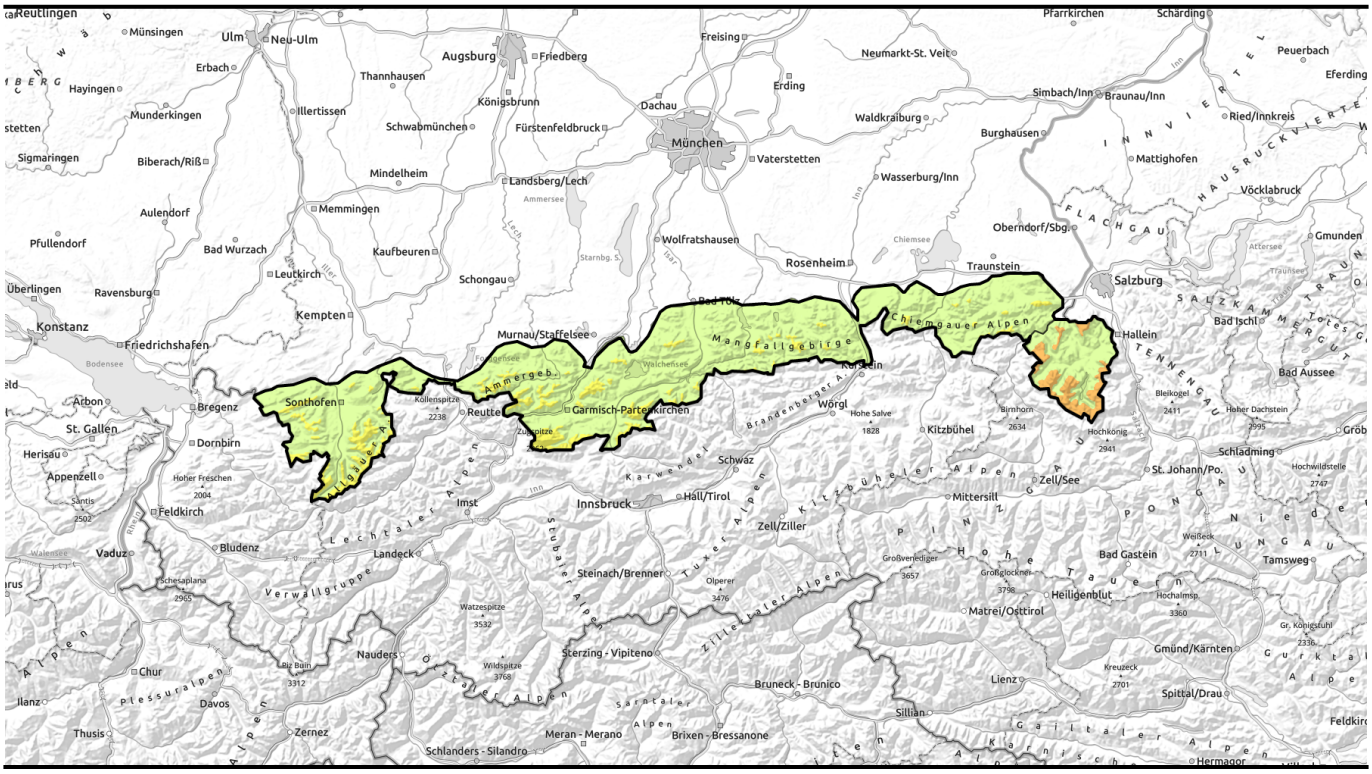
published at 30.01.2023, 18:00 h *by Lawinenwarndienst Bayern*

Avalanche report for **Tuesday, 31.01.2023**



Snowdrift problem!

2 / 1 forestline	Allgäuer Hauptkamm, Werdenfelser Alpen, Ammergauer Alpen, Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost, Allgäuer Vorberge	
3 / 1 forestline	Berchtesgadener Alpen	

Avalanche problems

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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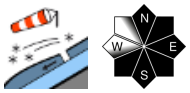
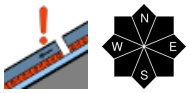
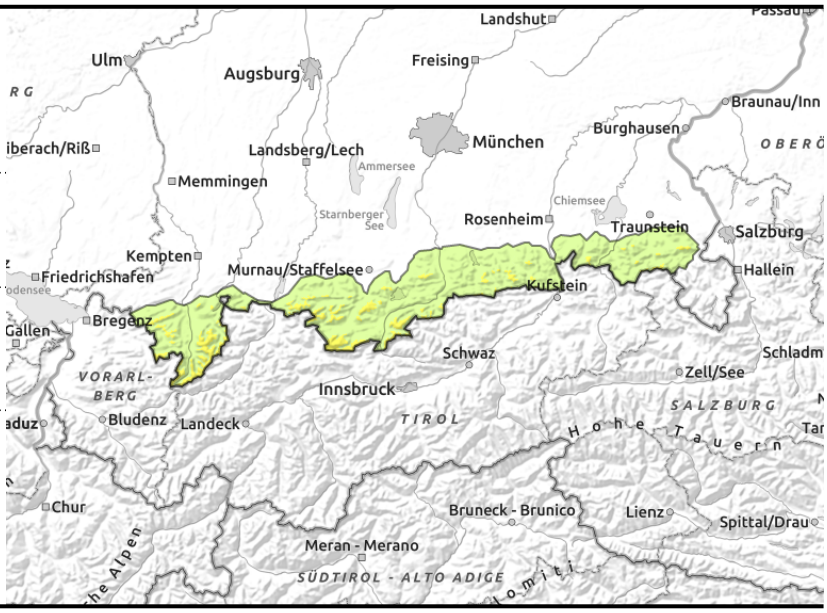
Allgäuer Hauptkamm, Werdenfelser Alpen, Ammergauer Alpen, Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost, Allgäuer Vorberge

