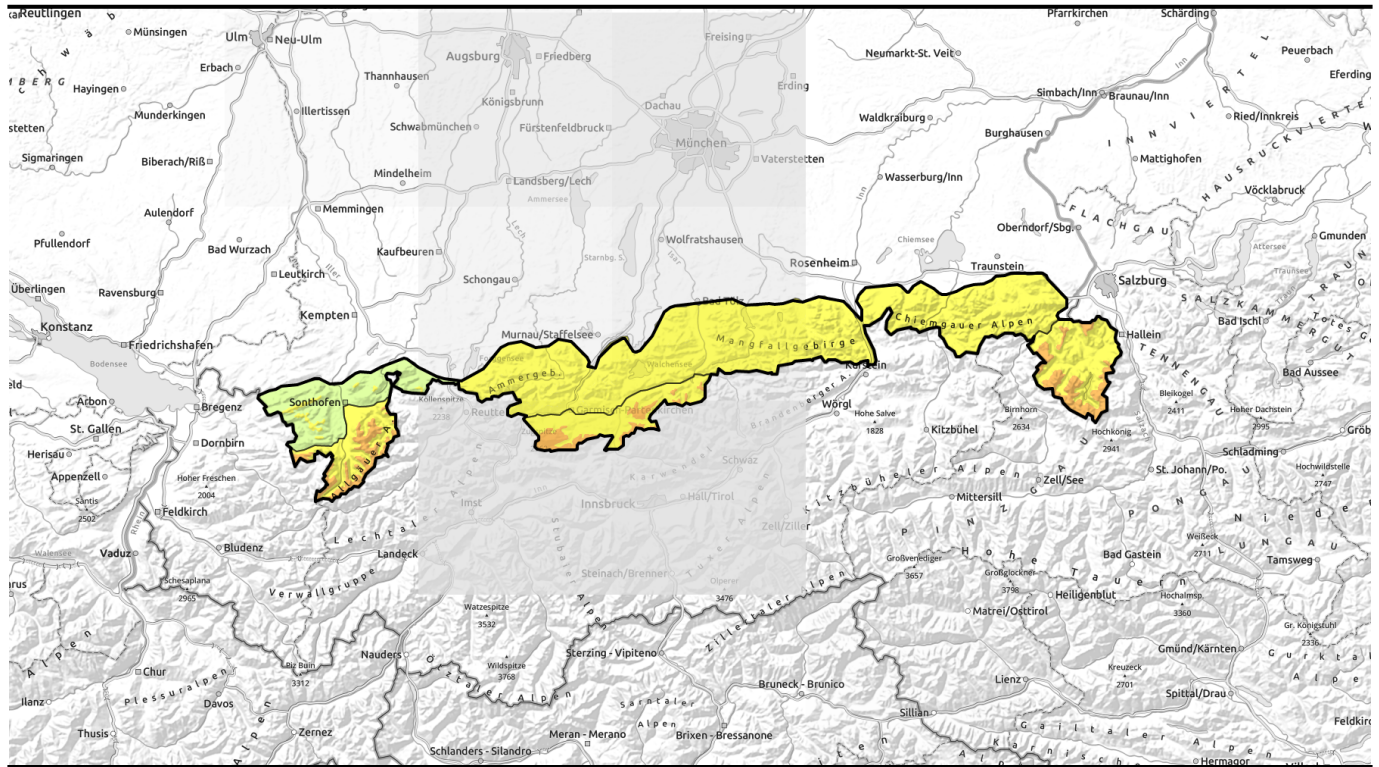











Avalanche report for Sunday, 22.01.2023



New snow problem due to marked northern orographic lift

	2000 m Berchtesgadener Alpen, Werdenfeller Alpen, Allgäuer Hauptkamm	 
	1500 m Allgäuer Vorberge	 
	Ammergauer Alpen, Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost	 

