

## Some fresh snow in the south, NW winds, fresh snowdrifts



Mürztaler Alpen, Westliche Fischbacher Alpen und Grazer Bergland, Östliche Fischbacher Alpen und Wechselgebiet, Stub- und Gleinalpe

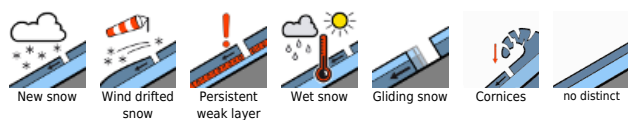


forestline

Hochschwabgebiet, Eisenerzer Alpen, Totes Gebirge, Schladminger Tauern Nord, Schladminger Tauern Süd, Gurktaler Alpen, Nördliche Wölzer Tauern, Südliche Wölzer Tauern, Rottenmanner Tauern, Triebener Tauern, Dachsteingebiet, Seetaler Alpen, Koralpe, Gaaler Alpen, Ennstaler Alpen, Mürzsteiger Alpen



### Avalanche problems



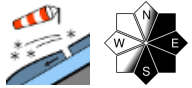
### Danger ratings



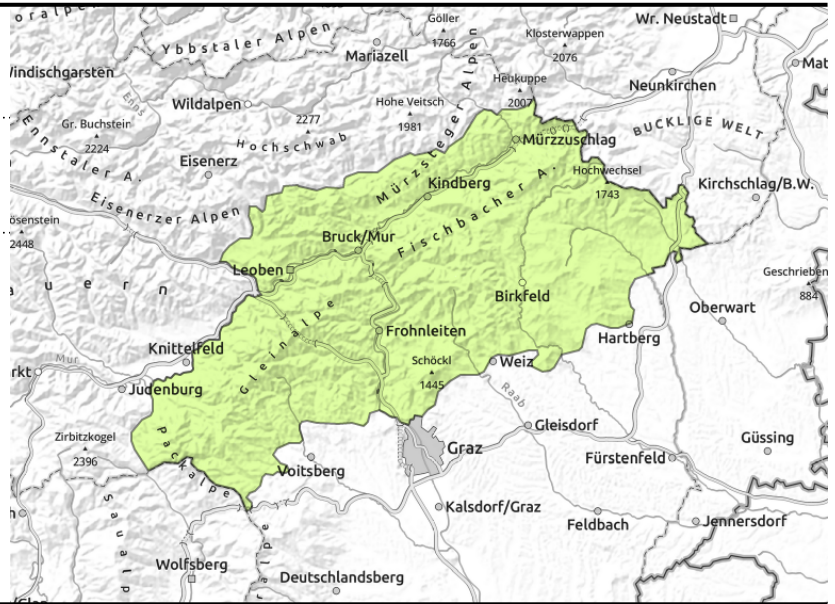
### Expositions



**Mürztaler Alpen, Westliche Fischbacher Alpen und Grazer Bergland, Östliche Fischbacher Alpen und Wechselgebiet, Stub- und Gleinalpe**



small/thin drifted masses



**Low avalanche danger, small fresh snowdrift patches**

Avalanche danger is generally low. Danger zones on E/W facing slopes near ridges and behind discontinuities in the terrain, thin snowdrift patches have formed which can be triggered as slab avalanches in isolated cases. The dangers of falling outweigh those of being buried in snow masses.

**Snowpack structure**

Snowdrift accumulations are relatively small, but poorly bonded esp. on N/E facing slopes. Faceted layers and surface hoar clinging to a melt-freeze crust are potential weak layers. The old snowpack beneath them is compact, without marked weak layers. The snowpack surface is melt-freeze encrusted, hard and often icy. Some fresh snowdrifts near wooded zones have the quality of powder.

**Weather**

After the perturbation passes through during the night, dry and cold air masses from the NW will determine the weather in Styria's mountains on Saturday. After final residual clouds disperse along the Northern Alps, cloudless skies will prevail with outstanding visibility. At 2000 m at midday: -10 degrees; at 1500 m: -8 degrees. The NW winds will be light, brisker on the eastern rim of the Alps. Also on Sunday, tranquil weather, rising temperatures, a few clouds in the afternoon.

**Outlook**

The snowpack will settle on sunny slopes. Snowdrifts on shady slopes remain the problem.

**Avalanche problems**



**Danger ratings**

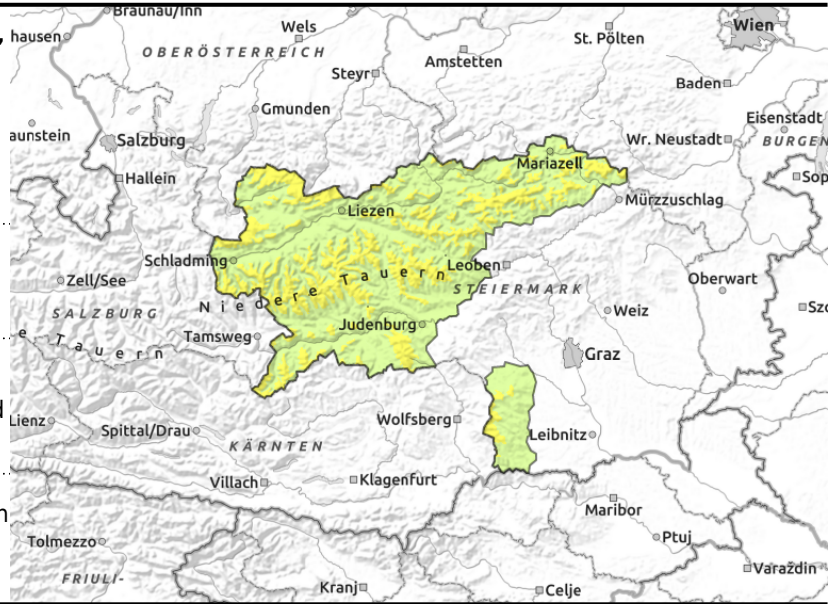


**Expositions**



valid for: **20.01.2024** through **22.01.2024**

**Hochschwabgebiet, Eisenerzer Alpen, Totes Gebirge, Schladminger Tauern Nord, Schladminger Tauern Süd, Gurktaler Alpen, Nördliche Wölzer Tauern, Südliche Wölzer Tauern, Rottenmanner Tauern, Triebener Tauern, Dachsteingebiet, Seetaler Alpen, Koralpe, Gaaler Alpen, Ennstaler Alpen, Mürzsteiger Alpen**



forestline



atop unfavorable base, near to and distant from ridges, behind discontinuities



in shady and high-alpine terrain

## Moderate avalanche danger due to drifts behind discontinuities

Avalanche danger above the treeline is moderate. Main problem: snowdrifts esp. on east and south-facing slopes deposited atop an unfavourable base. Danger zones near to and far from ridges, at entries into gullies and bowls, behind discontinuities. Instable snowdrifts are triggerable as small-to-medium slab avalanches even by minimum additional loading. Freshly generated cornices are brittle, unstable, easily triggered.

In shady, extremely steep terrain and gullies at high altitudes, isolated (also large-sized) avalanches can be triggered (persistent weak layer). Windblown, exposed surfaces are often icy and hard, acute danger of falling.

### Snowpack structure

The precipitation from Friday was irregularly distributed: up to 25 cm of fresh snow near Koralpe, 10 cm in Turrach and Hochschwab regions, less in Ausseerland. Fresh snowdrift accumulations behind discontinuities on E/S facing slopes, poorly bonded with the surface full of faceted crystals and surface hoar. Elsewhere the old snowpack is melt-freeze encrusted, hard and often icy. The base is generally compact without marked weak layers. Only on steep shady slopes at high altitudes is the expansive metamorphosis weakening the snowpack base. Freshly generated snowdrift accumulations extend to below the treeline and have the character of powder, unlikely to trigger.

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Translated by Jeffrey McCabe, [www.creativtrans.com](http://www.creativtrans.com)

#### Avalanche problems



#### Danger ratings



#### Expositions