forestline







Risk of taking a fall because of slab avalanches in extremely steep terrain!

Avalanche danger above the timberline is moderate, below that altitude danger is low. Main problem: fresh snowdrifts. In places, slab avalanches can be triggered even by low additional loading such as by a single skier; they tend to be small-sized. Avalanche prone locations are found in steep terrain adjacent to ridgelines in N/E/SW aspects as well as in wind-loaded gullies and bowls also distant from ridgelines; experienced individuals can recognize them easily. Size and frequency of avalanche prone locations increase with ascending altitude.
At high altitudes the old snowpack also contains intermediate layers that are prone to triggering. Where slab avalanches are triggered by large additional loading these can grow to medium size.

Snowpack structure

Stormy wind will transport the little fresh snow and old loose snow both near to and distant from ridgelines during Monday night. Fresh snowdrift accumulations are deposited atop an inhomogeneous and wind-impacted old snowpack surface. On the sunny side, a melt-freeze crust has formed in many places near the old snowpack surface underneath which large crystals have grown. More deeply embedded in the old snowpack at high altitude are layers consisting of expansively metamorphosed snow crystals. At low and intermediate altitudes the snowpack is mostly stable.

Outlook

As snowfall is forecast, avalanche danger will rise starting from Thursday.

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | Cornices | no distinct

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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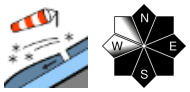
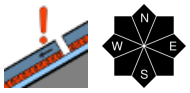
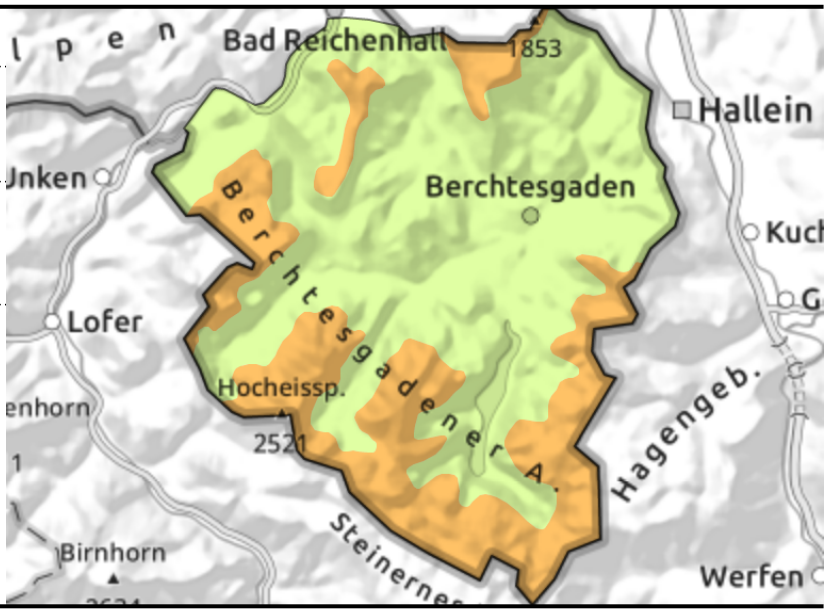
Avalanche report for Tuesday, 31.01.2023

Berchtesgadener Alpen

forestline







Slab avalanche danger due to 20 cm of new snow and stormy wind

Avalanche danger above the timberline is considerable, below that altitude danger is low. Main problem: fresh snowdrifts. Slab avalanches of medium size can be triggered even by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found in steep terrain adjacent to ridgelines in N/E/SW aspects as well as in wind-loaded gullies and bowls also distant from ridgelines; experienced individuals can recognize them easily. Size and frequency of avalanche prone locations increase with ascending altitude.
At high altitudes the old snowpack also contains intermediate layers that are prone to triggering. Where slab avalanches are triggered by large additional loading these can grow to medium size.

Snowpack structure

Stormy wind will transport old loose snow and up to 20 cm of fresh snow both adjacent to and distant from ridgelines during Monday night. Fresh snowdrift accumulations are deposited atop an inhomogeneous and wind-impacted old snowpack surface. On the sunny side, a melt-freeze crust has formed in many places near the old snowpack surface underneath which large crystals have grown. More deeply embedded in the old snowpack at high altitude are layers consisting of expansively metamorphosed snow crystals. At low and intermediate altitudes the snowpack is mostly stable.

Outlook

As snowfall is forecast, avalanche danger will rise starting from Thursday.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions