

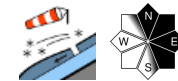
## Fresh snowdrifts in outlying terrain are brittle. Tense situation.



Schladminger Tauern, Südliche Wölzer Tauern, Nördliche Wölzer Tauern, Dachsteingebiet, Totes Gebirge, Rottenmanner Tauern, Seckauer Tauern, Ennstaler Alpen, Eisenerzer Alpen, Hochschwabgebiet, Mürtzsteger Alpen, Mürtztaler Alpen

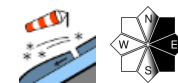


Gurktaler Alpen, Seetaler Alpen



forestline

Koralpe, Stub- und Gleinalpe, Westliche Fischbacher Alpen und Grazer Bergland, Östliche Fischbacher Alpen und Wechselgebiet



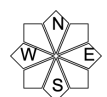
### Avalanche problems



### Danger ratings

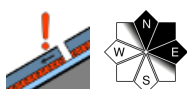
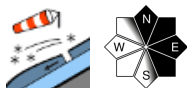


### Expositions

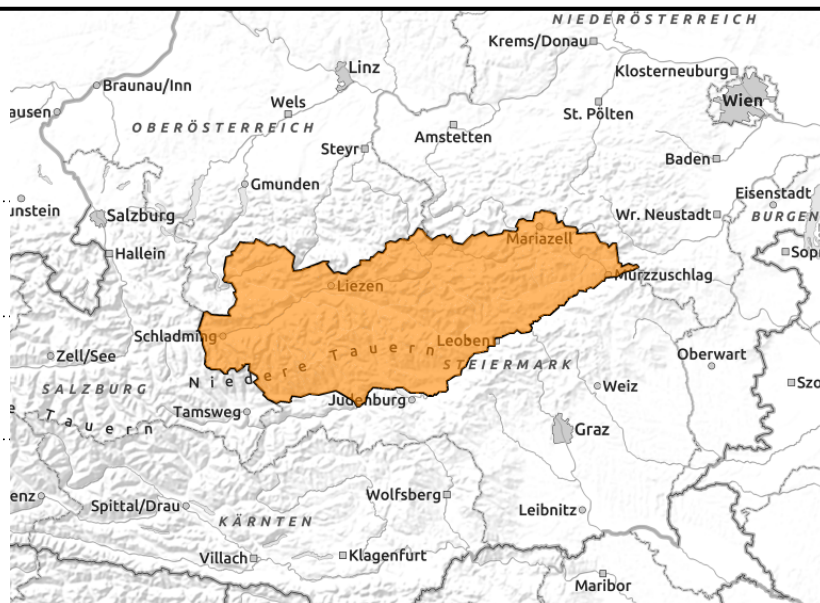


**19.01.2021**

Schladminger Tauern, Südliche Wölzer Tauern, Nördliche Wölzer Tauern, Dachsteingebiet, Totes Gebirge, Rottenmanner Tauern, Seckauer Tauern, Ennstaler Alpen, Eisenerzer Alpen, Hochschwabgebiet, Mürzsteger Alpen, Mürztaler Alpen



below 1000 m



## Snowdrift problem - considerable avalanche danger

From the Dachstein over Niedere Tauern to the Rax, considerable avalanche danger continues to threaten, through fresh snowdrifts which have formed over the last 24 hours. They are very poorly bonded with the snowpack fundament, particularly in N-E-S aspects. Triggering a slab avalanche is likely even by minimum additional loading. Avalanches can fracture down to more deeply embedded weak layer in the fundament, thereby enabling large-sized avalanches. Caution urged towards fresh cornices: they are instable! As a result of solar radiation, loose-snow avalanches are possible in steep rough and rocky terrain. At low altitudes, wet snowslides can be expected

### Snowpack structure

In the northern barrier cloud regions, 20-40 cm of fresh snow has been registered amid wind impact. Fresh snowdrifts now cover older snowdrift accumulations. The snowpack is weakened by layers of faceted crystals. Near to ground level depth hoar is forming, which further weakens the snowpack.

### Weather

Tuesday morning will bring us a few hours of sunny weather. By midday, intermediate altitude clouds will move in, the summits will remain free until sundown. Towards evening in the northern barrier cloud regions, a bit of snowfall is possible. From the west, temperatures will again rise. Winds will be blowing at brisk strength from westerly directions. Temperatures will rise. At 2000 m, -4 degrees.

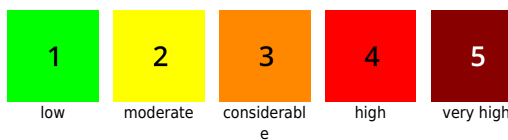
### Outlook

Considerable avalanche danger will persist.

#### Avalanche problems



#### Danger ratings

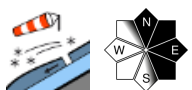


#### Expositions

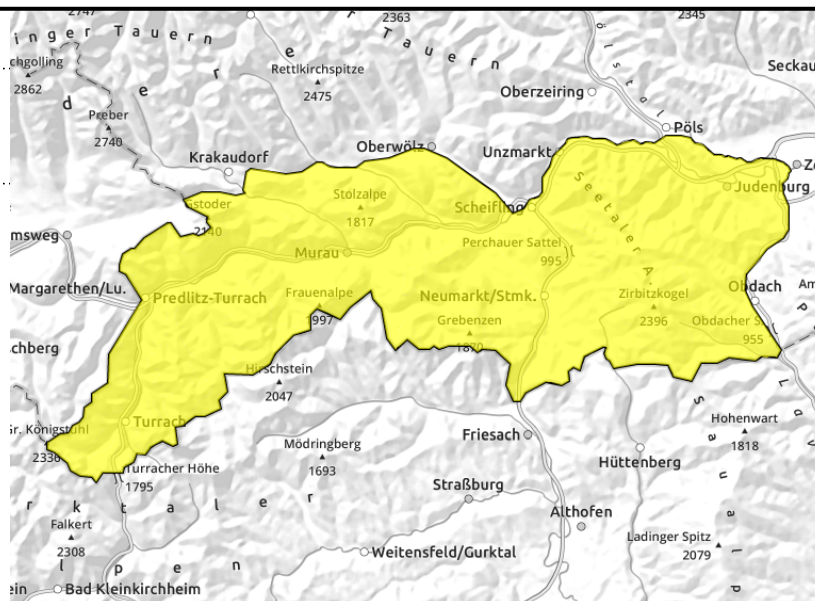


**19.01.2021**

**Gurktaler Alpen, Seetaler Alpen**



near ridgelines



**Snowdrift problem. Moderate avalanche danger.**

In Gurktal and Seetal Alps, moderate avalanche danger prevails. Freshly generated, shallow snowdrift accumulations are poorly bonded with the snowpack fundament. Avalanche prone locations are evident, small-sized, occur mostly in ridgeline terrain, particularly in E-S aspects. Triggering a slab avalanche is possible even by minimum additional loading, but only small-to-medium sized releases are expected.

**Snowpack structure**

Snowdrift patches have formed over the last 24 hours, which cover older snowdrift accumulations. The older snowdrifts were deposited on top of a layer of surface hoar or a weakened snowpack surface due to expansive metamorphosis. The snowpack fundament is generally stable.

**Weather**

Tuesday morning will bring us a few hours of sunny weather. By midday, intermediate altitude clouds will move in, the summits will remain free until sundown. Towards evening in the northern barrier cloud regions, a bit of snowfall is possible. From the west, temperatures will again rise. Winds will be blowing at brisk strength from westerly directions. Temperatures will rise. At 2000 m, -4 degrees.

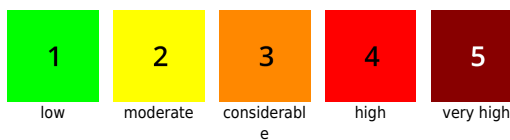
**Outlook**

No change in avalanche danger levels is expected.

**Avalanche problems**



**Danger ratings**

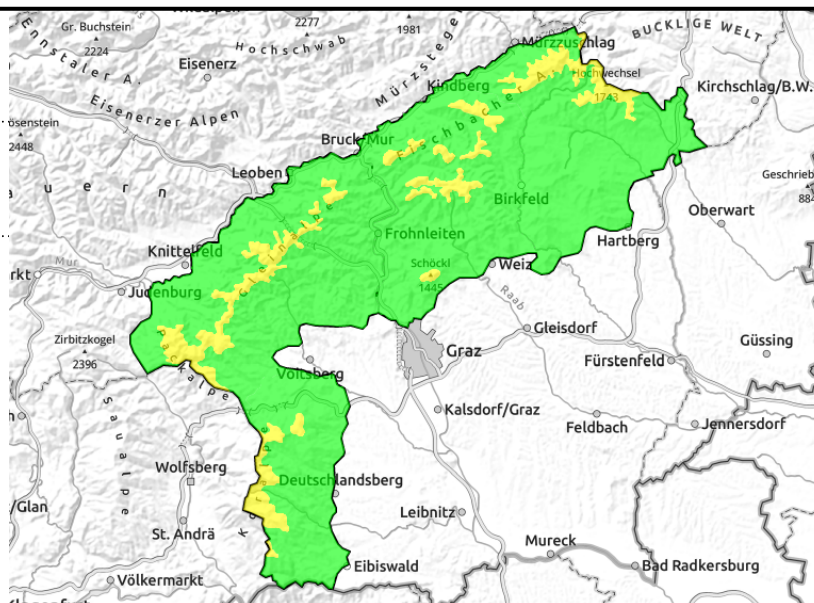
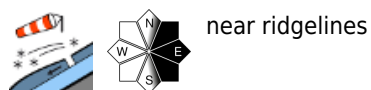


**Expositions**



**19.01.2021**

**Koralpe, Stub- und Gleinalpe, Westliche Fischbacher Alpen und Grazer Bergland, Östliche Fischbacher Alpen und Wechselgebiet**



**Fresh snowdrifts - moderate avalanche danger.**

From Koralpe over Graz mountains as far as the Wechsel, moderate avalanche danger prevails above the timberline. Fresh snowdrift accumulations have been deposited on east and south-facing slopes in ridgeline terrain. Triggering a slab avalanche is generally possible by large additional loading, releases can grow to medium size (magnitude 2).

**Snowpack structure**

Fresh snowdrift accumulations have been deposited on a fundament which is weakened by expansive metamorphosis, with softened layers of faceted crystals. There was only a small amount of fresh snow registered. In the regions of the south (Koralpe) where snowfall has been heaviest, the fundament is by and large stable. Faceted snow crystals are creating a weak layer inside the snowpack over widespread areas.

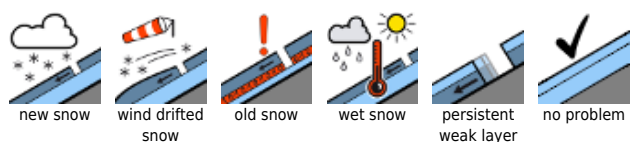
**Weather**

Tuesday morning will bring a few hours of sunshine. In the afternoon, intermediate altitude clouds will move in from the north, the summits will remain free until sundown. Temperatures will rise from the west, at 1500 m -1 degree. Winds will be blowing at brisk strength from the west.

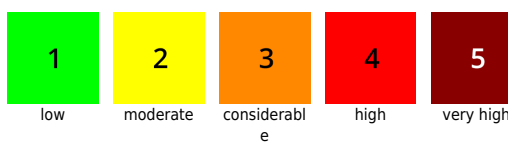
**Outlook**

Avalanche danger is expected to decrease gradually.

**Avalanche problems**



**Danger ratings**



**Expositions**

