light. In the afternoon along the Hohe Tauern, liight southerly foehn wind will arise. At 2000 m: 2 to 6 degrees; at 3000 m: 0 degrees. Wednesday night skies will be clear, little wind.

Avalanche problems

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

Danger ratings

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Expositions

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Outlook

The danger of glide-snow avalanches will persist.

Avalanche problems

Danger ratings

Expositions

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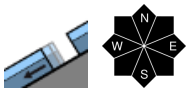
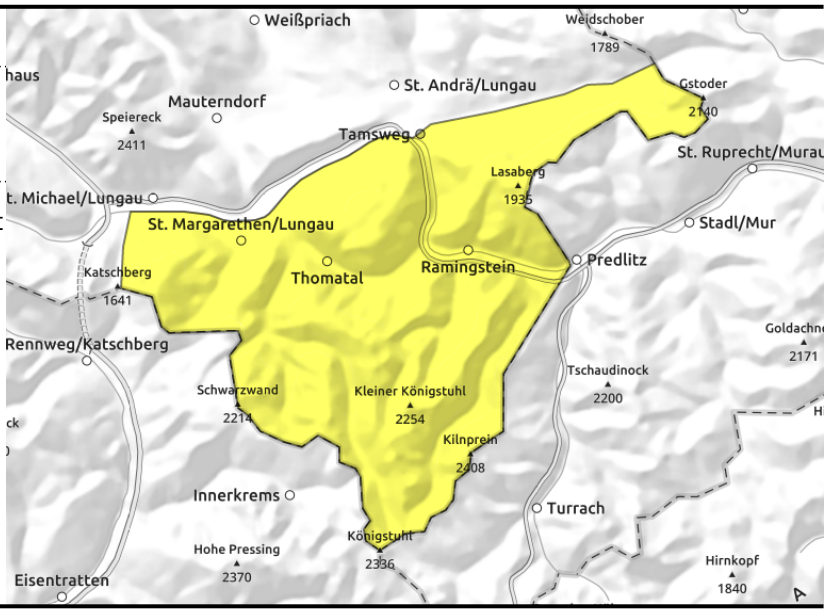
LAND SALZBURG

Nockberge



steep grassy slopes, possible at any time of day



Avoid zones below glide cracks

Glide-snow avalanches can trigger naturally up to summit level at any time of day, esp on steep slopes with smooth ground beneath (grass, rocks) in all aspects. Above 1800 m they can be medium-sized. Avoid zones below glide cracks.
Due to higher temperatures, loose-snow avalanches are possible on very steep slopes, mostly small-sized.

Snowpack structure

Stormy winds have done their work on the snowpack, variable surfaces should be expected during descents. At low and intermediate altitudes the snowpack is thoroughly wet.
The drifts formed over the weekend are generally well bonded with the old snowpack.
The ground is warm, thus, the entire snowpack is gliding downhill over smooth surfaces.

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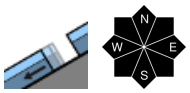
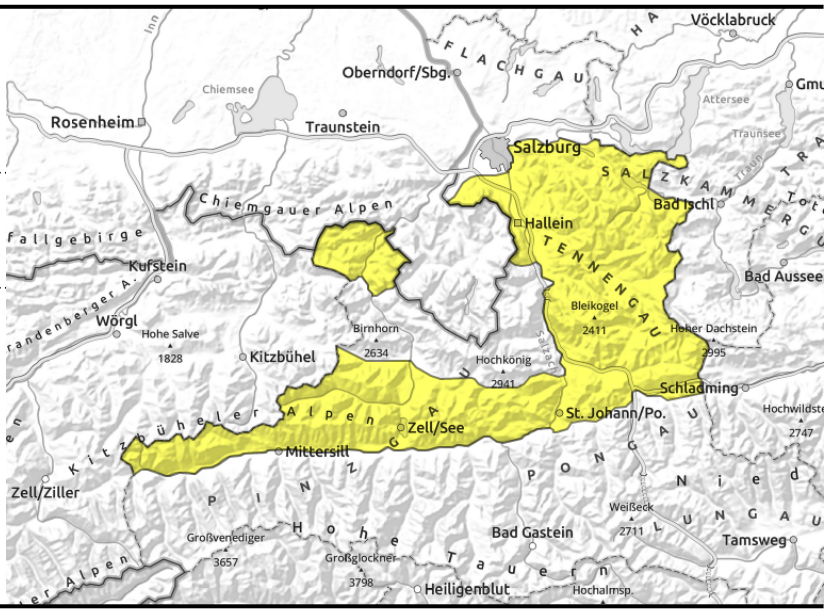


possible at any time of day, sometimes deep fractures, on steep grassy slopes



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Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

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