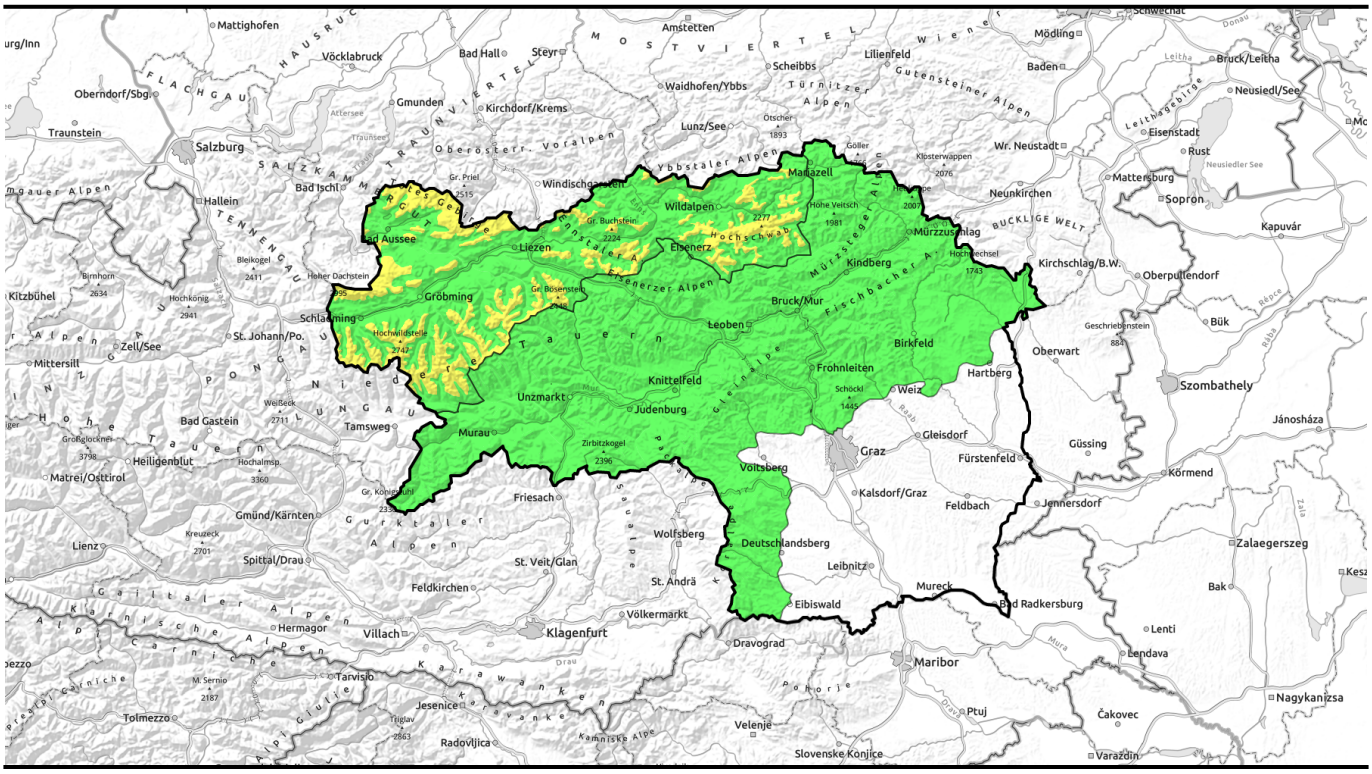
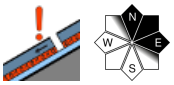
Avalanche report from 22.12.2021, 18:00 h *by Studeregger Arnold*

23.12.2021

Das Land Steiermark



Persistent weak layer

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

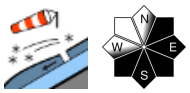
Expositions

Avalanche report from 22.12.2021, 18:00 h *by Studeregger Arnold*

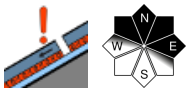
23.12.2021

Rottenmanner Tauern, Schladminger Tauern Süd, Schladminger Tauern Nord, Dachsteingebiet, Totes Gebirge, Ennstaler Alpen, Hochschwabgebiet, Nördliche Wölzer Tauern

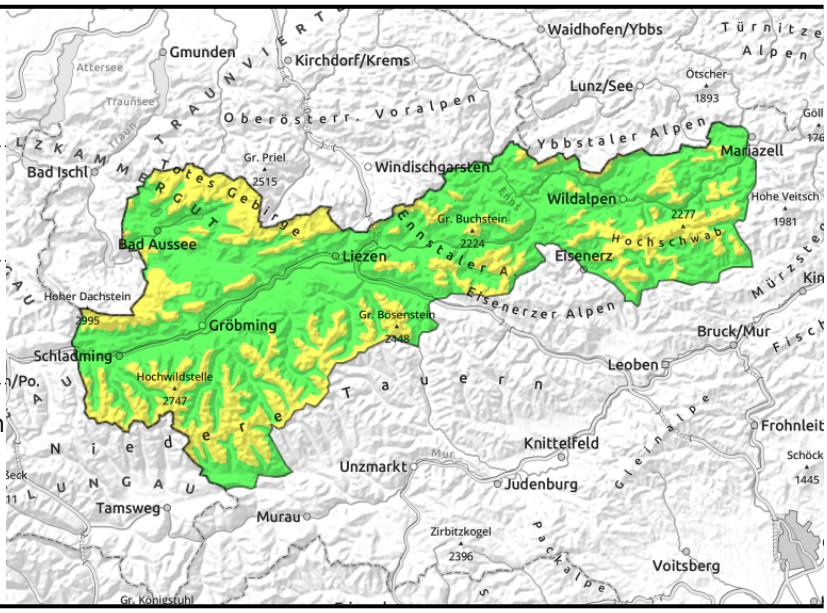
timberline



above timberline



in shady and high-alpine terrain



Snowdrifts + persistent weak layer

Avalanche prone locations where large additional loading can trigger a slab are located on leeward slopes behind protruberances, on steep slopes and at entries to gullies and bowls. At high altitudes in northern aspects in shady terrain, e.g. gullies, slab avalanches can be triggered (persistent weak layer). In steep rocky and rough terrain, loose-snow slides are possible.

Snowpack structure

At high altitudes at hard / icy surface has formed atop which the fresh snowdrifts are being deposited. Beneath it the snowpack fundament is compact, has few weak layers which are relevant. Above the treeline on shady slopes the process of expansive metamorphosis is continuing, the snowpack evidences increasingly frequently faceted crystals, is forfeiting its firmness and losing its hold.

Weather

On Thursday morning, extensive sunshine in some regions, clouds will increase by the hour and in the afternoon heavy cloud cover will dominate. Summits will remain free until sundown. The W/NW winds will intensify during the daytime, reaching storm strength in exposed terrain. Temperatures will rise: 0 degrees at 2000 m at midday.

Outlook

Avalanche danger will increase somewhat.

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

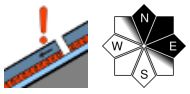
Expositions

Avalanche report from 22.12.2021, 18:00 h *by Studeregger Arnold*

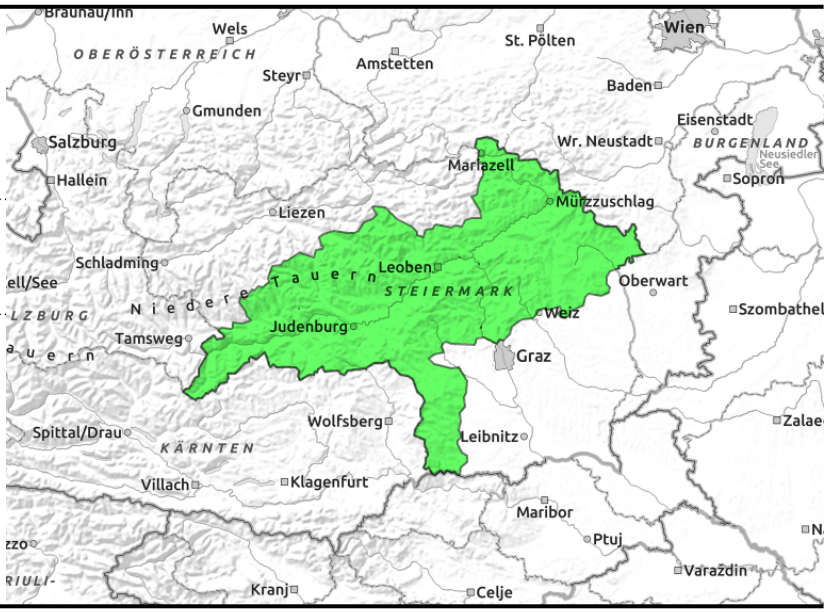
23.12.2021

Das Land Steiermark

Westliche Fischbacher Alpen und Grazer Bergland, Mürztaler Alpen, Östliche Fischbacher Alpen und Wechselgebiet, Stub- und Gleinalpe, Koralpe, Seetaler Alpen, Gurktaler Alpen, Mürzsteger Alpen, Seckauer Tauern, Südliche Wölzer Tauern, Eisenerzer Alpen



thin, small snowdrift masses, triggerable only in few spots in steep terrain



Generally low avalanche danger

Low avalanche danger in general, but attentiveness urged towards snowdrift patches in landscape concavities which are poorly bonded with the snowbase beneath them, in these danger zones isolated small slab avalanches can be triggered. In shady terrain above the timberline there is a persistent weak layer. Slab avalanches cannot be ruled out. Caution urged towards the peril of falling on icy surfaces.

Snowpack structure

At high altitudes the surface is hardened and icy or wind-pressed, beneath that the fundament is compact and without avalanche-relevant weak layers.
Above 1500 m on shady slopes the snowpack is metamorphosing expansively, the snowpack consists of more and more faceted crystals, it is forfeiting its firmness and losing its base.

Weather

On Thursday morning, extensive sunshine in some regions, clouds will increase by the hour and in the afternoon heavy cloud cover will dominate. Summits will remain free until sundown. The W/NW winds will intensify during the daytime, reaching storm strength in exposed terrain. Temperatures will rise: 0 degrees at 2000 m at midday.

Outlook

Avalanche danger is expected to 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