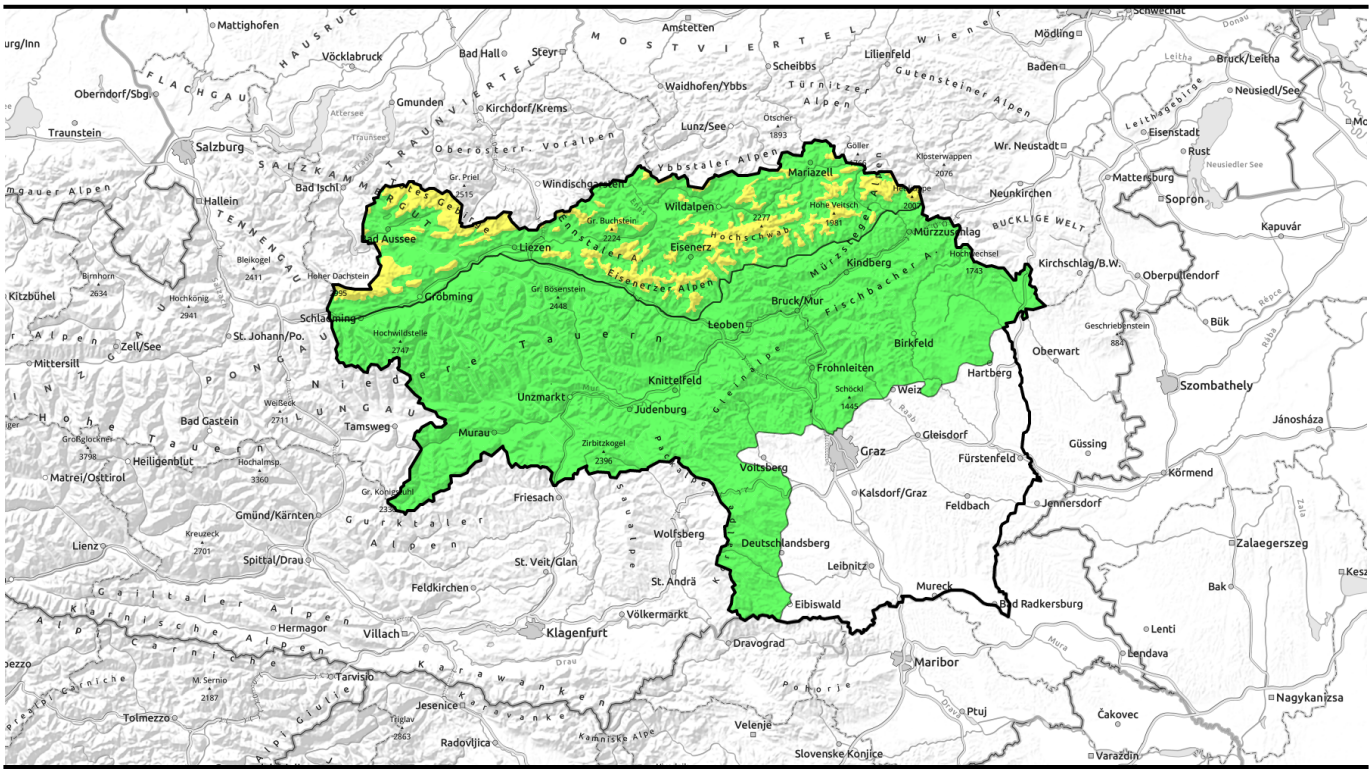
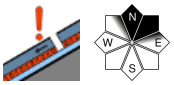
Avalanche report from 18.01.2022, 18:00 h *by Studeregger Arnold*

19.01.2022

Das Land Steiermark



Intermediate high: snowdrifts in the Northern Alps

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

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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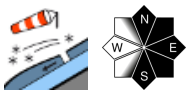
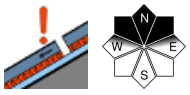
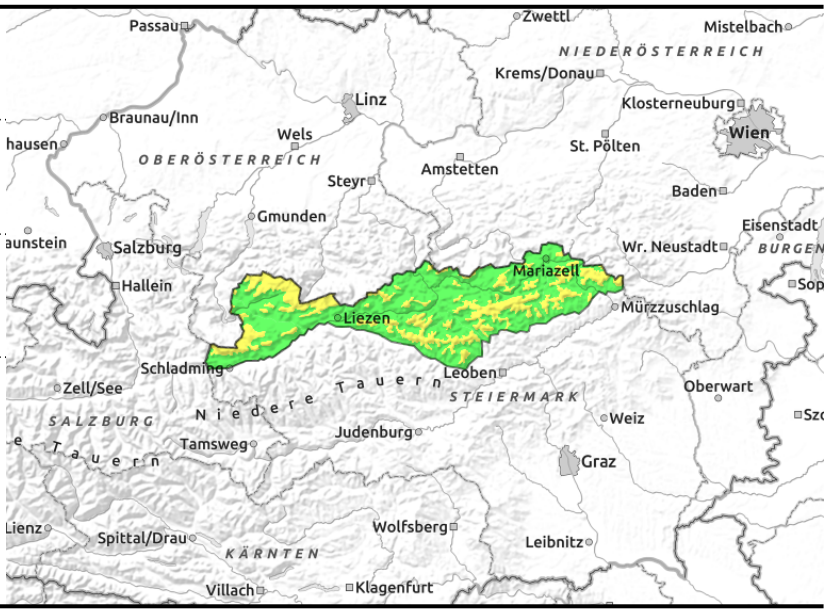
Dachsteingebiet, Mürzsteger Alpen, Hochschwabgebiet, Eisenerzer Alpen, Ennstaler Alpen, Totes Gebirge

timberline



behind protruberances





Cold, fresh snowdrift accumulations

Avalanche danger in the Northern Alps and in the Hochschwab region is moderate above the treeline. Storm winds plus fresh snow have led to snow transport. Caution urged in N/E/S aspects, where slabs can be triggered even by minimum additional loading, which in turn can sweep away deeper down layers of the snowpack. Fresh cornices are instable, can trigger. As a result of solar radiation, loose-snow avalanches can trigger naturally in steep rough and rocky terrain.

Snowpack structure

From Dachstein to Hochschwab, an additional 10 cm of fresh snow was registered. The fresh snow and fresh drifts now blanket surface hoar in wind-protected zones. The old snowpack at high altitudes is often weakened by faceted crystals near melt-freeze crusts in the snowpack: these are weak layers!

Weather

An intermediate high-pressure front will bring lots of sunshine and mostly cloudless skies. Quite mild. Winds will be light to moderate from the west. At 2000 m: 0 degrees.

Outlook

On Thursday a cold front coming from the north will bring lower temperatures, very stormy winds, and snowfall. From Dachstein to the Gesäuse and Hochschwab the snowfall will be more frequent. Further south, only a bit of snowfall. Avalanche danger will increase.

Avalanche problems

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

Danger ratings

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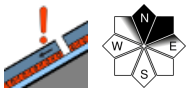
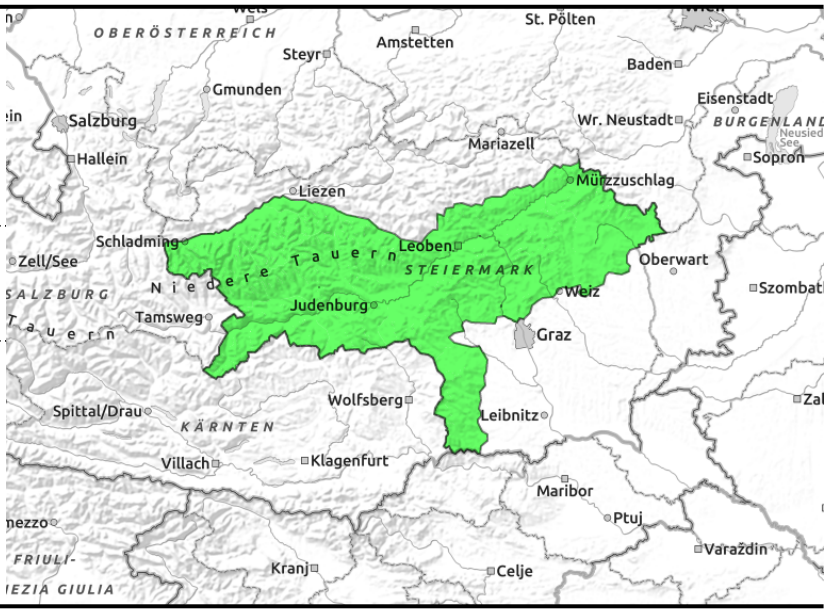


in gullies, steep bowls



Caution in northern aspects: persistent weak layer

Isolated danger zones on extremely steep north-facing slopes. Stormy (sometimes gale) winds will generate small snowdrift patches in eastern and southern aspects
Older snowdrifts can trigger by large additional loading.

Snowpack structure

The snowpack was able to settle well. The old snowpack at high altitudes is being weakened in places by faceted crystals, elsewhere the snowpack is hardened and icy. Some snowdrifts at high altitudes were deposited atop the hardened old snowpack surface or on a layer of surface hoar.

Weather

An intermediate high-pressure front will bring lots of sunshine and mostly cloudless skies. Quite mild. Winds will be light to moderate from the west. At 2000 m: 0 degrees.

Outlook

On Thursday a cold front coming from the north will bring lower temperatures, very stormy winds, and snowfall. From Dachstein to the Gesäuse and Hochschwab the snowfall will be more frequent. Further south, only a bit of snowfall. Avalanche danger will not change significantly.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions