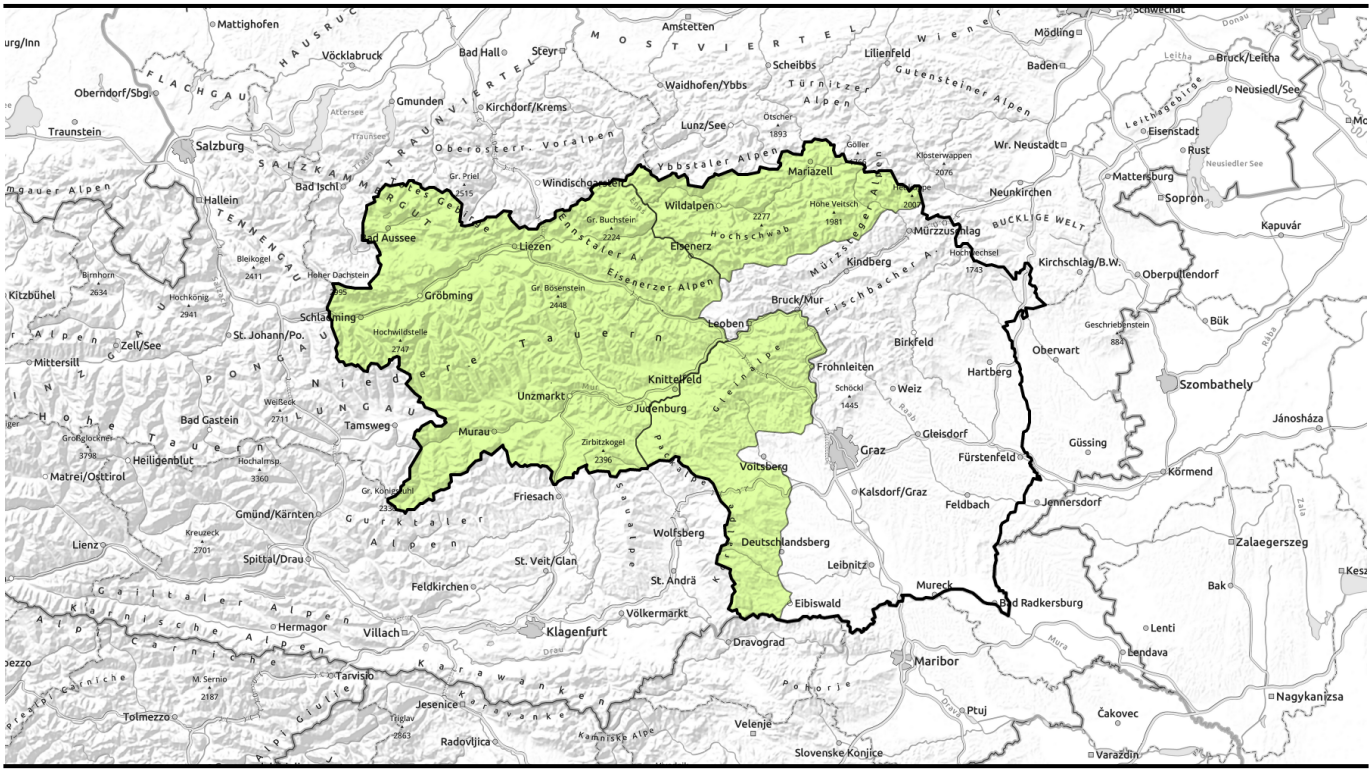
Report from 16.02.2024, 18:00 h *by Lawinenwarndienst Steiermark*

valid until: Saturday, 17.02.2024, 18:00 h

Das Land Steiermark



Caution in starting zones: wet-snow/glide-snow avalanches

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

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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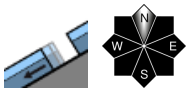
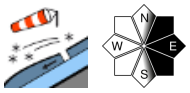
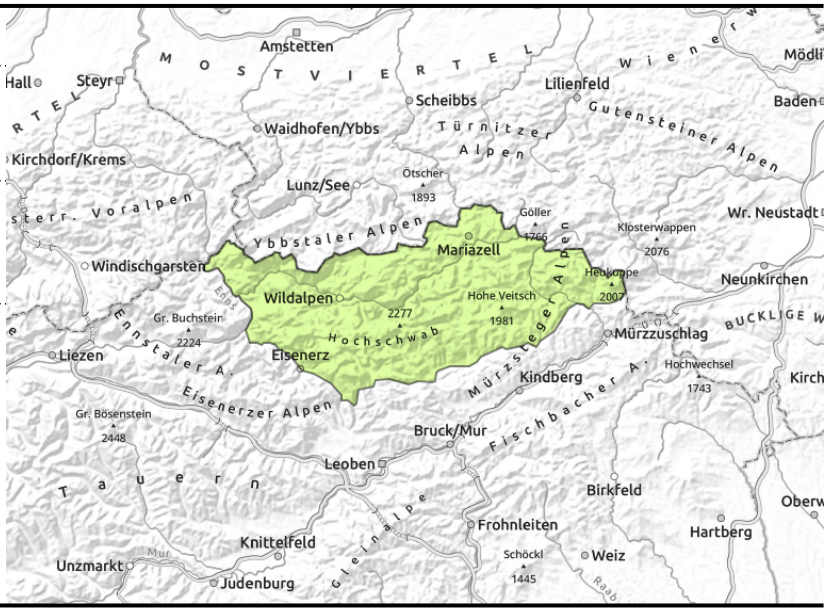
Mürzsteger Alpen, Hochschwabgebiet