Avalanche problems



Danger ratings

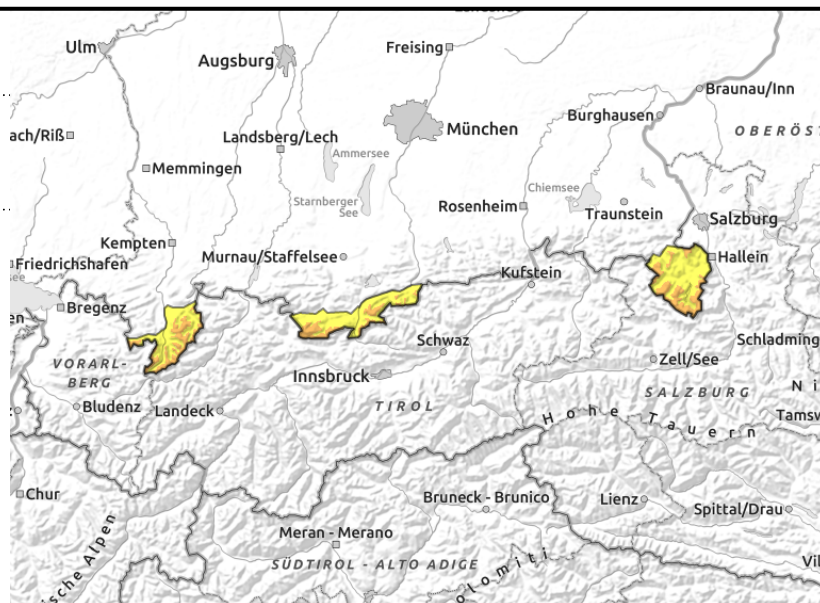
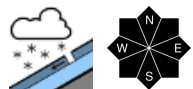


Expositions



Avalanche report for Sunday, 22.01.2023

Berchtesgadener Alpen, Werdenfeller Alpen, Allgäuer Hauptkamm



Considerable avalanche danger at high altitude due to large quantities of new snow and wind!

Avalanche danger above 2000 m is considerable; below that altitude it is moderate. Main problem: new snow bonded by wind adjacent to ridgelines, elsewhere loose. Loose snow avalanches can release spontaneously in steep rocky terrain. Adjacent to ridgelines and in wind-exposed terrain slab avalanches can be triggered by one sole individual. Avalanches attain medium size. Danger of being buried in snow masses. Spread and frequency of danger zones will increase with ascending altitude.

Snowpack structure

Wide-spread 50 cm of snowfall in the last few days, locally even more. In wind-exposed areas the new snow bonded slab-like and is extremely trigger-sensitive; elsewhere it is mostly loose and powdery. Weak intermediate layers are embedded in the new snow cover which formed while precipitation paused. In particular on shady slopes at high altitude weak layers have persisted in the old snowpack in places.

Outlook

It will stay chilly and dry; the new snow will settle gradually. Avalanche danger will therefore decrease again over the next few days.

Avalanche problems



Danger ratings

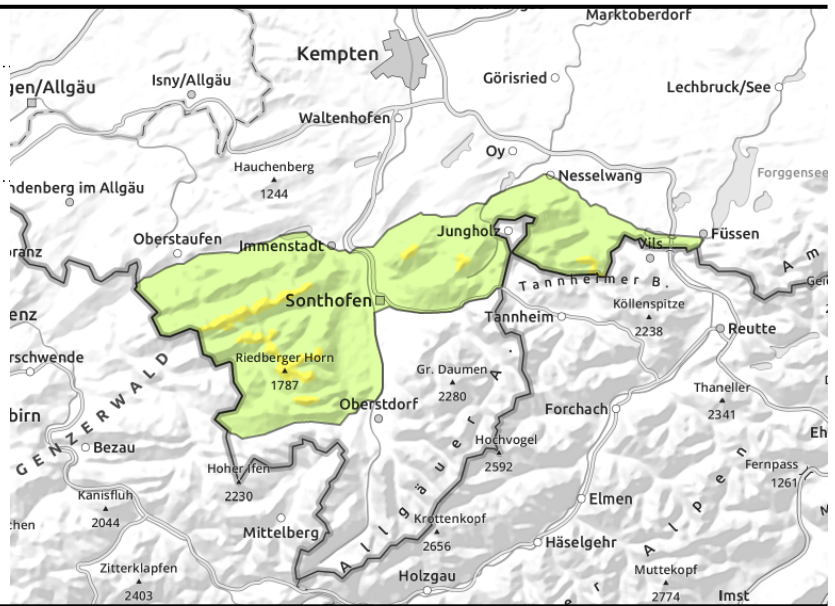


Expositions



Avalanche report for **Sunday, 22.01.2023**

Allgäuer Vorberge



Fresh snow partly prone to triggering. Wind marks indicate avalanche prone locations.

