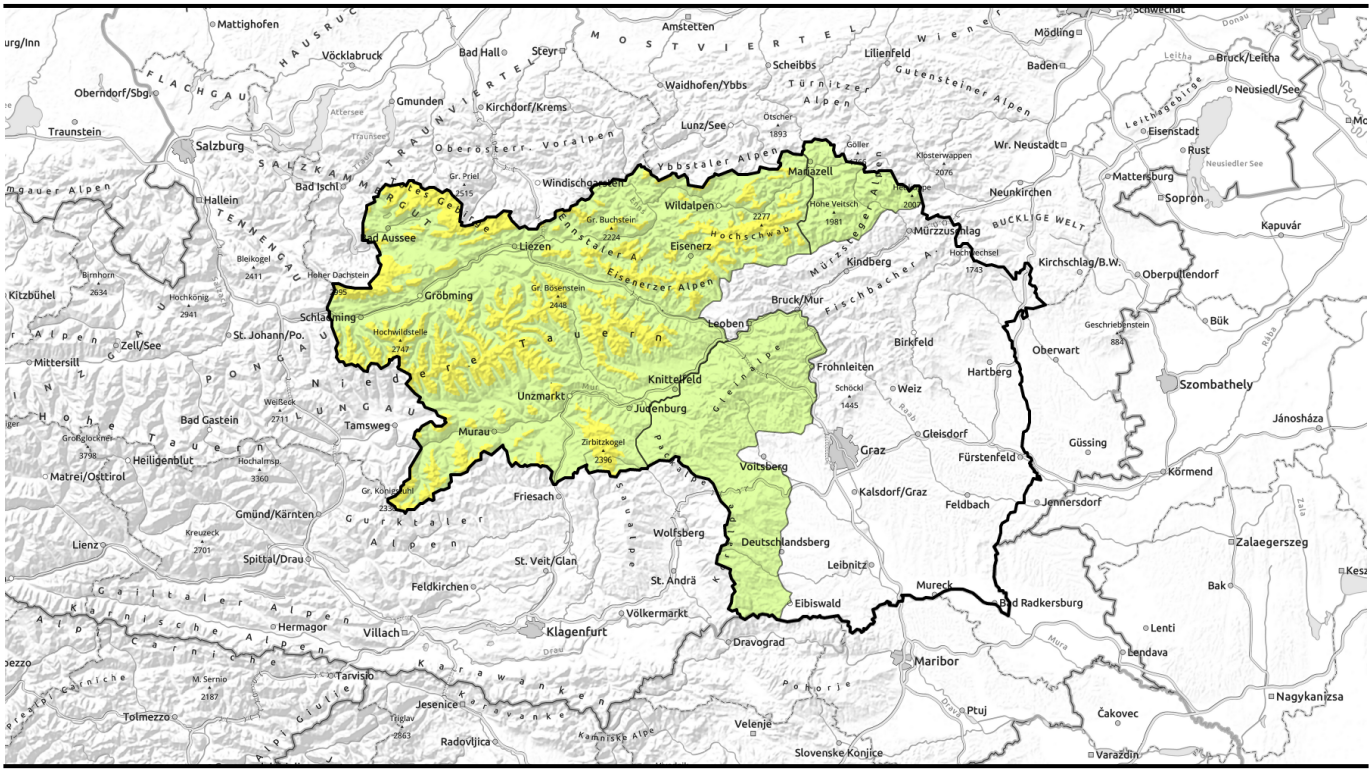
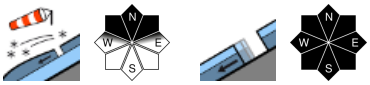
Report from 27.03.2024, 18:00 h *by Lawinenwarndienst Steiermark*

valid until: Thursday, 28.03.2024, 18:00 h

Das Land Steiermark



Stormy conditions. Snowdrifts in extended north-facing terrain.

2 1 timberline	Schladminger Tauern Süd, Südliche Wölzer Tauern, Triebener Tauern, Eisenerzer Alpen, Ennstaler Alpen, Rottenmanner Tauern, Nördliche Wölzer Tauern, Totes Gebirge, Dachsteingebiet, Schladminger Tauern Nord, Hochschwabgebiet, Gaaler Alpen, Seetaler Alpen, Gurktaler Alpen	
1	Stub- und Gleinalpe, Koralpe, Mürzsteger Alpen	

Avalanche problems

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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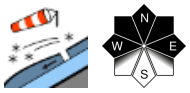
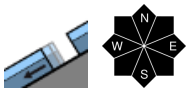
Schladminger Tauern Süd, Südliche Wölzer Tauern, Triebener Tauern, Eisenerzer Alpen, Ennstaler Alpen, Rottenmanner Tauern, Nördliche Wölzer Tauern, Totes Gebirge, Dachsteingebiet, Schladminger Tauern Nord, Hochschwabgebiet, Gaaler Alpen, Seetaler Alpen, Gurktaler Alpen

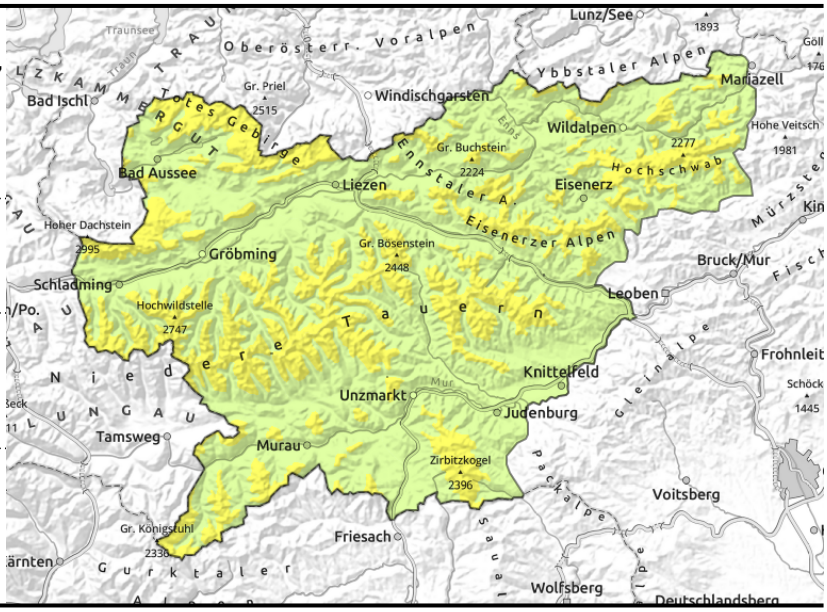
timberline



size and frequency of snowdrifts increase with ascending altitude



on steep grass-covered slopes at any time of day or night



Beware snowdrifts on high-altitude shady slopes

Avalanche danger above the treeline is moderate, below that altitude danger is low. Due to strong southerly foehn winds, fresh snowdrift accumulations are being generated on north-facing slopes: attention required. Danger zones increase with ascending altitude, occur behind discontinuities and in gullies and bowls on W/N/E facing slopes, also distant from ridges, slabs can be triggered by 1 person and can be medium-sized.

Danger of glide-snow avalanches rising in steep sunny grass-covered terrain at all altitudes. Avoid zones below glide cracks. On sunny slopes, isolated small-to-medium naturally triggered loose-snow avalanches possible in steep rocky terrain.

Snowpack structure

On Wednesday night from Gurktal and Seetal Alps to Niedere Tauern : up to 15 cm of snow fell, transported by stormy southerly foehn winds to leeward slopes. Weak layers exist (loose layers & faceted forms) in transitions to the snow base and drifts. Isolated more deeply embedded weak layers near crusts are evident on shady slopes in isolated cases.

Due to rainfall and warmth the snowpack rapidly becomes moist and forfeits its firmness. Increasing moistness down to the ground leads to gliding activity of the entire snowpack. The slopes are becoming bare of snow.

Weather

Following the precipitation on Wednesday night, sunshine widespread on Thursday morning but with strong-to-stormy southerly foehn winds. In afternoon, heavy clouds will move in, showers will be prevalent, winds will shift to NW and temperatures will drop. On Thursday evening, snowfall down to 1000 m. At 2000 m: 0 degrees; at 1500 m: +5 degrees, below zero in the evening.

Outlook

On Good Friday, very sunny, mild, quite windy. Main problem: snowdrifts.

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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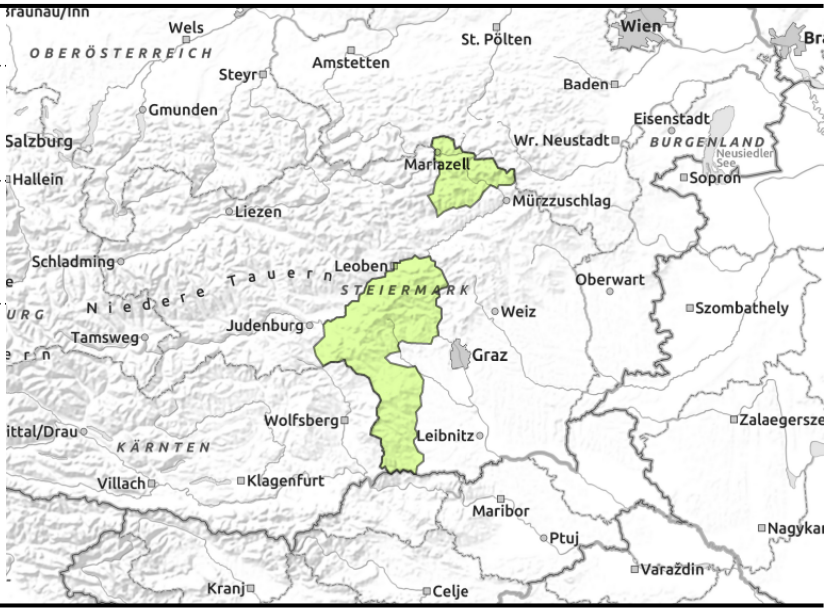
Stub- und Gleinalpe, Koralpe, Mürzsteger Alpen

1

small/thin snowdrift patches

in very isolated cases



Low avalanche danger - but isolated danger zones

Avalanche danger is low, but avalanches cannot be ruled out. Fresh snowdrift patches will be generated by southerly winds, depositing new drifts on extended north-facing slopes, these can release small slab avalanches. In addition, from steep slopes which have not yet discharged in all aspects, isolated glide-snow avalanches are still possible.

Snowpack structure

Atop a mostly compact old snowpack, small fresh snowdrift patches have been deposited on north-facing slopes. Bonding to the old snowpack is often poor. In addition, warmth and radiation (also diffuse) are destabilizing the fresh layer of snow. The base is isotherm up to high altitudes and is gliding over smooth ground.

Weather

Following the precipitation on Wednesday night, sunshine widespread on Thursday morning but with strong-to-stormy southerly foehn winds. In afternoon, heavy clouds will move in, showers will be prevalent, winds will shift to NW and temperatures will drop, esp. in the Northern Alps. On Thursday evening, snowfall down to 1000 m. At 2000 m: 0 degrees; at 1500 m: +5 degrees, below zero in the evening.

Outlook

On Good Friday, very sunny, mild, quite windy. Main problem: snowdrifts.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

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