

Moderate snowdrift problem at high altitudes in Northern Alps and Niedere Tauern

	<p>1800 m Totes Gebirge, Dachsteingebiet, Schladminger Tauern, Nördliche Wölzer Tauern, Rottenmanner Tauern, Ennstaler Alpen, Hochschwabgebiet, Eisenerzer Alpen, Seckauer Tauern, Südliche Wölzer Tauern, Murzsteger Alpen</p>		
	<p>Gurktaler Alpen, Seetaler Alpen, Koralpe, Stub- und Gleinalpe, Westliche Fischbacher Alpen und Grazer Bergland, Östliche Fischbacher Alpen und Wechselgebiet, Murztaler Alpen</p>		

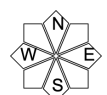
Avalanche problems



Danger ratings

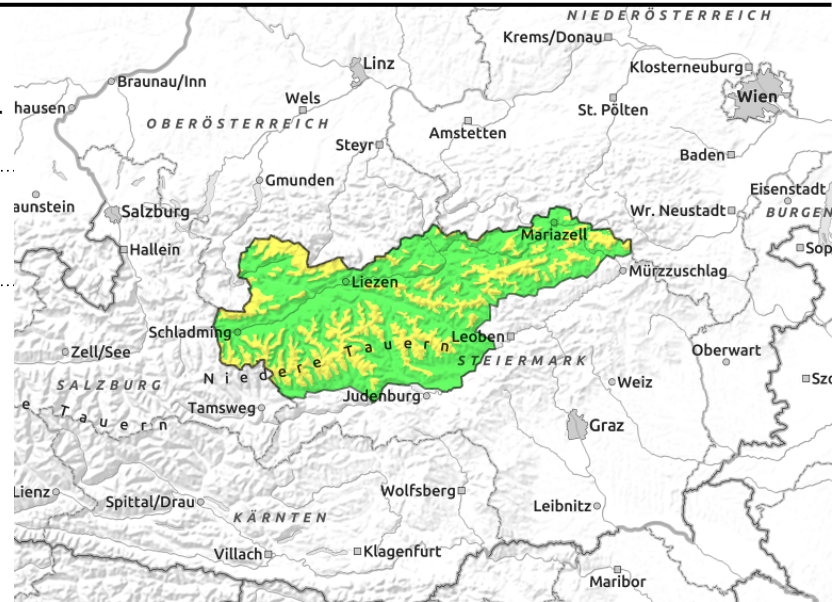
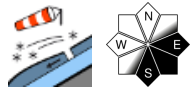


Expositions



07.04.2021

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



Moderate avalanche danger above 1800 m due to fresh snowdrifts

Caution: freshly-generated, very brittle snowdrift accumulations at high altitudes. These have been formed mostly by stormy winds on E-S facing slopes. Also in other aspects, wind-impacted snow is accumulating, primarily behind protruberances. Avalanche prone locations are initially small-sized. In shady high-altitude terrain the old-snow problem persists.

Snowpack structure

Inside a snowpack fundament on sunny slopes (moist up to high altitudes) there are only minor reserves of cold; atop of this since Easter Monday, repeated bouts of fresh snow have been deposited. While stormy winds are blowing combs, ridges, summits and plateaus completely free of snow, wind-protected zones are being filled with snowdrifts. The cold fresh snow will initially bond well with the old snowpack surface which in the interim has transformed to an icy crust. Weak layers inside the fresh snow, i.e. soft intermediate layers or graupel layers, cannot be ruled out.

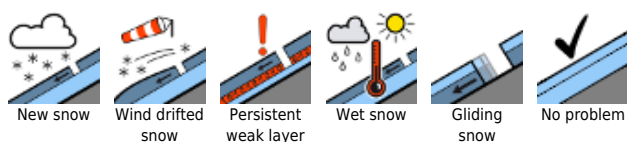
Weather

As a result of a stormy NW jetstream, moderately moist and very cold arctic air masses are being delivered to the eastern Alps. Amid storm-strength NW winds, repeated rounds of showers or graupel will pass through on Wednesday, only occasionally can bright phases be expected. At midday at 2000 m: -13 degrees; at 1500 m, -7 degrees.