Avalanche danger above 1500 m is moderate, below that altitude danger is low. Main problem: new snow bonded by wind adjacent to ridgelines. Adjacent to ridgelines and in wind-exposed zones slab avalanches can be triggered by one sole individual. Avalanches can grow to medium size. Danger of being buried in snow masses. In addition, isolated loose snow avalanches will release spontaneously in steep rocky terrain.

Snowpack structure

Up to 30 cm of new snow were deposited on the bare ground; at higher altitudes atop an encrusted old snowpack surface. Adjacent to ridgelines wind from different directions generated small-scale snowdrift accumulations. These blanket loose snow layers that are prone triggering, in particular at higher altitudes. It is not very likely that fractures will propagate over a large area.

Outlook

Avalanche danger levels are not expected to change anytime soon.

Avalanche problems



Danger ratings

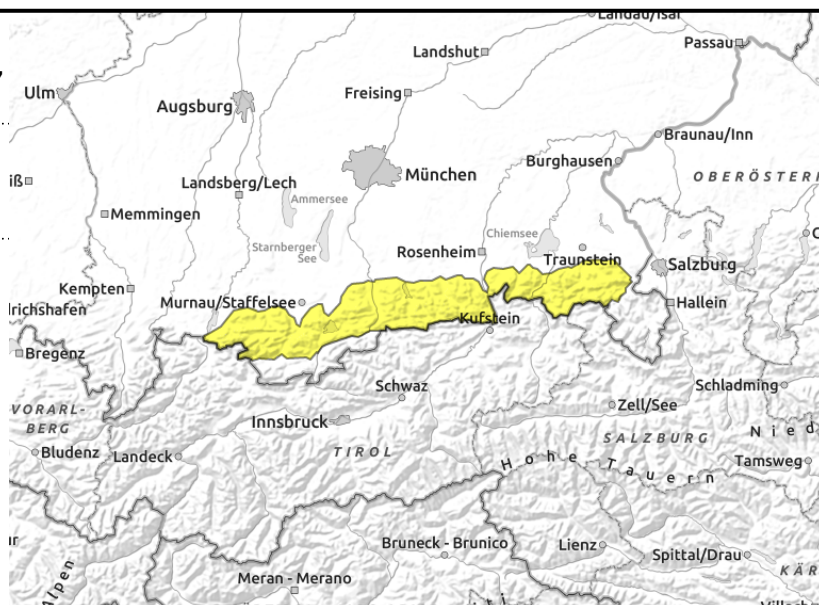
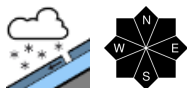


Expositions



Avalanche report for **Sunday, 22.01.2023**

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



New snow partly prone to triggering. Wind marks indicate avalanche prone locations.

Avalanche danger is moderate. Main problem: fresh snow. Isolated loose snow avalanches will trigger spontaneously in steep rock terrain, in particular due to solar radiation. Where snow is wind-bonded, i.e., in particular in ridge and summit zones, slab avalanches can be triggered by a single person. In gullies and bowls with plenty of snow avalanches can grow to medium size. Danger of being buried in snow masses.

Snowpack structure

Up to 50 cm of new snow were deposited on the bare ground; in shady high altitude areas on encrusted old snowpack surfaces. In wind-exposed areas the new snow bonded slab-like; elsewhere it is mostly loose and powdery. Trigger-sensitive intermediate layers are embedded in the new snow cover which formed locally-limited while precipitation paused. Hence it is not very likely that fractures will propagate over a large area.

Outlook

In the next few days the new snow will gradually settle and stabilize. Avalanche danger will decrease.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



Danger ratings



Expositions

