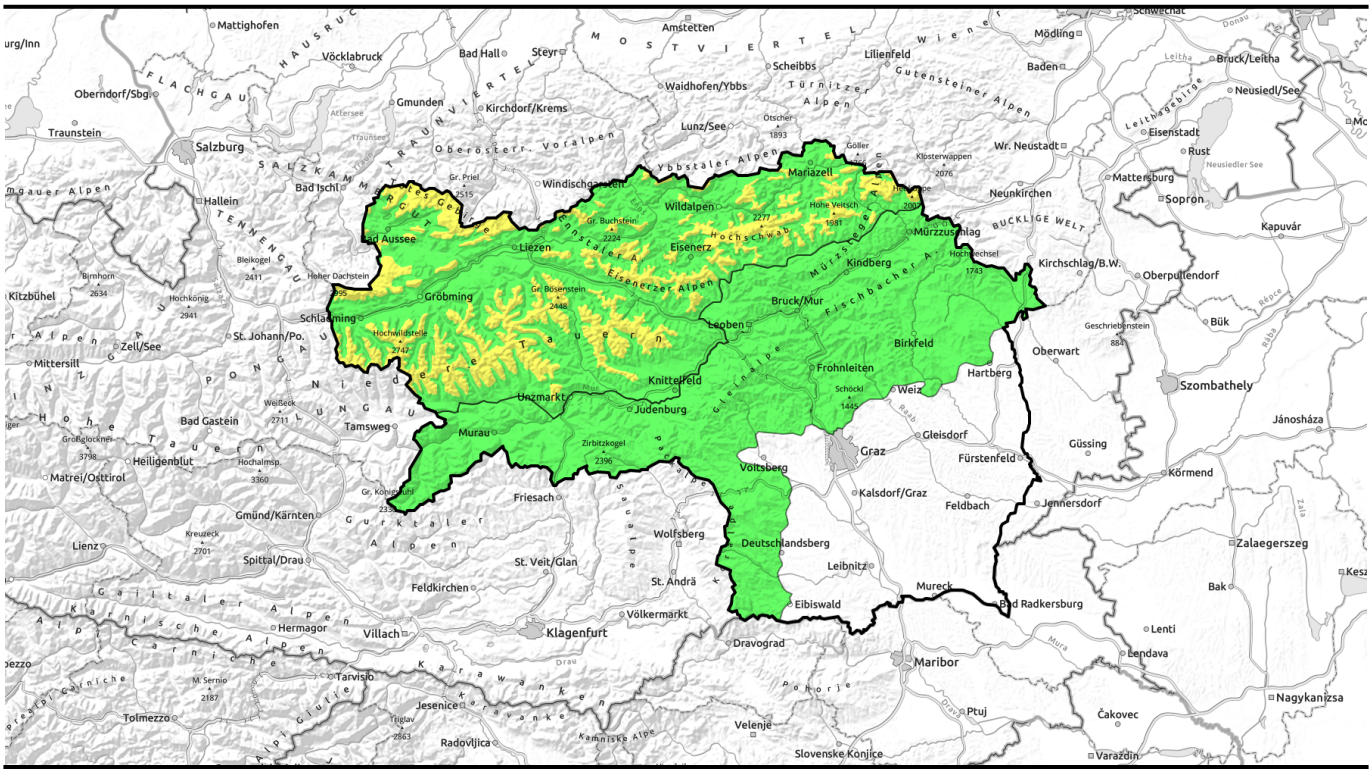
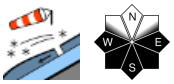
Avalanche report from 27.02.2022, 18:00 h *by Gobiet Andreas*

28.02.2022

Das Land Steiermark



Snowdrift problem above the treeline

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

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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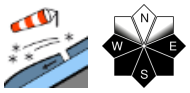
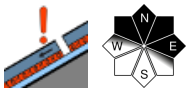
Schladminger Tauern Nord, Schladminger Tauern Süd, Südliche Wölzer Tauern, Nördliche Wölzer Tauern, Rottenmanner Tauern, Seckauer Tauern, Mürzsteger Alpen, Totes Gebirge, Dachsteingebiet, Ennstaler Alpen, Eisenerzer Alpen, Hochschwabgebiet

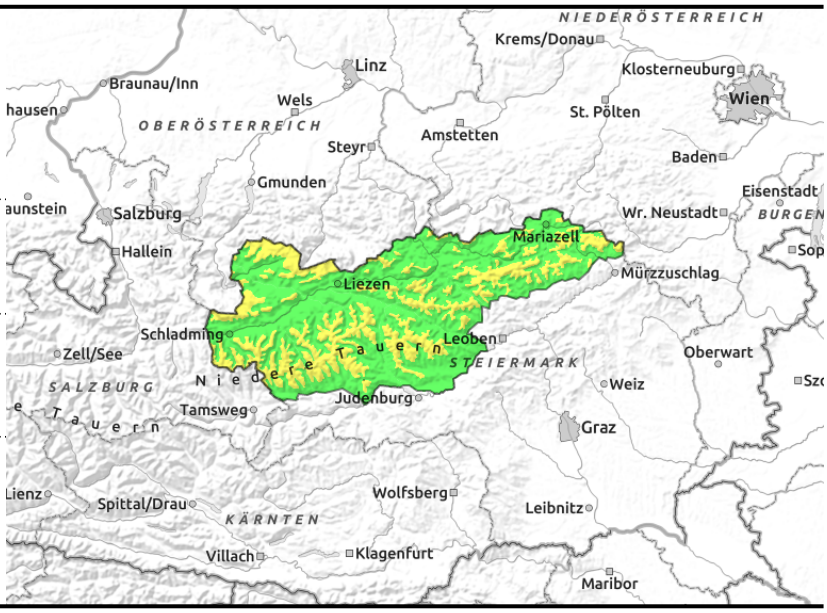
forestline



above treeline



shady, high-altitude terrain



Moderate danger: fresh snowdrifts on extended S-facing slopes

Moderate danger prevails at high altitudes. Danger zones are freshly generated snowdrift accumulations on E/S/W facing slopes where slabs can often be triggered by the weight of one person. Particularly ridgeline slopes, protruberances and entries into gullies and bowls need to be assessed critically. In addition, on north-facing slopes in shady high-altitude terrain, isolated older snowdrifts can be triggered as slabs, particularly in transitions from shallow to deep snow - avoid them!

Snowpack structure

In the Northern Alps there was up to 50 cm of fresh snow registered, accompanied by strong northerly winds. In the southern sectors there have been fresh snowdrifts accumulated. The fresh snow and drifts were deposited atop a melt-freeze encrusted old snowpack or atop older snowdrifts. The new snowdrift masses are prone to triggering and can also contain weak layers. In transitions to the old snow, weak layers can be formed (cold on warm). In shady high altitude terrain, faceted crystals are weakening the fundament (persistent weak layer). On sunny slopes and at low altitudes the snowpack fundament is largely stable.

Weather

Monday will be variably cloudy, the sun often impeded by low lying clouds, visibility frequently reduced. In northeastern regions in the morning, light snowfall is possible. Winds will shift to northeasterly, bring still colder air masses our way. Temperatures will drop: at 2000 m to -12 degrees. Strong winds will sharpen the cold, but slacken off starting at midday.

Outlook

High-pressure front conditions on Tuesday will bring brilliantly sunny weather. The snowdrift problem will slowly recede.

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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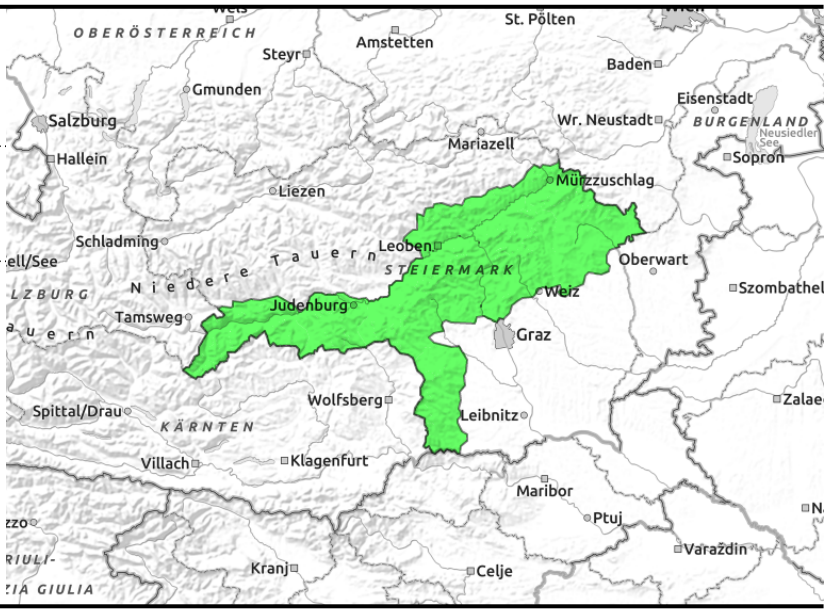
Gurktaler Alpen, Seetaler Alpen, Stub- und Gleinalpe, Koralpe, Westliche Fischbacher Alpen und Grazer Bergland, Östliche Fischbacher Alpen und Wechselgebiet, Mürztaler Alpen

1

thin, small snowdrift accumulations



Low avalanche danger but isolated danger zones due to fresh snowdrift patches

Avalanche danger is low. Nevertheless, since Saturday there have been small snowdrift accumulations freshly generated on E/S/W facing slopes which in isolated cases can trigger small slab avalanches. Danger zones occur behind protruberances and at entries into steep slopes, gullies, bowls.

Snowpack structure

The shift from higher to lower temperatures has stabilized the snowpack. The surface is melt-freeze encrusted, on shady slopes there is pressed powder. Saturday brought a bit of fresh snow and new snowdrift accumulations. Bonding of old snow is generally good, but prone to triggering in isolated cases.

Weather

Monday will be variably cloudy, the sun often impeded by low lying clouds, visibility frequently reduced. In northeastern regions in the morning, light snowfall is possible. Winds will shift to northeasterly, bring still colder air masses our way. Temperatures will drop: at 2000 m to -12 degrees. Strong winds will sharpen the cold, but slacken off starting at midday.

Outlook

High-pressure front conditions on Tuesday will bring brilliantly sunny weather. Avalanche danger will remain low.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions