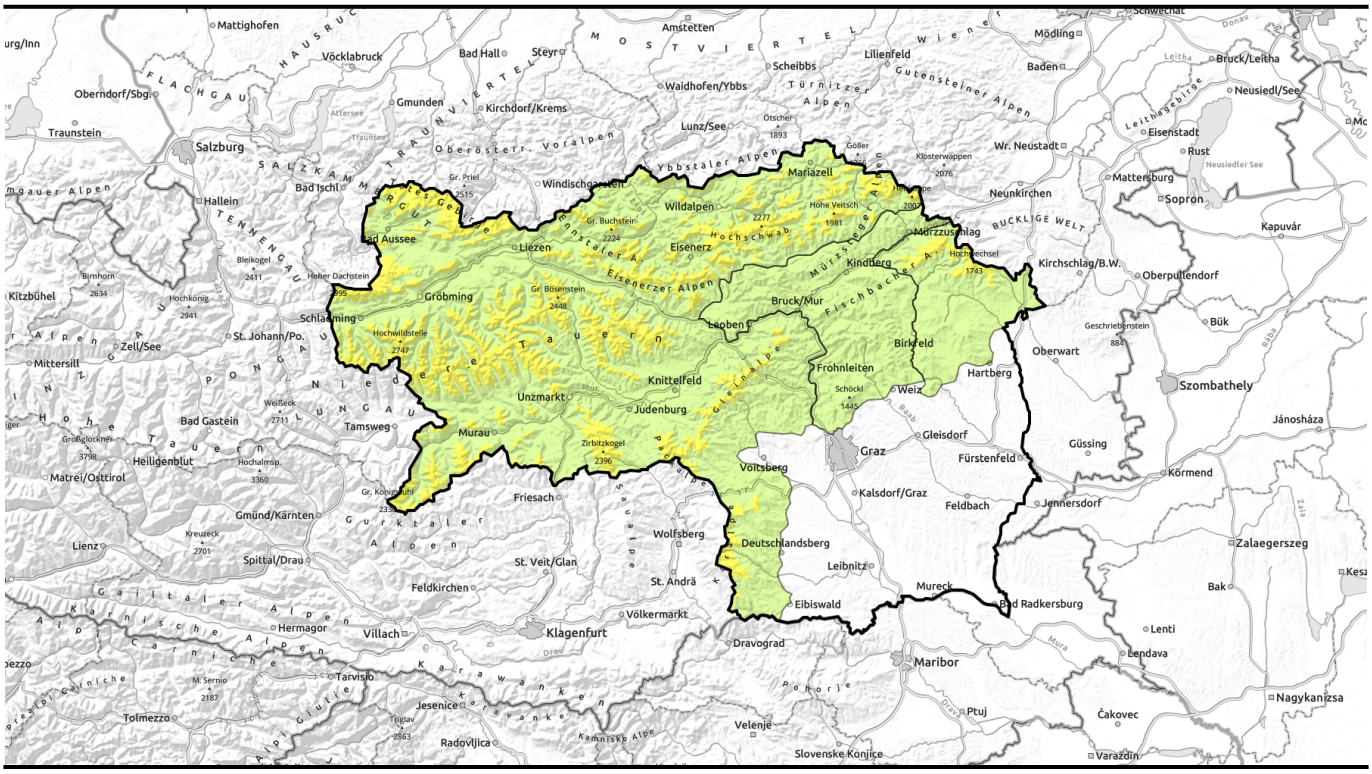
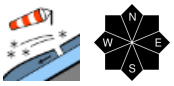
Report from 13.01.2024, 18:00 h *by Lawinenwarndienst Steiermark*

valid for: Sunday, 14.01.2024

Das Land Steiermark



Moderate danger due to snowdrifts in all aspects

1	Mürztaler Alpen, Westliche Fischbacher Alpen und Grazer Bergland	
2 1 forestline	Hochschwabgebiet, Mürzsteger Alpen, Eisenerzer Alpen, Ennstaler Alpen, Totes Gebirge, Schladminger Tauern Nord, Schladminger Tauern Süd, Gurktaler Alpen, Nördliche Wölzer Tauern, Südliche Wölzer Tauern, Rottenmanner Tauern, Gaaler Alpen, Triebener Tauern, Seetaler Alpen, Östliche Fischbacher Alpen und Wechselgebiet, Stub- und Gleinalpe, Koralpe, Dachsteingebiet	

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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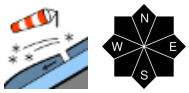
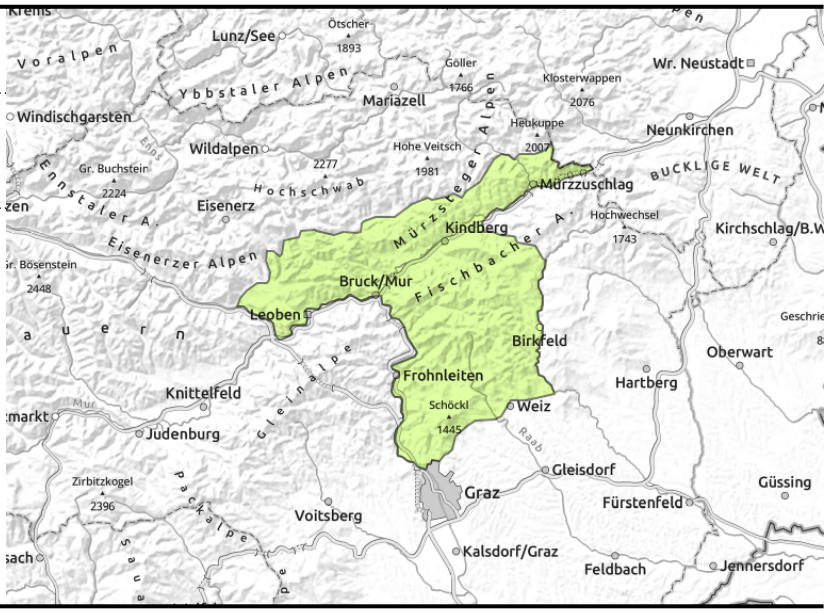
Mürztaler Alpen, Westliche Fischbacher Alpen und Grazer Bergland



small/thin drifted masses



Generally low danger but snowdrift patches require attentiveness

Avalanche danger is low in general. Near ridges and behind discontinuities in the terrain, thin snowdrift patches have formed which can be triggered as slab avalanches even by 1 person.The dangers of falling outweigh those of being buried in snow masses.

Snowpack structure

A bit of fresh snow from the weekend was transported to all aspects, but the drifts are rather small. The snowdrift accumulations are poorly bonded with the surface. The surface hoar and faceted crystals are potential weak layers, also the still loose fresh snow. The old snowpack beneath them is compact, without marked weak layers.
The snowpack surface is highly diverse, often a hard challenge for skiers, alternating wind crusts, swirls, hardened and icy surfaces. In wind-protected shady terrain and wooded zones there is also loose powder (due to cold, and good outgoing nocturnal radiation beneath clear skies).

Weather

Following a night of clear skies, Sunday will be mostly sunny (only a few cirrus clouds). On the northern and eastern rim of the Alps, strong-to-stormy westerly winds, but in Niedere Tauern and southwards therefrom winds will be much lighter. At 2000 m: -5 degrees in the NE and -1 degree in the south and southwest.

Outlook

On Sunday night, heavy clouds will move in and strong westerly winds will help them to persist, however with only minor snowfall. South of the Main Alpine Ridge, weather will be more tranquil and largely sunny. Avalanche danger levels are not expected to change significantly.

Avalanche problems

Danger ratings

Expositions

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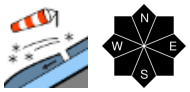
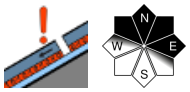
Hochschwabgebiet, Mürzsteger Alpen, Eisenerzer Alpen, Ennstaler Alpen, Totes Gebirge, Schladminger Tauern Nord, Schladminger Tauern Süd, Gurktaler Alpen, Nördliche Wölzer Tauern, Südliche Wölzer Tauern, Rottenmanner Tauern, Gaaler Alpen, Triebener Tauern, Seetaler Alpen, Östliche Fischbacher Alpen und Wechselgebiet, Stub- und Gleinalpe, Koralpe, Dachsteingebiet

forestline



atop unfavorable base



in isolated cases in shady and high-alpine terrain

Snowdrift accumulations are still instable

Avalanche danger above the treeline is moderate. Main problem: snowdrifts in all aspects, but esp. on east and south-facing slopes. Danger zones near ridges, at entries into gullies and bowls, behind discontinuities. Instable snowdrifts have accumulated in exposed zones, triggerable as small-to-medium slab avalanches even by minimum additional loading. On shady steep high-altitude slopes, also large avalanches can be triggered (start of a persistent weak layer problem). Windblown surfaces are often icy and hard, acute danger of falling.

Snowpack structure

The loose snow has been transported to all aspects, the accumulated snowdrifts occur not only near ridges, often in wide-open areas below the treeline, the are poorly bonded with the surface. Potential weak layers: faceted layers and surface hoar clinging to crusts. The snowpack beneath this is compact, without marked weak layers. Only on steep shady high altitude slopes do faceted layers weaken the entire mass.

The snowpack surface is highly diverse, often a hard challenge for skiers, alternating wind crusts, swirls, hardened and icy surfaces. In wind-protected shady terrain and wooded zones there is also loose powder (due to cold, and good outgoing nocturnal radiation beneath clear skies).

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Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

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Expositions