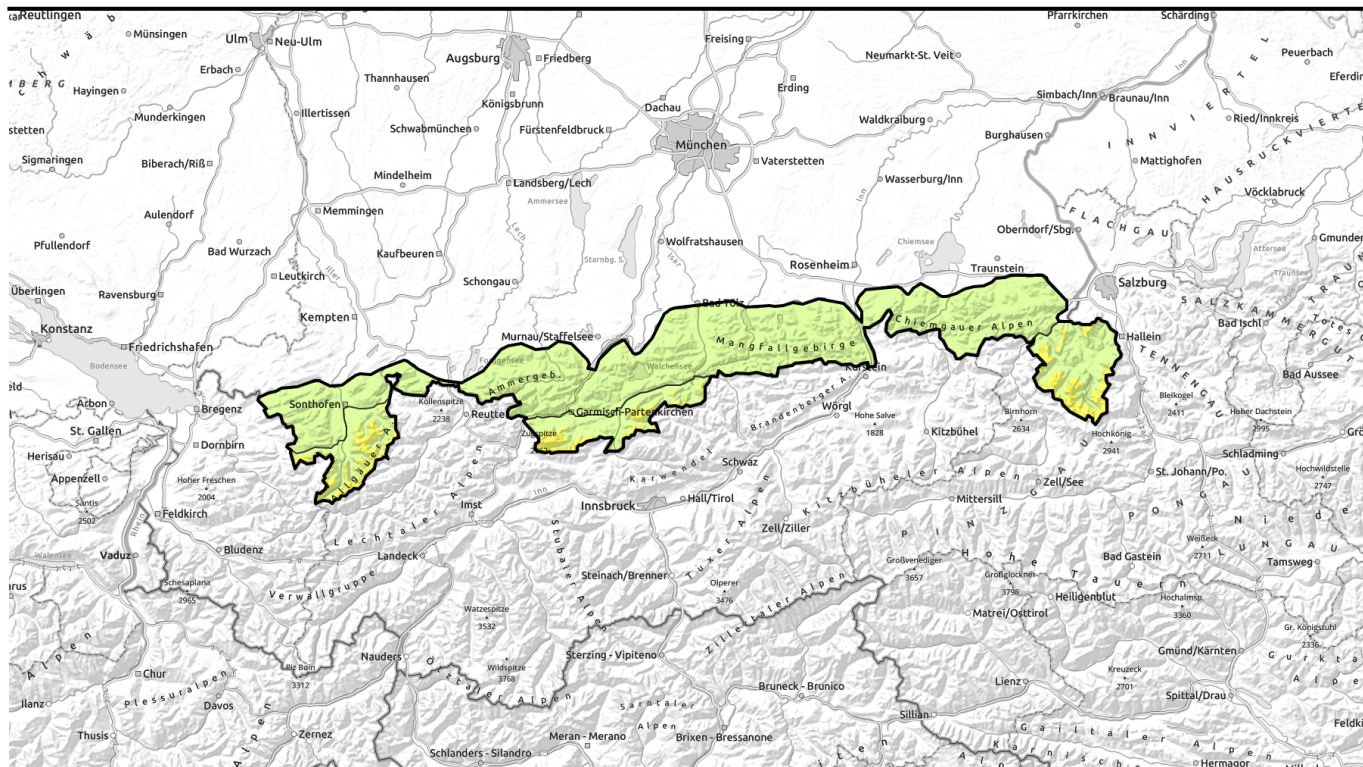


Avalanche report for Thursday, 05.01.2023



Danger of taking a fall on hard old snowpack; backcountry skiing almost impossible.

	<p>2000 m Allgäuer Hauptkamm, Werdenfeller Alpen, Berchtesgadener Alpen</p>	
	<p>Allgäuer Vorberge, Ammergauer Alpen, Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost</p>	

Avalanche problems



Danger ratings

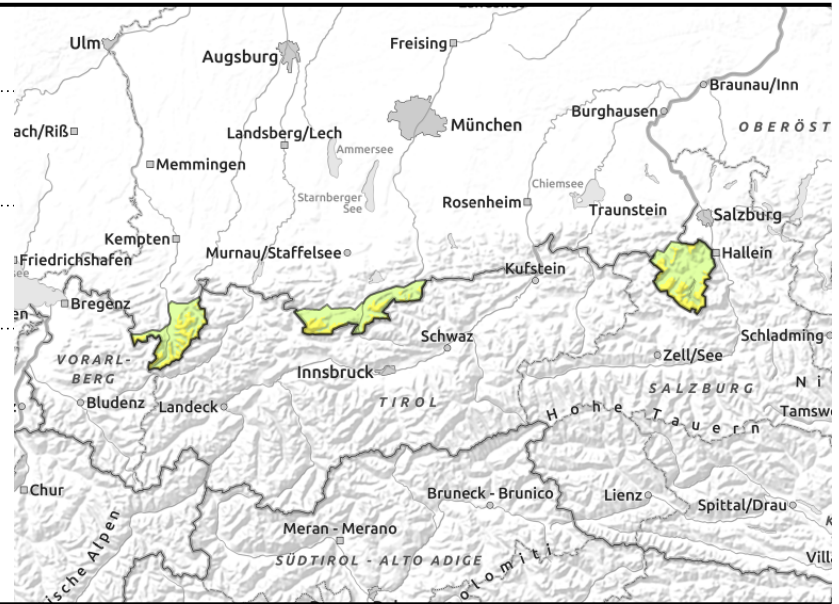
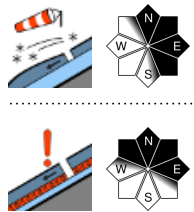


Expositions



Avalanche report for Thursday, 05.01.2023

Allgäuer Hauptkamm, Werdenföser Alpen, Berchtesgäder Alpen



Close to ridges snowdrifts prone to triggering

At high altitudes avalanche danger is moderate, elsewhere it is low. Main problem: fresh snowdrifts. At high altitudes these can be triggered as medium-sized slab avalanches even by one individual. Avalanche prone locations are found mostly adjacent to ridgelines in steep N/E facing terrain as well as in wind-loaded gullies and bowls. Frequency and size of avalanche prone locations will increase with ascending altitude during the course of the day on Thursday.

Furthermore, weak layers embedded in the old snowpack can be triggered easiest, if at all, by large additional loading and at transitions from deep to shallow snow, e.g., at entries into steep gullies and bowls. Adjacent to ridgelines avalanches can grow to intermediate size on the odd steep north or east facing slope with plenty of snow; otherwise the danger of taking a fall outweighs that of being buried in snow masses.

Snowpack structure

The below average old snowpack has generally settled well and consolidated. Following new snow and strong westerly winds fresh snowdrift accumulations will be generated at high altitude, in particular during the course of the day on Thursday. These bond only poorly with the encrusted old snowpack surface and are therefore trigger-sensitive. In some places, weak layers consisting of faceted crystals persist in the old snowpack on shady slopes. However, these are not likely to trigger and it is hard to imagine that fractures will propagate over a large area. The snowfall level limit is 1800m; below that altitude rainfall prevails. Snow patches remaining at intermediate altitude are mostly encrusted and soften due to the rain. Below 1400m the ground has become widespread bare of snow.

Outlook

The avalanche situation will ease up again during the weekend due to mild weather and sunshine.

Avalanche problems



Danger ratings

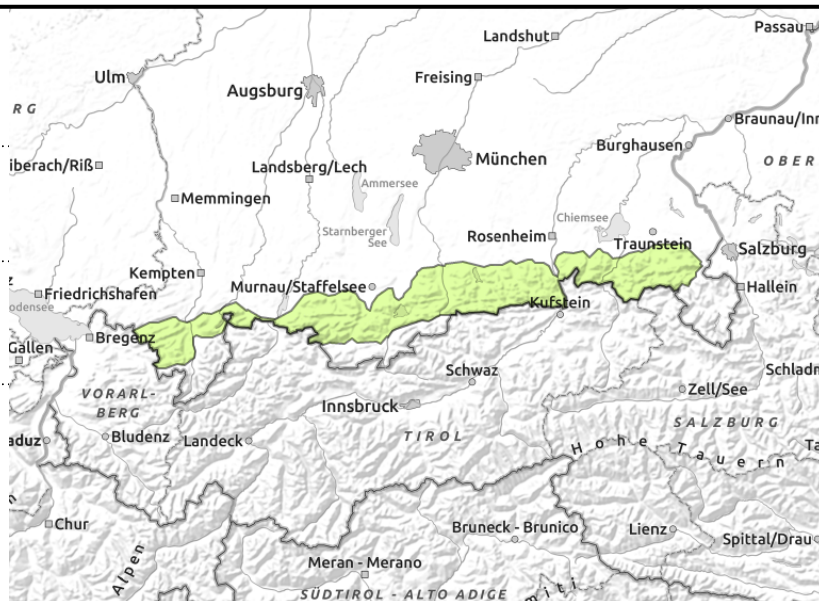
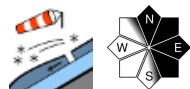
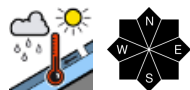


Expositions



Avalanche report for Thursday, 05.01.2023

Allgäuer Vorberge, Ammergauer Alpen, Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost



Hardly any snow beneath 1800m.

Avalanche danger is low. On steep slopes which have not yet discharged, small wet and glide-snow avalanches can trigger naturally.

In N/E/SE aspects in summit zones, fresh snowdrift accumulations are prone to triggering.

Snowpack structure

The snowfall limit is between 1700 m and 1900 m; at intermediate altitudes rainfall prevails. Only close to summits will the new snow be transported by strong westerly wind and will generate trigger-sensitive snowdrift accumulations on smooth encrusted old snow surfaces. Snow patches remaining at intermediate altitude are mostly encrusted and soft due to the rain. Below 1400m the ground has become widespread bare of snow.

Outlook

The avalanche situation will not change during the weekend due to mild weather and sunshine.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



Danger ratings



Expositions

