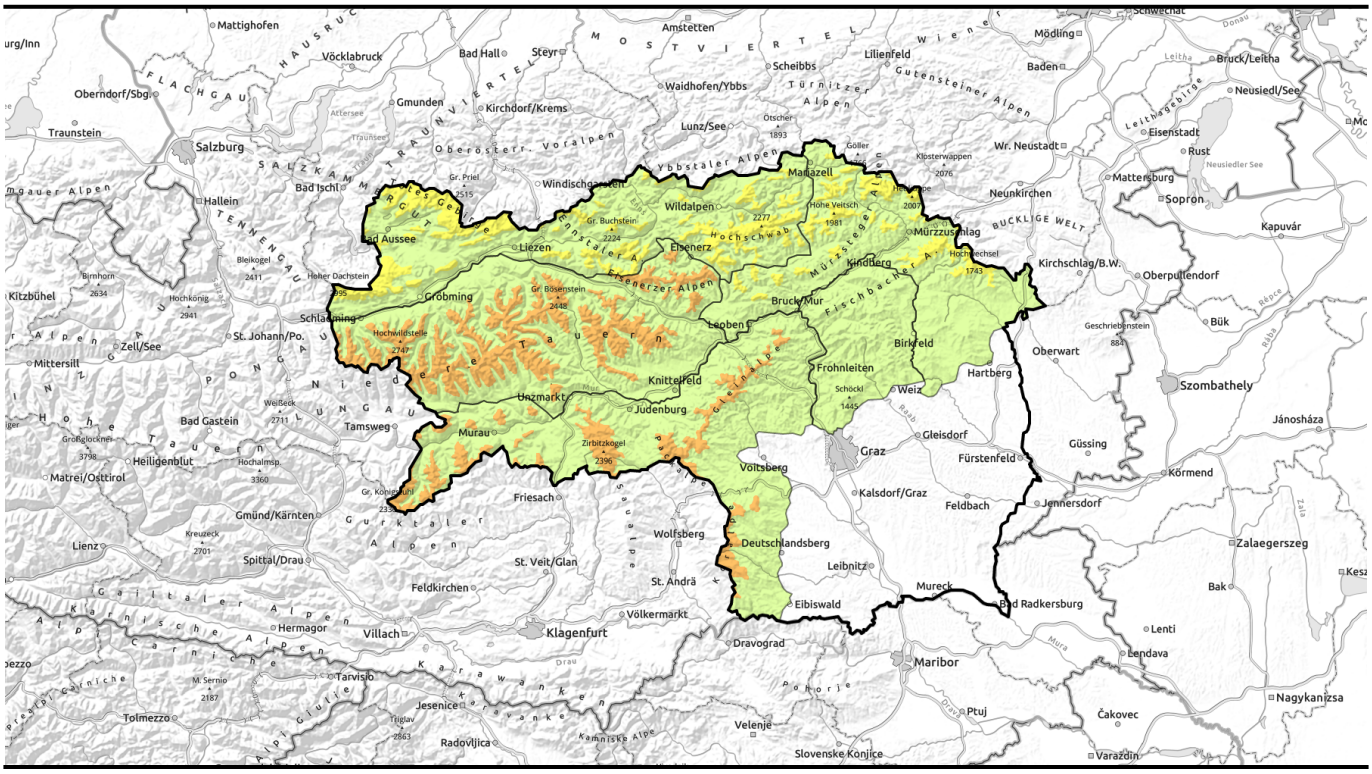
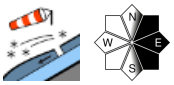
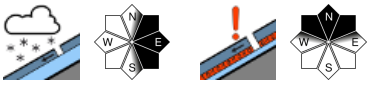
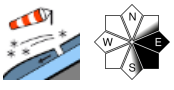
published at 19.01.2023, 18:00 h *by Studeregger Arnold*

Avalanche report for Friday, 20.01.2023

Das Land Steiermark



Fresh snow in Northern Alps and Niedere Tauern

3 / 1 timberline	Schladminger Tauern Nord, Nördliche Wölzer Tauern, Schladminger Tauern Süd, Südliche Wölzer Tauern, Rottenmanner Tauern, Seckauer Tauern, Eisenerzer Alpen	
2 / 1 timberline	Mürztaler Alpen, Mürzsteger Alpen, Östliche Fischbacher Alpen und Wechselgebiet	
3 / 1 timberline	Koralpe, Stub- und Gleinalpe, Seetaler Alpen, Gurktaler Alpen	
2 / 1 timberline	Dachsteingebiet, Totes Gebirge, Ennstaler Alpen, Hochschwabgebiet	
1	Westliche Fischbacher Alpen und Grazer Bergland	

Avalanche problems

Danger ratings

Expositions

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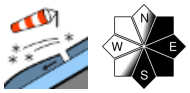
Avalanche report for Friday, 20.01.2023

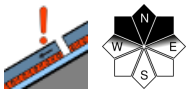
Das Land Steiermark

Schladminger Tauern Nord, Nördliche Wölzer Tauern, Schladminger Tauern Süd, Südliche Wölzer Tauern, Rottenmanner Tauern, Seckauer Tauern, Eisenerzer Alpen

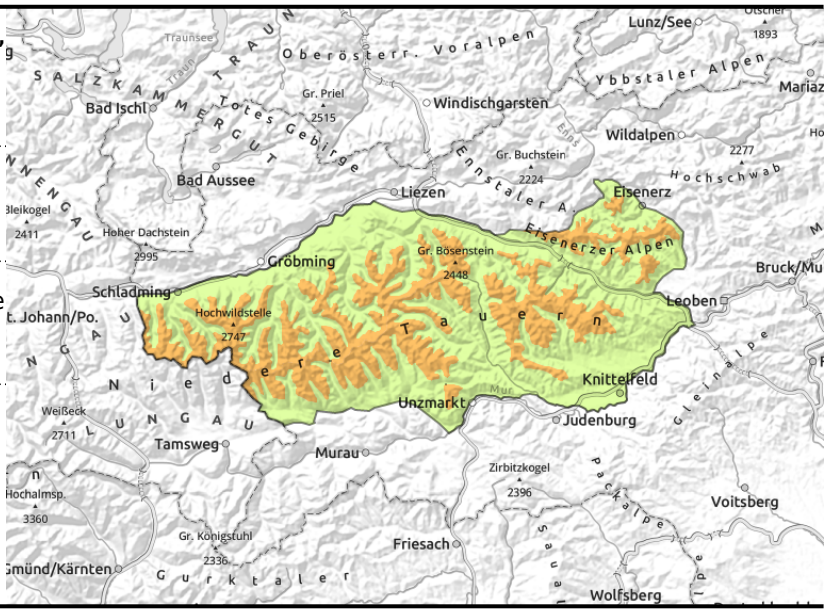
timberline



deposited atop an unfavourable snow base, near ridgelines



on north-facing slopes



Wind-loaded east-facing slopes. Fresh snowdrift accumulations.

Avalanche danger above the treeline is considerable. Danger zones are located in ridgeline terrain and behind abrupt discontinuities in the terrain. Particular caution is urged on high altitude north and east-facing slopes. Fresh snowdrifts have been deposited on top of an unfavourable old snowpack surface (persistent weak layer) on east-facing slopes. The drifts should not be underestimated at high altitudes! A slab release is possible even with minimum additional loading. Caution urged towards fresh cornices, they are easily triggered.

Snowpack structure

In the Niedere Tauern, 10-20 cm of cold snow has fallen. Winds from the northwest are strong. Fresh snowdrifts are being accumulated, deposited on east and south-facing slopes. The fresh drifts have blanketed the old snowdrifts, beneath which is a soft loose layer. Inside the fundament on shady slopes lies a sequence of melt-freeze crusts and faceted layers. This is a persistent weak layer problem! On sunny slopes the old snowpack is icy and hard. All in all, unfavourable snowpack layering.

Weather

Summit zones will be shrouded all day long in heavy cloud, light snowfall is expected in Upper Styria. Winds will be strong, especially in the afternoon at high altitudes. At 2000 m: -13 degrees, with the windchill added it seems far colder.
Little change in weather conditions is expected: heavy cloud, intermittent snowfall in Upper Styria. Strong winds from the northwest. The southern mountain massifs will probably remain dry.

Outlook

On Saturday, another 20 cm of fresh snowfall is expected, amid strong winds. Avalanche danger will remain considerable.

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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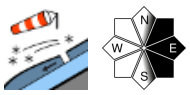
Avalanche report for **Friday, 20.01.2023**

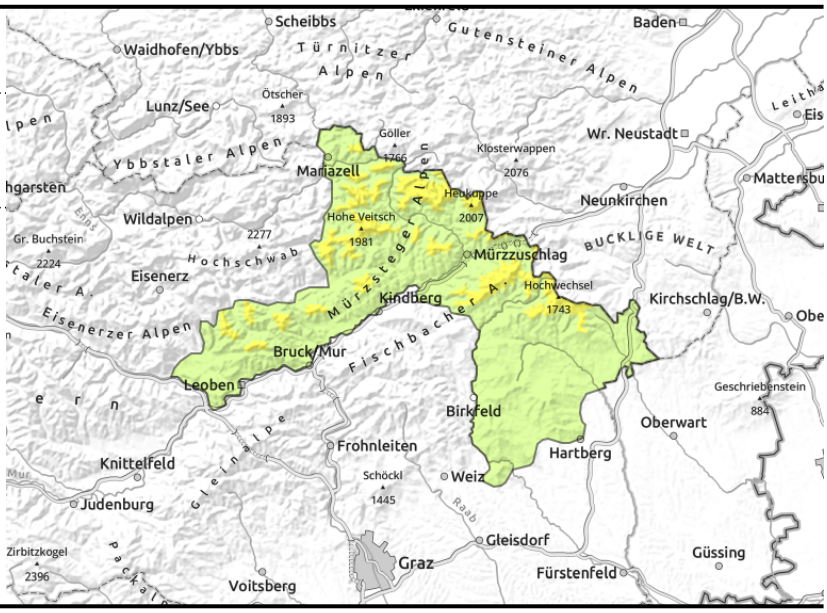
Das Land Steiermark

Mürztaler Alpen, Mürzsteger Alpen, Östliche Fischbacher Alpen und Wechselgebiet

timberline



near ridgelines, behind abrupt disconuities in the terrain



Some fresh snowdrifts on east-facing slopes

Avalanche danger continues to be MODERATE. The snowstorm on Thursday led to a rise in the frequency of danger zones. They occur near ridgelines on east-facing slopes where there is fresh snowdrift. On north-facing slopes at high altitudes, there is a persistent weak layer. Slabs are possible with large additional loading on N/E facing slopes: small to medium sized avalanches.

Snowpack structure

Snowdrift accumulations have been deposited on south-facing slopes atop a hardened old snowpack surface above the treeline. On north-facing slopes the old snowpack is unfavourably layered.

Weather

Summit zones will be shrouded all day long in heavy cloud, light snowfall is expected in Upper Styria. Winds will be strong, especially in the afternoon at high altitudes. At 2000 m: -13 degrees, with the windchill added it seems far colder.
Little change in weather conditions is expected: heavy cloud, intermittent snowfall in Upper Styria. Strong winds from the northwest. The southern mountain massifs will probably remain dry.

Outlook

It will remain cold. Little change in avalanche danger levels.

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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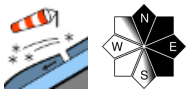
Avalanche report for Friday, 20.01.2023

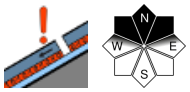
Das Land Steiermark

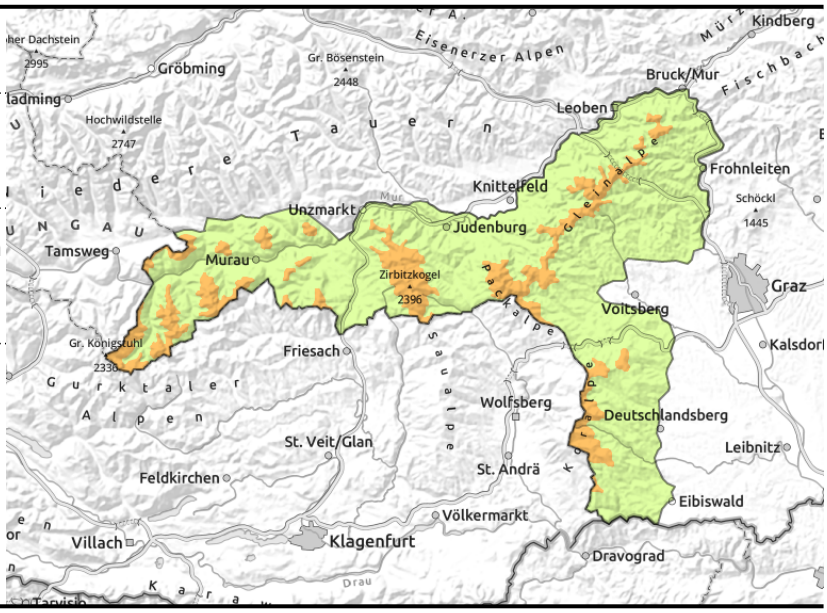
Koralpe, Stub- und Gleinalpe, Seetaler Alpen, Gurktaler Alpen

timberline



behind abrupt discontinuities in the terrain, distant from ridglines





Fresh snowdrifts on north and east-facing slopes

Avalanche danger levels in the Gurktal and Seetal Alps, on Stubalpe and on Koralpe are considerable. Fresh snowdrifts on north and east-facing slopes are the main danger. Icy NW winds will generate new snowdrift accumulations. Avalanche prone locations are found near ridglines and at entries into gullies and bowls. Triggering a slab avalanches is possible even by minimum additional loading. Caution urged towards fresh cornices, they are easily triggered.

Snowpack structure

Over the last 24 hours there has been 20 cm of fresh snow registered. The cold NW winds are depositing brittle new snowdrifts on extended east-facing slopes. Bonding of the fresh drifts to the old snowpack is insufficient. The old snowpack on north-facing slopes is weakened by expansive metamorphosis: persistent weak layer!

Weather

Summit zones will be shrouded all day long in heavy cloud, light snowfall is expected in Upper Styria. Winds will be strong, especially in the afternoon at high altitudes. At 2000 m: -13 degrees, with the windchill added it seems far colder.
Little change in weather conditions is expected: heavy cloud, intermittent snowfall in Upper Styria. Strong winds from the northwest. The southern mountain massifs will probably remain dry.

Outlook

Little change in avalanche danger levels

Avalanche problems

Danger ratings

Expositions

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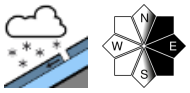
Avalanche report for Friday, 20.01.2023

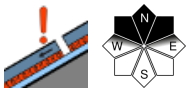
Das Land Steiermark

Dachsteingebiet, Totes Gebirge, Ennstaler Alpen, Hochschwabgebiet

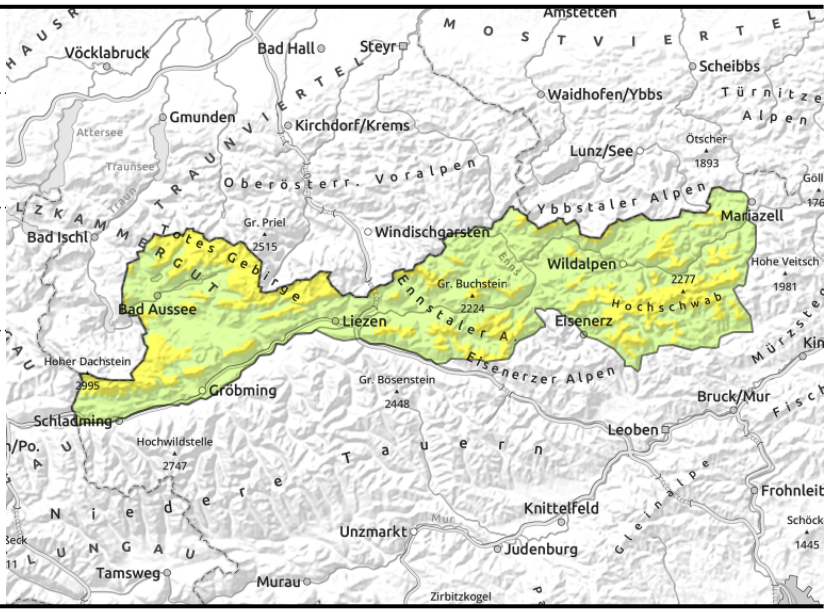
timberline



triggerable in transitions from shallow to deep snow



on north-facing slopes



Wind-loaded east-facing slopes

Avalanche danger above the treeline is moderate. Danger zones lies near ridgelines and behind abrupt discontinuities in the terrain. Special caution urged on north and east-facing slopes at high altitudes. On north-facing slopes: persistent weak layer. A slab release is possible even by minimum additional loading.

Snowpack structure

In the Northern Alps and Hochschwab region, 10-20 cm of fresh snowfall has been registered. In the Dachstein region and in the Ennstal Alps the snow fell with little wind. The fresh snow is unbonded and fluffy. Small ridgeline snowdrifts have accumulated. The fresh drifts blanket the older drifts, beneath which a loose layer of snow lies embedded.
Inside the fundament on shady slopes lies a sequence of melt-freeze crusts and faceted layers. This is a persistent weak layer problem! On sunny slopes the old snowpack is icy and hard.

Weather

Summit zones will be shrouded all day long in heavy cloud, light snowfall is expected in Upper Styria. Winds will be strong, especially in the afternoon at high altitudes. At 2000 m: -13 degrees, with the windchill added it seems far colder.
Little change in weather conditions is expected: heavy cloud, intermittent snowfall in Upper Styria. Strong winds from the northwest. The southern mountain massifs will probably remain dry.

Outlook

On Saturday, another 20 cm of fresh snowfall is expected, amid strong winds. Avalanche danger will remain considerable.

Avalanche problems

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

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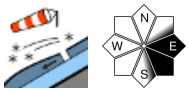
Avalanche report for Friday, 20.01.2023

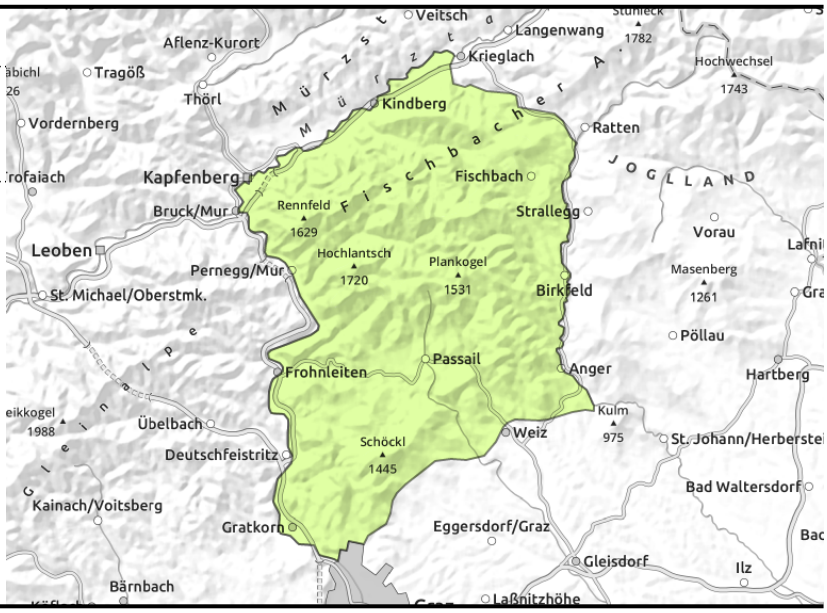
Das Land Steiermark

Westliche Fischbacher Alpen und Grazer Bergland

1



near ridgelines



Still little snow on the ground. Some drifts on east-facing slopes.

Avalanche danger is still LOW. Isolated danger zones are found near ridgelines. Slabs can be triggered by large additional loading on N/E facing slopes: small to medium sized releases are possible.

Snowpack structure

Snow depths in this region are still way below average. The shallow fresh snow has blanketed an old snowpack which is unfavourably layered.

Weather

Summit zones will be shrouded all day long in heavy cloud, light snowfall is expected in Upper Styria. Winds will be strong, especially in the afternoon at high altitudes. At 2000 m: -13 degrees, with the windchill added it seems far colder.
Little change in weather conditions is expected: heavy cloud, intermittent snowfall in Upper Styria. Strong winds from the northwest. The southern mountain massifs will probably remain dry.

Outlook

It will remain cold. Little change in avalanche danger levels.

Translated by Jeffrey McCabe, www.creativtrans.com

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