in all aspects



very isolated small, thin snowdrifts near ridgelines



Quite isolated ridgeline snowdrift patches, naturally triggered glide-snow avalanches in steep terrain

From Hochschwab to Rax, low avalanche danger. On steep slopes in all aspects, naturally triggered glide-snow/wet-snow avalanches can be expected, most releases medium-sized. Open glide cracks are indicators of imminent danger. In addition, at high altitudes in extended east-facing terrain behind discontinuities there are snowdrift accumulations which in places can be triggered by 1 person, releases reaching medium-to-large size.

Snowpack structure

At high altitudes, isolated older snowdrift patches were generated by minor fresh snow and moderate W/NW winds, the drifts have not yet bonded with the snowpack surface. Windblown slopes and crests are often hard or icy, such danger zones are especially risky for falling. At intermediate and lower altitudes the snowpack is very moist-to-wet due to rain impact, can glide over smooth ground. An area-wide snowpack begins only above the treeline.

Weather

A cold front from the northwest will traverse the Eastern Alps on Saturday, bringing variable conditions to Styria. Clouds will veil the peaks in fog, some precipitation is expected, snowfall level in the Northern Alps at 2000 m, on the southern flank of the Alps at 2200 m. Weather will improve in the afternoon. The NW winds along the Niedere Tauern to the eastern Northern Alps will be moderate. At 2000 m: +1 degree; at 1500 m: +4 degrees (in the south +3 and +7 degrees).
On Sunday in the wake of the withdrawing cold front, dry air masses will move in. From the west, clouds will disperse, final showers are possible in NE Upper Styria. Winds will weaken. Temperatures will drop slightly.

Outlook

The snowdrift problem will recede. The gliding snow problem will persist.

Avalanche problems

Danger ratings

Expositions

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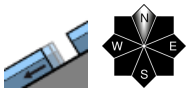
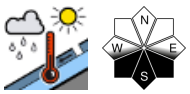
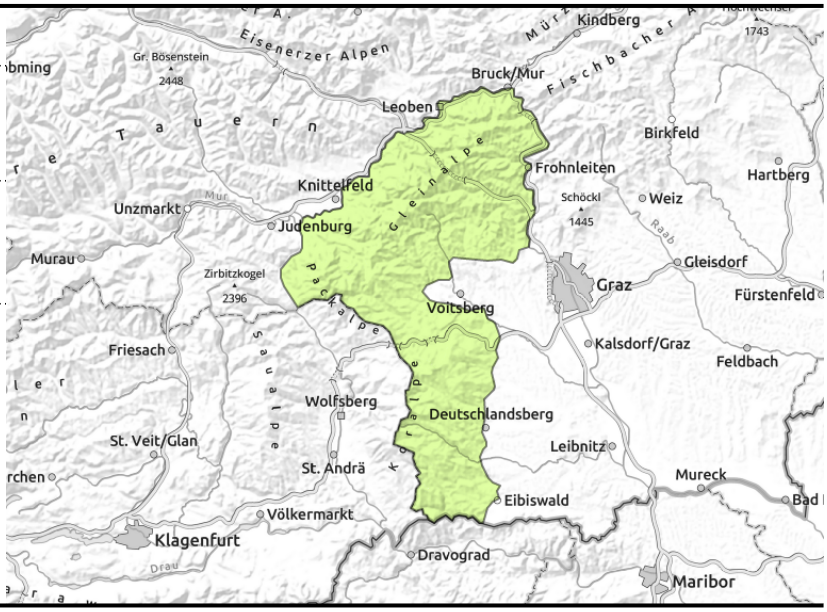
Das Land Steiermark

Koralpe, Stub- und Gleinalpe





in very isolated cases



Isolated glide-snow/wet-snow avalanches in steep terrain

Avalanche danger is generally low. On steep slopes in all aspects, naturally triggered glide-snow and wet-snow avalanches can be expected.

Snowpack structure

At high altitudes, older snowdrift accumulations have now bonded with the snowpack surface, tensions have decreased. At intermediate and lower altitudes the snowpack is very moist-to-wet due to rain impact, can glide over smooth ground. The slopes near Graz and Wechsel are mostly bare of snow.

Weather

A cold front from the northwest will traverse the Eastern Alps on Saturday, bringing variable conditions to Styria. Clouds will veil the peaks in fog, some precipitation is expected, snowfall level in the Northern Alps at 2000 m, on the southern flank of the Alps at 2200 m. Weather will improve in the afternoon. The NW winds along the Niedere Tauern to the eastern Northern Alps will be moderate. At 2000 m: +1 degree; at 1500 m: +4 degrees (in the south +3 and +7 degrees).
On Sunday in the wake of the withdrawing cold front, dry air masses will move in. From the west, clouds will disperse, final showers are possible in NE Upper Styria. Winds will weaken. Temperatures will drop slightly.

Outlook

Avalanche danger will remain low

Avalanche problems

Danger ratings

Expositions

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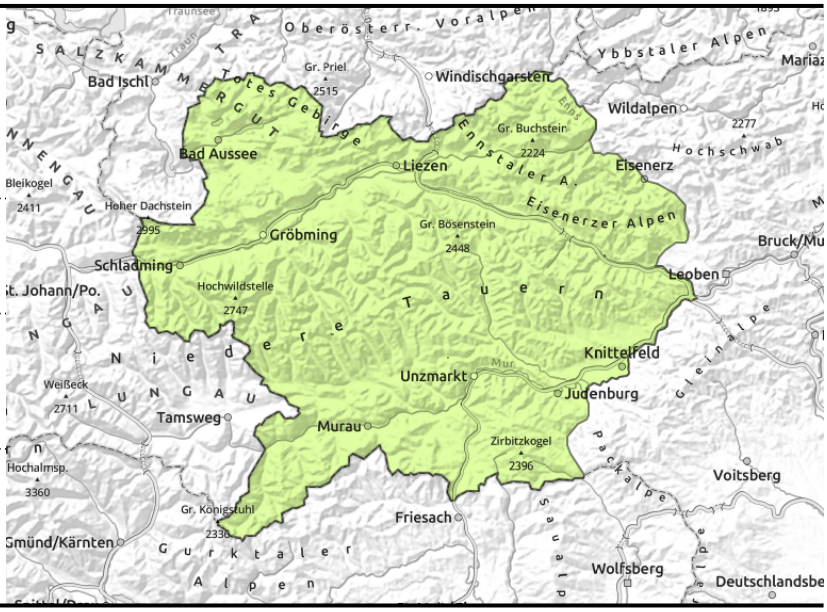
Schladminger Tauern Nord, Dachsteingebiet, Totes Gebirge, Nördliche Wölzer Tauern, Schladminger Tauern Süd, Gurktaler Alpen, Südliche Wölzer Tauern, Gaaler Alpen, Triebener Tauern, Rottenmanner Tauern, Ennstaler Alpen, Seetaler Alpen, Eisenerzer Alpen



1

possible at any time of day or night in all aspects up to 2400 m

very isolated, behind discontinuities in the terrain

Very isolated not yet settled snowdrifts at high altitudes, glide-snow avalanches in steep terrain

Isolated danger zones for trigger-prone snowdrift accumulations occur in shady terrain above 2200 m, esp. on east-facing steep slopes caution is urged, large additional loading can trigger small-to-medium slab avalanches. In addition, on steep slopes in all aspects naturally triggered glide-snow and wet-snow avalanches can be expected. Open glide cracks are indicators of imminent danger.

Snowpack structure

Due to starkly rising temperatures and solar radiation from Friday, the fresh snow that fell at the beginning of the week has settled by and large. The evident weak layers have dissolved except on high-altitude shady slopes. After a night of mostly clear skies on Friday, a superficial melt-freeze crust will form, then on Saturday swiftly soften. The snowpack is moist-to-wet. In steep terrain on smooth ground the snowpack glides away up to high altitudes. An area-wide snowpack exists only above the treeline.

Weather

A cold front from the northwest will traverse the Eastern Alps on Saturday, bringing variable conditions to Styria. Clouds will veil the peaks in fog, some precipitation is expected, snowfall level in the Northern Alps at 2000 m, on the southern flank of the Alps at 2200 m. Weather will improve in the afternoon. The NW winds along the Niedere Tauern to the eastern Northern Alps will be moderate. At 2000 m: +1 degree; at 1500 m: +4 degrees (in the south +3 and +7 degrees).
On Sunday in the wake of the withdrawing cold front, dry air masses will move in. From the west, clouds will disperse, final showers are possible in NE Upper Styria. Winds will weaken. Temperatures will drop slightly.

Outlook

Snowdrift problem receding. Gliding snow problem persists.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions