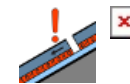


Old snow at high altitudes, generally stable snowpack at intermediate/low altitudes



1800 m

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

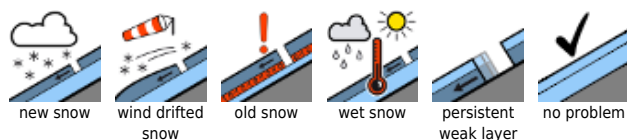


1700 m

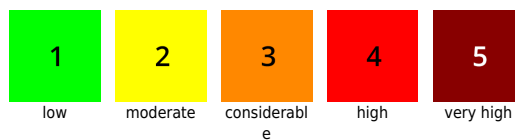
Mürzsteiger Alpen, Mürztaler Alpen, Östliche Fischbacher Alpen und Wechselgebiet, Stub- und Gleinalpe, Gurktaler Alpen, Seetaler Alpen, Koralpe, Westliche Fischbacher Alpen und Grazer Bergland



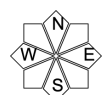
Avalanche problems



Danger ratings

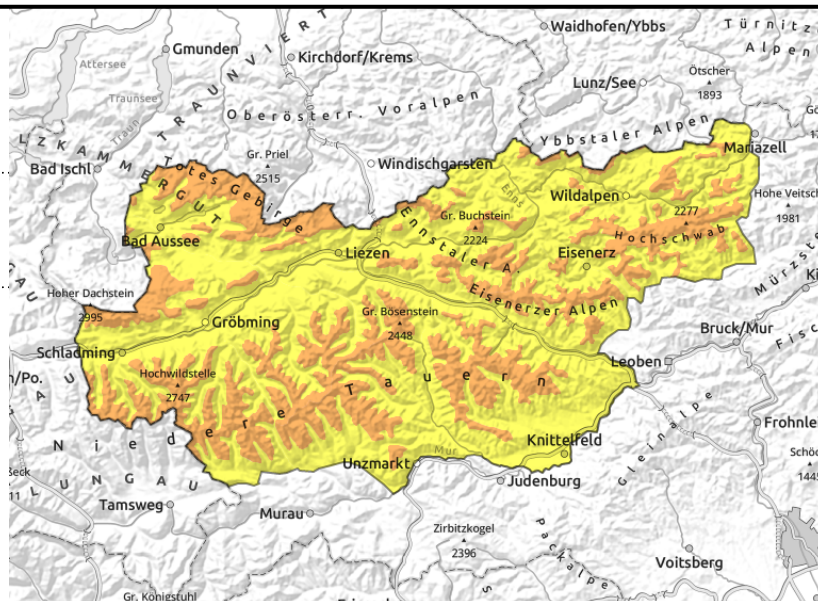
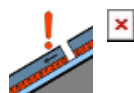


Expositions



02.02.2021

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



Instable snowpack due to old-snow problem

Above 1800 m considerable avalanche danger prevails, below that altitude moderate danger. Older snowdrifts are poorly bonded with the old snowpack, even minimum additional loading can triggered a slab avalanche. Danger zones are found primarily near ridgelines in N-E-S aspects, but also in wind-loaded gullies and bowls in all aspects. Due to a weakened snowpack fundament on shady slopes, avalanches which release can fracture down to deeper layers and thereby grow to large size.

Snowpack structure

At high altitudes near ridgelines there are wide-spreading older snowdrift accumulations deposited on a thin layer of ice. Inside the snowpack, instable soft layers of faceted crystals have formed. At intermediate and low altitudes the moist snowpack is either frozen or has formed melt-freeze crusts on the surface. In addition, depth hoar weakens the snowpack fundament on shady slopes.

Weather

In the northern part of Upper Styria, minor snow showers are anticipated (snowfall level at 1000 m). By midday and during the afternoon, clouds and fog will disperse. Winds will be brisk from the west, stormy at summit levels. Temperatures will rise starting at midday: at 2000 m, still -4 degrees in early morning, by evening +1 degree.

Outlook

On Tuesday night, minor precipitation is expected (snowfall level at 1500 m). Temperatures will rise at all altitudes, the clouds will keep the peaks shrouded in fog. The snowpack will continue to settle.

Avalanche problems



Danger ratings

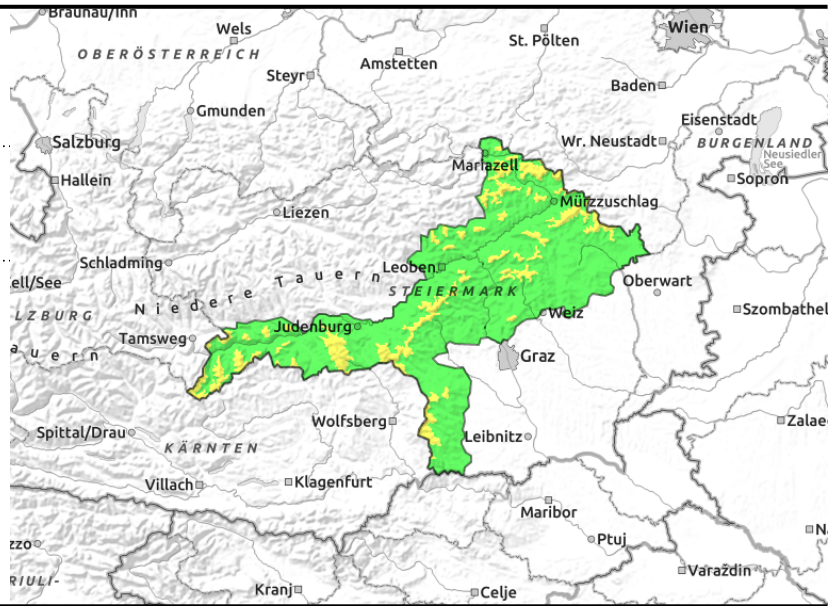
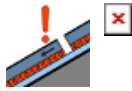
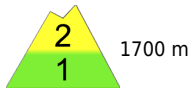


Expositions



02.02.2021

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



Moderate avalanche danger due to old-snow problem at high altitudes

Above 1700 m avalanche danger is moderate. Main problem: poor bonding of old snow. Avalanche prone locations occur primarily in ridgeline terrain in N-E-S aspects and in wind-loaded gullies and bowls in all aspects.

Snowpack structure

At high altitudes, snowdrift accumulations lie deposited on top of poorly bonded, soft, weak, faceted layers of the old snowpack. In addition, the fundament on shady slopes is further weakened by other soft layers. At low altitudes the snow is moist or thoroughly wet, in early morning it is frozen or melt-freeze encrusted.

Weather

On Tuesday it will remain dry, clouds will disperse in the morning and sunny mountain weather will prevail. Winds will remain brisk from northwest to southwest, even reaching storm strength on the Koralpe and Gleinalpe summits. Temperatures will rise starting at midday: at 2000 m still -3 degrees in early morning, 0 degrees by evening.

Outlook

On Wednesday the mountains will initially still be cloaked in fog, as of midday the clouds will disperse and it will become sunny. Temperatures at 2000 m will remain above zero. Winds will shift in the afternoon, be blowing at storm strength from southerly directions. The settling/moistening of the snowpack continues.

Avalanche problems



Danger ratings



Expositions

