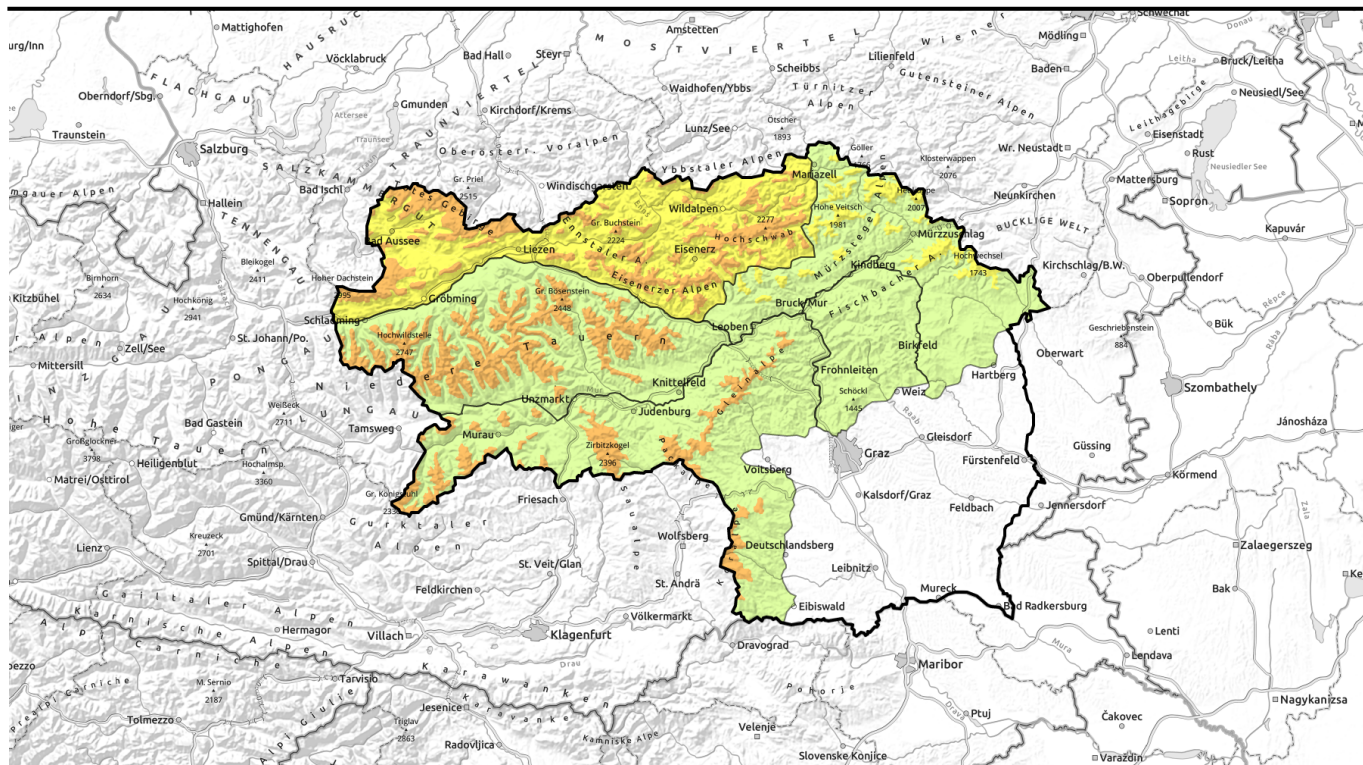


Avalanche report for Sunday, 22.01.2023



40-100 cm of fresh snow in northern barrier cloud regions. Snowdrift problem in the south. Mostly considerable avalanche danger.

	<p>timberline</p>	<p>Schladminger Tauern Nord, Nördliche Wölzer Tauern, Schladminger Tauern Süd, Südliche Wölzer Tauern, Rottenmanner Tauern, Seckauer Tauern</p>	
	<p>timberline</p>	<p>Mürztaler Alpen, Mürzsteiger Alpen, Östliche Fischbacher Alpen und Wechselgebiet</p>	
	<p>timberline</p>	<p>Koralpe, Stub- und Gleinalpe, Seetaler Alpen, Gurktaler Alpen</p>	
	<p></p>	<p>Westliche Fischbacher Alpen und Grazer Bergland</p>	
	<p>forestline</p>	<p>Dachsteingebiet, Totes Gebirge, Ennstaler Alpen, Eisenerzer Alpen, Hochschwabgebiet</p>	

Avalanche problems



Danger ratings

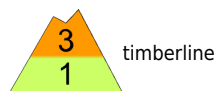


Expositions



Avalanche report for Sunday, 22.01.2023

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



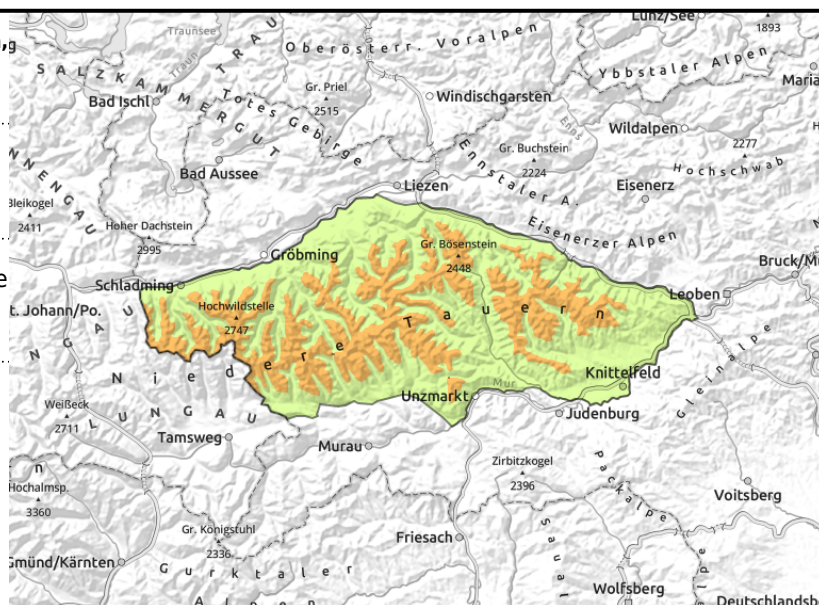
timberline



deposited atop an unfavourable snow base, near ridgelines



fresh snow, swiftly increasing with ascending altitude



Brittle snowdrift accumulations. Instable snowpack.

Avalanche danger above the treeline is considerable. Particular caution is urged on high altitude north and east-facing slopes. Danger zones are located in ridgeline terrain, distant from ridgelines and behind abrupt discontinuities in the terrain. Fresh, brittle snowdrifts have been deposited on top of an unfavourable old snowpack surface (persistent weak layer) on east-facing slopes. Glide cracks should be seen as signals of potential danger. The drifts should not be underestimated at high altitudes! A slab release is possible even with minimum additional loading. Poor visibility makes assessing dangers on-site more difficult. Loose-snow avalanches are possible even as the snow falls.

Snowpack structure

In Niedere Tauern, 20-30 cm of fresh snow has been registered over the last 24 hours. Winds have had great impact. Bonded snow lies atop a soft layer and is prone to triggering. Inside the old snowpack there are weak layers of faceted crystals.

Weather

The NW air current remains dominant, mountains are hung deep with clouds, between Dachstein and Hochschwab there could still be some snowfall in the morning. By Sunday afternoon, 20-30 cm of snowfall is expected. In the afternoon, winds will slacken off, precipitation ease, but cloud cover will remain. At high altitudes, temperatures are low: at 2000 m: -12 degrees. In forested zones, fluffy fresh snow is possible.

Outlook

On Monday, weather conditions will change, temperatures will rise slightly, heavy cloud cover will move into Styria from the east due to a low over Italy. Variable conditions will prevail, with heavy clouds, the peaks from Koralm to the rimline ranges will be shrouded in fog, in the western regions snowfall will be heavy and persistent. Stormy E/NW winds will be blowing. Further north, much less snowfall. The largest amounts of fresh snow are expected in the Gaaler Alps.

Avalanche problems



Danger ratings

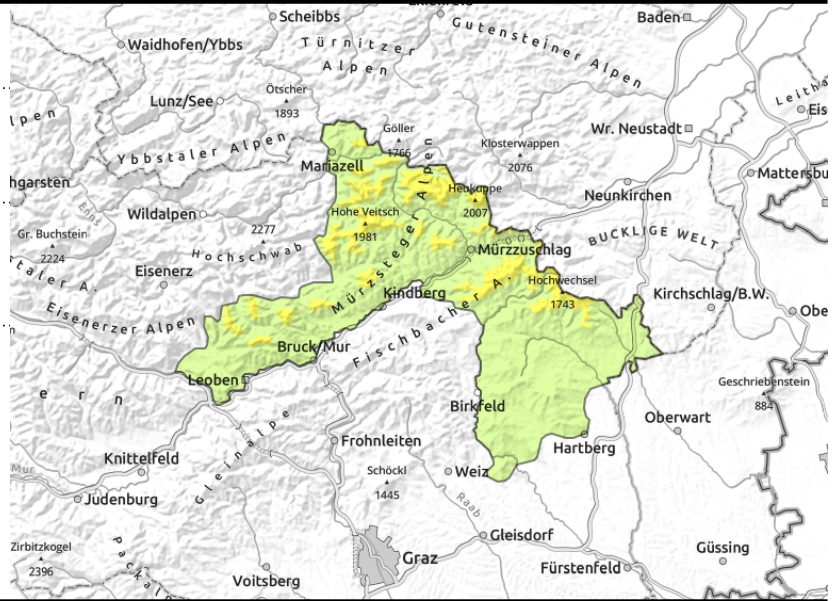
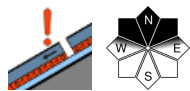
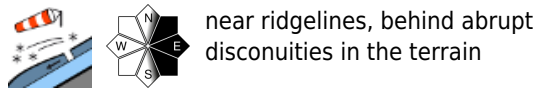


Expositions



Avalanche report for Sunday, 22.01.2023

Mürztaler Alpen, Mürzsteiger Alpen, Östliche Fischbacher Alpen und Wechselgebiet



Some fresh snowdrifts on east-facing slopes

Avalanche danger continues to be MODERATE. Danger zones occur near ridgelines on south and 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

In Mürzsteiger Alps, 20 cm of fresh snow has been registered. In the Wechsel region, much less. The cold northerly winds have transported the fresh snow. Snowdrifts lie deposited on north-facing slopes atop an unfavourably layered snowpack surface. On sunny slopes the old snowpack is hardened.

Weather

The NW air current remains dominant, mountains are hung deep with clouds, between Dachstein and Hochschwab there could still be some snowfall in the morning. By Sunday afternoon, 20-30 cm of snowfall is expected. In the afternoon, winds will slacken off, precipitation ease, but cloud cover will remain. At high altitudes, temperatures are low: at 2000 m: -12 degrees. In forested zones, fluffy fresh snow is possible.

Outlook

On Monday, weather conditions will change, temperatures will rise slightly, heavy cloud cover will move into Styria from the east due to a low over Italy. Variable conditions will prevail, with heavy clouds, the peaks from Koralm to the rimline ranges will be shrouded in fog, in the western regions snowfall will be heavy and persistent. Stormy E/NW winds will be blowing. Further north, much less snowfall. In the Wechsel region, avalanche danger levels are expected to increase.

Avalanche problems



Danger ratings



Expositions



Avalanche report for Sunday, 22.01.2023

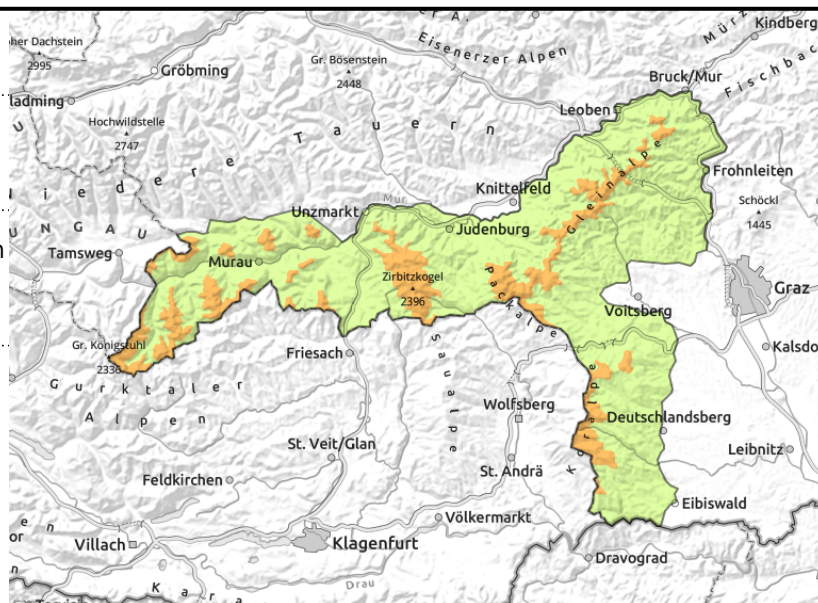
Koralpe, Stub- und Gleinalpe, Seetaler Alpen, Gurktaler Alpen



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. The snowdrift accumulation masses should not be underestimated.

Snowpack structure

Cold NW winds have transported the fresh snow from the most recent bout of precipitation. Bonding to the old snowpack is insufficient. The old snowpack on north-facing slopes is weakened by expansive metamorphosis: persistent weak layer!

Weather

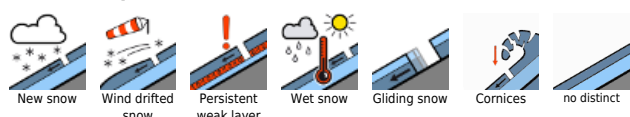
The NW air current remains dominant, mountains are hung deep with clouds, between In the afternoon, winds will slacken off, precipitation ease, but cloud cover will remain. At high altitudes, temperatures are low: at 2000 m: -12 degrees.

Outlook

Avalanche danger on Monday will increase.

On Monday, weather conditions will change, temperatures will rise slightly, heavy cloud cover will move into Styria from the east due to a low over Italy. Variable conditions will prevail, with heavy clouds, the peaks from Koralm to the rimline ranges will be shrouded in fog, in the western regions snowfall will be heavy and persistent. Stormy E/NW winds will be blowing. Further north, much less snowfall.

Avalanche problems



Danger ratings

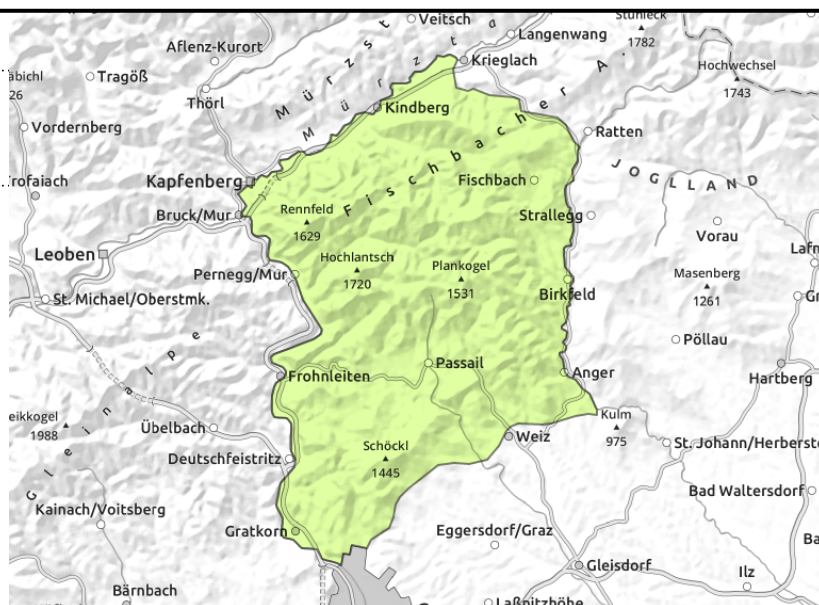
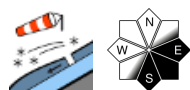


Expositions



Avalanche report for Sunday, 22.01.2023

Westliche Fischbacher Alpen und Grazer Bergland



No change in avalanche danger levels

Avalanche danger is low. Danger zones lie on east-facing slopes near ridgelines where there are snowdrifts. Special caution urged on north-facing slopes at high altitudes: a persistent weak layer. A slab release is possible even by large additional loading, small-to-medium avalanches are possible.

Snowpack structure

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

Weather

The NW air current remains dominant, mountains are hung deep with clouds, between In the afternoon, winds will slacken off, precipitation ease, but cloud cover will remain. At high altitudes, temperatures are low: at 2000 m: -12 degrees.

Outlook

Avalanche danger on Monday will increase.

On Monday, weather conditions will change, temperatures will rise slightly, heavy cloud cover will move into Styria from the east due to a low over Italy. Variable conditions will prevail, with heavy clouds, the peaks from Koralm to the rimline ranges will be shrouded in fog, in the western regions snowfall will be heavy and persistent. Stormy E/NW winds will be blowing. Further north, much less snowfall.

Avalanche problems



Danger ratings

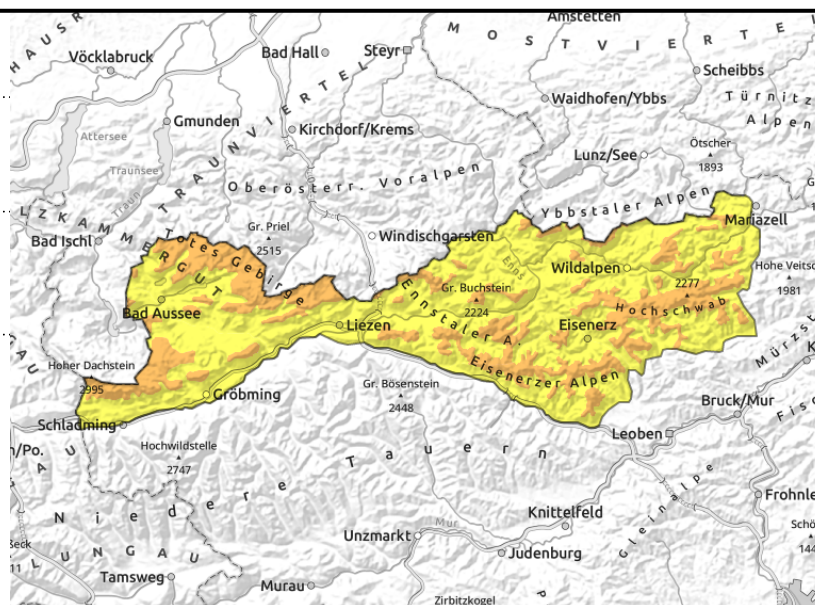
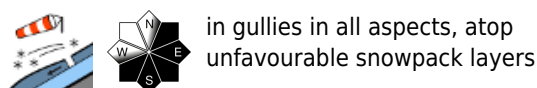


Expositions



Avalanche report for Sunday, 22.01.2023

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



Lots of fresh snow

Avalanche danger from Dachstein over Totes Gebirge to Hochschwab is considerable above the treeline. Below the treeline danger is moderate. Danger zones occur near to and distant from ridgelines in E/S facing terrain. Gullies and bowls in all aspects have been laterally wind-loaded. Glide-cracks are signals of potential danger. A slab avalanche can be triggered even by minimum additional loading.

As a result of further snowfall, naturally triggered loose-snow avalanches are possible in steep rocky and rough terrain. Also naturally triggered large-sized slab avalanches cannot be ruled out.

Snowpack structure

Over the last 24 hours from Dachstein to Hochschwab, 40-100 cm of fresh snow has been registered. The greatest amounts fell in Totes Gebirge. Strong-to-stormy NW winds were blowing, fresh snowdrifts were deposited on E/S facing slopes. Weak layers are evident inside the snowpack and inside the layer of fresh fallen snow. The old snowpack on north-facing slopes is expansively metamorphosed (faceted). On south-facing slopes the fundament is hard. In forest zones there is cold, unbonded fresh fallen snow.

Weather

The NW air current remains dominant, mountains are hung deep with clouds, between In the afternoon, winds will slacken off, precipitation ease, but cloud cover will remain. At high altitudes, temperatures are low: at 2000 m: -12 degrees.

Outlook

Avalanche danger on Monday will increase, the snowdrift problem will persist. On Monday, weather conditions will change, temperatures will rise slightly, heavy cloud cover will move into Styria from the east due to a low over Italy. Variable conditions will prevail, with heavy clouds, the peaks from Koralm to the rimline ranges will be shrouded in fog, in the western regions snowfall will be heavy and persistent. Stormy E/NW winds will be blowing. Further north, much less snowfall.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



Danger ratings



Expositions

