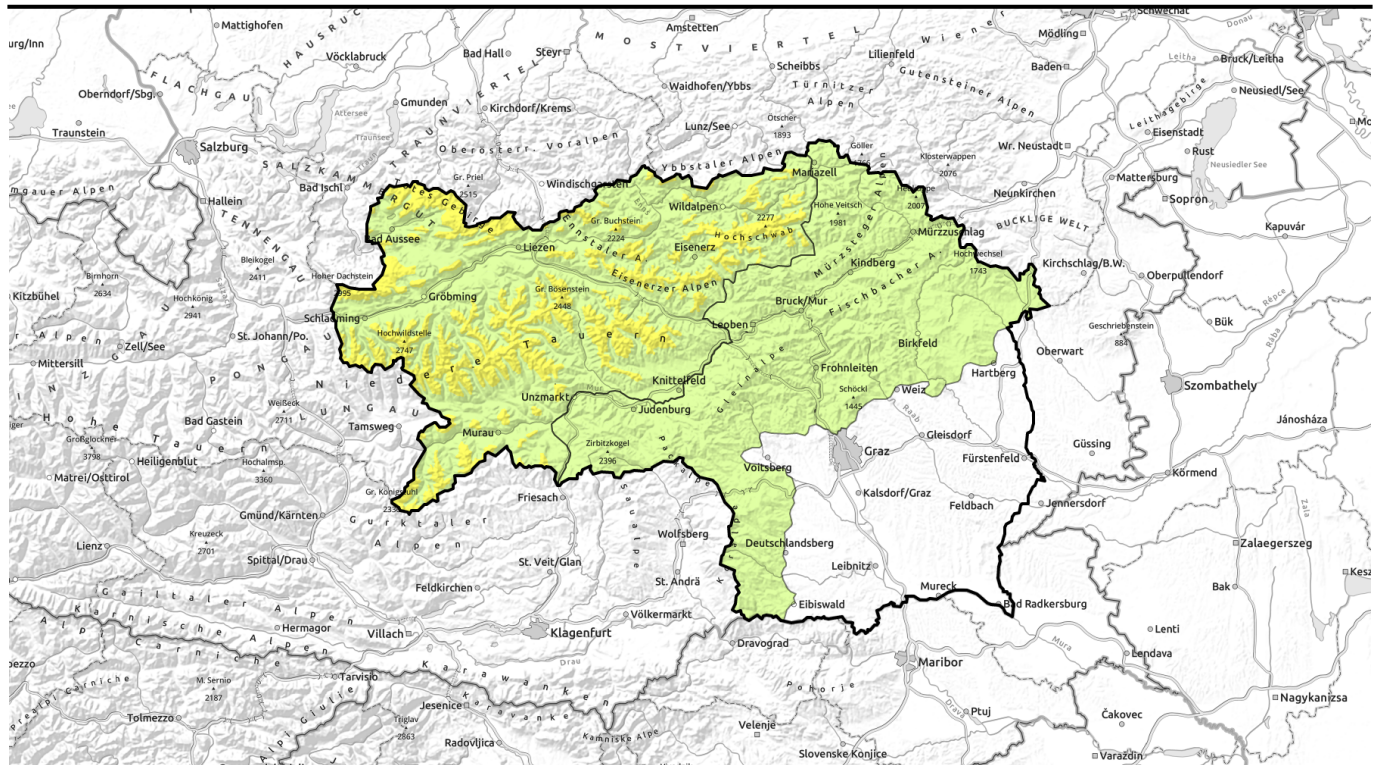



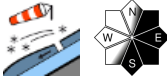


Avalanche report for Tuesday, 10.01.2023



Northern barrier clouds - Storm - Freshly generated snowdrifts - CAUTION on north-facing slopes!

- | | | |
|---|---|---|
|  <p>2
1 forestline</p> | <p>Totes Gebirge, Dachsteingebiet, Schladminger Tauern Nord, Nördliche Wölzer Tauern, Rottenmanner Tauern, Ennstaler Alpen, Hochschwabgebiet, Eisenerzer Alpen, Südliche Wölzer Tauern, Schladminger Tauern Süd, Seckauer Tauern, Gurktaler Alpen</p> |  |
|  <p>1</p> | <p>Mürzsteiger Alpen, Mürztaler Alpen, Östliche Fischbacher Alpen und Wechselgebiet, Westliche Fischbacher Alpen und Grazer Bergland, Stub- und Gleinalpe, Korralpe, Seetaler Alpen</p> |  |

Avalanche problems



Danger ratings

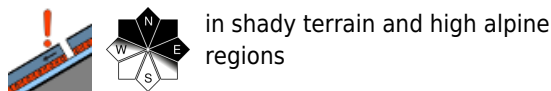
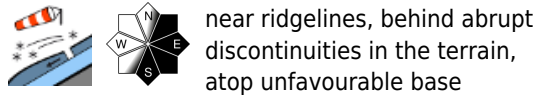
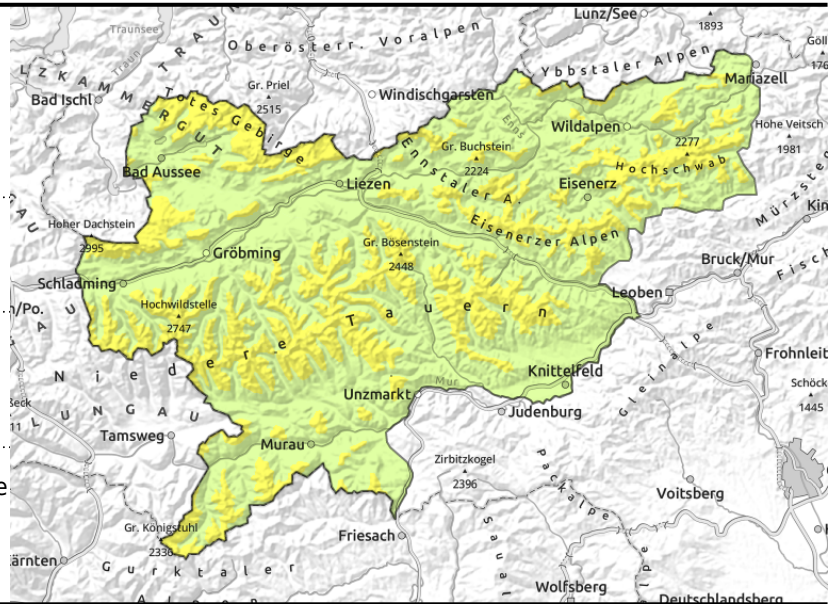


Expositions



Avalanche report for **Tuesday, 10.01.2023**

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



Trigger-sensitive snowdrift accumulations at high altitudes

Above the timberline, moderate danger prevails, below that altitude danger is low. Main problem: fresh snowdrifts, near ridgelines and behind abrupt discontinuities in the terrain, which can be triggered even by minimum additional loading. A slab on shady slopes can fracture down to more deeply embedded layers inside the snowpack and attain medium size.

Other danger zones occur in freshly wind-loaded gullies and bowls, where the old snow had not melted.

Snowpack structure

On Tuesday, fresh snow and stormy SW/NW winds transported the snow to east-facing slopes, where they formed snowdrift accumulations near ridgelines and behind abrupt discontinuities in the terrain in particular, and are poorly bonded with the melt-freeze encrusted old snowpack surface above the timberline due to faceted crystal layers. On Monday, 10-15 cm of fresh snow was registered.

Furthermore, faceted, weak layers are evident inside the old snowpack fundament on shady north-facing slopes, potential weak layer. Even if the snowfall makes the slopes turn white again, snow depths in general are still extremely below average.

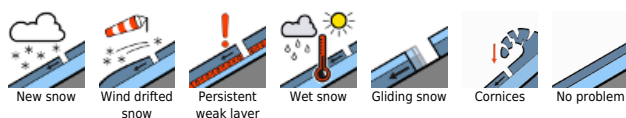
Weather

Tuesday will bring heavy cloud to the northern massifs, persistent snowfall (light to moderate). South of the Schladminger Tauern, the strong to stormy NW winds will disperse the clouds and sunshine will come through. In the afternoon, clouds in the Northern Alps will also disperse. At 2000 m: -8 degrees, stormy winds, gusts at 40-80 km/hr, in exposed terrain reaching 100 km/hr.

Outlook

Avalanche danger levels will increase over the next few days.

Avalanche problems



Danger ratings



Expositions



Avalanche report for Tuesday, 10.01.2023

Mürzsteiger Alpen, Mürztaler Alpen, Östliche Fischbacher Alpen und Wechselgebiet, Westliche Fischbacher Alpen und Grazer Bergland, Stub- und Gleinalpe, Korralpe, Seetaler Alpen



thin, ridgeline snowdrift patches



Low avalanche danger - thin snowdrift patches behind abrupt discontinuities in the terrain

Avalanche danger over widespread areas is LOW. Danger zones are being generated by freshly formed snowdrift accumulations, small and near to ridgelines and behind abrupt discontinuities in the terrain. In icy and melt-freeze encrusted summit zones, the risks of being forced to take a fall require attentiveness.

Snowpack structure

The fresh fallen snow on Tuesday will be transported by storm-strength SW to NW winds to extended east-facing slopes. There, particularly near ridgelines and behind abrupt discontinuities in the terrain, snowpack patches will be generated which are poorly bonded with the old melt-freeze encrusted snowpack surface above 1600 m. Even if the snowfall makes the slopes turn white again, snow depths in general are still extremely below average.

Weather

South of the Schladminger Tauern, the strong to stormy NW winds will disperse the clouds and sunshine will come through. In the afternoon, clouds in the Northern Alps will also disperse. At 2000 m: -8 degrees, stormy winds, gusts at 40-80 km/hr, in exposed terrain reaching 100 km/hr.

Wednesday: cloud cover will move in from the west, a bit of snowfall/rainfall is possible in the morning north of the Main Alpine Ridge. As of midday, clouds will disperse somewhat, it will become milder due to NW winds. At 2000 m: 0 degrees expected.

Outlook

No significant change in avalanche danger levels is expected over the next few days.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



Danger ratings



Expositions