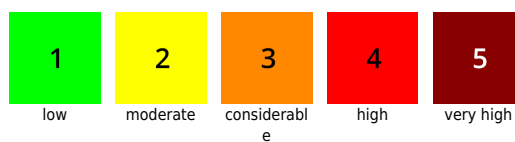
Outlook

On Wednesday night, snowfall will intensify in the northern barrier cloud regions for a short time, avalanche danger will increase.

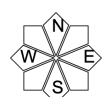
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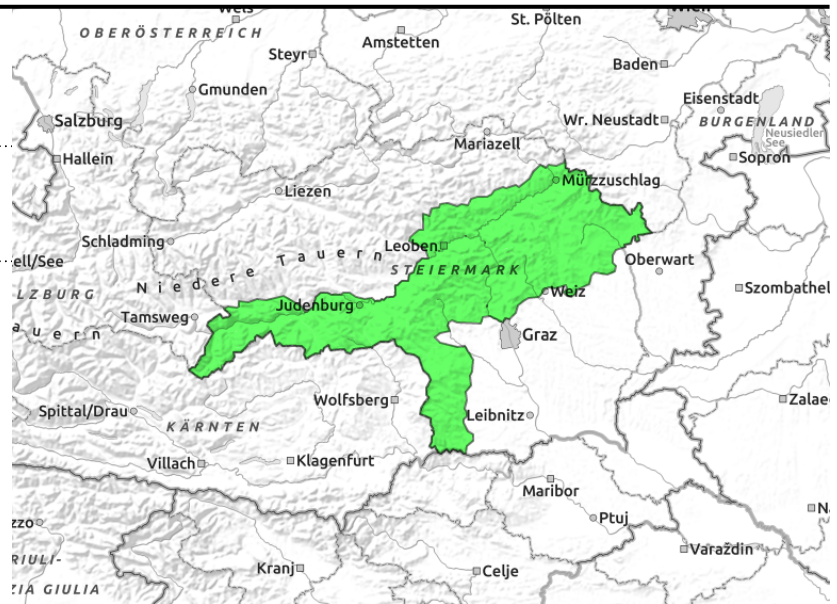
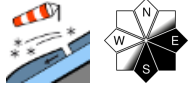


Expositions



07.04.2021

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



Low avalanche danger due to very isolated snowdrift patches

As a result of sustained lower temperatures, wet-snow avalanches have ceased to be relevant in the regions of the Gurktal Alps where snowfall has been heaviest. Fresh snowdrifts cannot be ruled out, but avalanche prone locations with minor fracture depths will occur only in isolated cases, if at all.

Snowpack structure

The persistent cooling has helped a moist snowpack to regain firmness at low altitude. The surfaces are melt-freeze encrusted, atop of this a thin layer of fresh snow has been deposited and has bonded well. On Monday night somewhat more snowfall was registered near the Koralpe. The generating of fresh snowdrifts has been limited, due to the rather small amount of fresh snowfall.

Weather

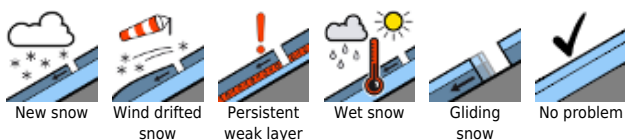
As a result of a stormy NW jetstream, moderately moist and very cold arctic air masses are being delivered to the eastern Alps. Amid storm-strength NW winds, repeated rounds of showers or graupel will pass through the Gurktal and Seetal Alps, as well as the rimline ranges, on Wednesday, only occasionally can bright phases be expected. At midday at 2000 m: -12 degrees; at 1500 m, -9 degrees.

Outlook

The inhospitable weather conditions are expected to last until Thursday at least. Avalanche danger will not increase significantly, since there is not much fresh snow expected.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



Danger ratings



Expositions

