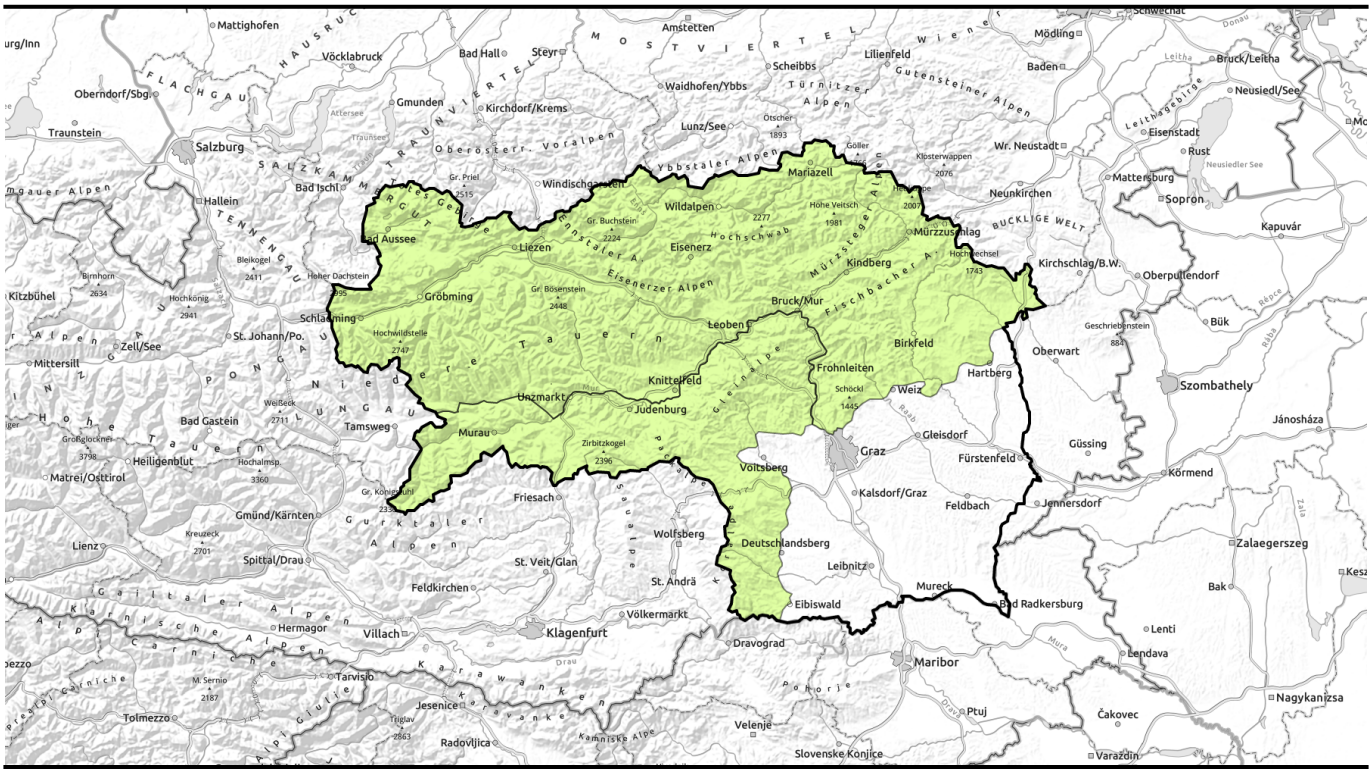
published at 17.02.2023, 18:00 h *by Gernot Zenkl*

Avalanche report for Saturday, 18.02.2023

Das Land Steiermark



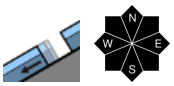
Increasingly stormy in northern regions - low avalanche danger widespread

1

Schladminger Tauern Süd, Schladminger Tauern Nord, Dachsteingebiet, Totes Gebirge, Nördliche Wölzer Tauern, Südliche Wölzer Tauern, Seckauer Tauern, Eisenerzer Alpen, Rottenmanner Tauern, Ennstaler Alpen, Hochschwabgebiet, Westliche Fischbacher Alpen und Grazer Bergland, Östliche Fischbacher Alpen und Wechselgebiet, Mürzsteger Alpen, Mürztaler Alpen

1

Gurktaler Alpen, Seetaler Alpen, Stub- und Gleinalpe, Koralpe



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

www.lawine-steiermark.at

Lawinenhandy: 0664/8105928

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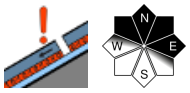
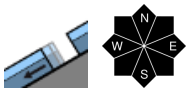


isolated avalanche prone locations in shady and high alpine terrain



in extremely steep terrain, possible at any time of day or night

Few avalanche prone locations in the old snow plus glide-snow problem - low danger

Avalanche danger in Styria is low. On very steep north and east-facing slopes at high altitudes slab avalanche triggerings from large additional loading cannot be ruled out. At intermediate and low altitudes, naturally triggered glide-snow avalanches are possible in all aspects. Do not lay tracks below glide-cracks.

Snowpack structure

The snowpack has settled well, is mostly stable. On higher-altitude shady slopes the snowpack is mostly dry, moist lower down, in places it is already isotherm. Depending on wind impact and solar radiation, the surface is melt-freeze encrusted or hardened, a loose layer exists only on shady wind-protected slopes. Trigger-sensitive weak layers exist more deeply embedded inside the snowpack in the form of faceted crystals around older melt-freeze crusts. In addition, when the snowpack is thoroughly wet there is a wet sliding layer in the transitions to the ground which is responsible for glide-snow avalanches.

Weather

Austria lies in the path of a powerful NW air current which is supplying moist air masses to the northern flank of the Alps. Along the Northern Alps in the morning hours, barrier clouds will accumulate, visibility will become reduced, minor precipitation will result. Slowly the clouds will disperse from the west, but skies will still remain gloomy in the Hochschwab region. On the southern flank of the Alps, weather conditions are more pleasant. Apart from high-altitude cirrus clouds it will be sunny with good visibility. Brisk to strong NW winds, especially on the eastern rim of the Alps (Hochschwab Massif, Mürzsteger Alps, Wechsel) it will be stormy. Temperatures are rising from north to south, in the Northern Alps at midday at 2000 m: zero degrees; from Turracher Höhe to Koralpe at +6 degrees.

Avalanche problems

Danger ratings

Expositions

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Das Land Steiermark

Outlook

On Sunday, a perturbance in the Northern Alps will bring precipitation to the Niedere Tauern, snowfall level dropping to 1100-1300 m by evening. NW winds will be strong to stormy. Southern massifs will have better weather. The snowdrift problem will increase.

Avalanche problems

Danger ratings

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Gurktaler Alpen, Seetaler Alpen, Stub- und Gleinalpe, Koralpe

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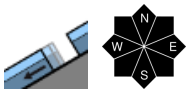
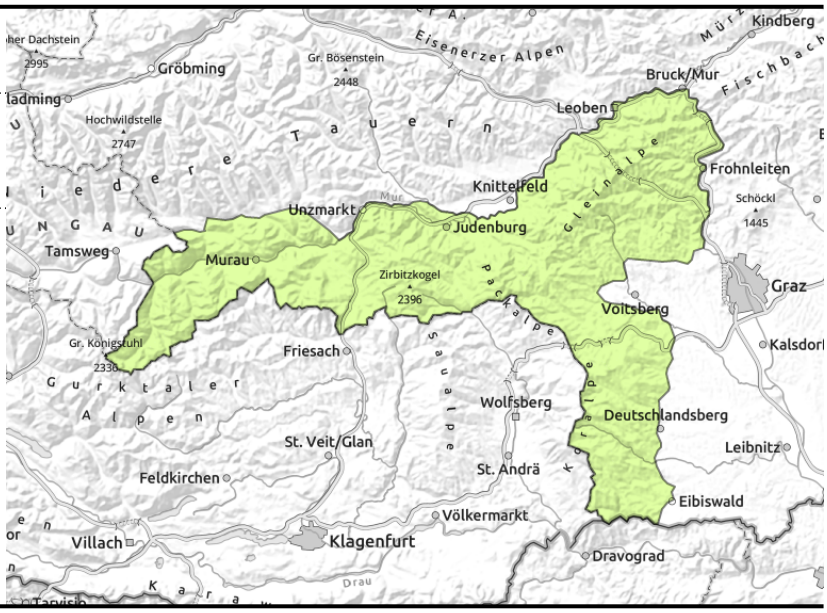


in extremely steep terrain at any time of day or night



Low avalanche danger. Southern regions have better weather.

Avalanche danger in Styria is low. At intermediate and low altitudes the danger of naturally triggered glide-snow avalanches on steep smooth grassy slopes still threatens. These can trigger at any time of day or night, zones below glide cracks should be avoided. Due to diffuse solar radiation, increasingly frequent wet loose-snow avalanches can trigger from steep zones which have not yet discharged. On very seteep N/E facing slopes at high altitude, in addition, isolated slab avalanches cannot be ruled out by large additional loading (persistent weak layer).

Snowpack structure

The snowpack has settled well, is mostly stable. On higher-altitude shady slopes the snowpack is mostly dry, moist lower down, in places it is already isotherm. Depending on wind impact and solar radiation, the surface is melt-freeze encrusted or hardened, a loose layer exists only on shady wind-protected slopes. Trigger-sensitive weak layers exist more deeply embedded inside the snowpack in the form of faceted crystals around older melt-freeze crusts. In addition, when the snowpack is thoroughly wet there is a wet sliding layer in the transitions to the ground which is responsible for glide-snow avalanches.

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Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions