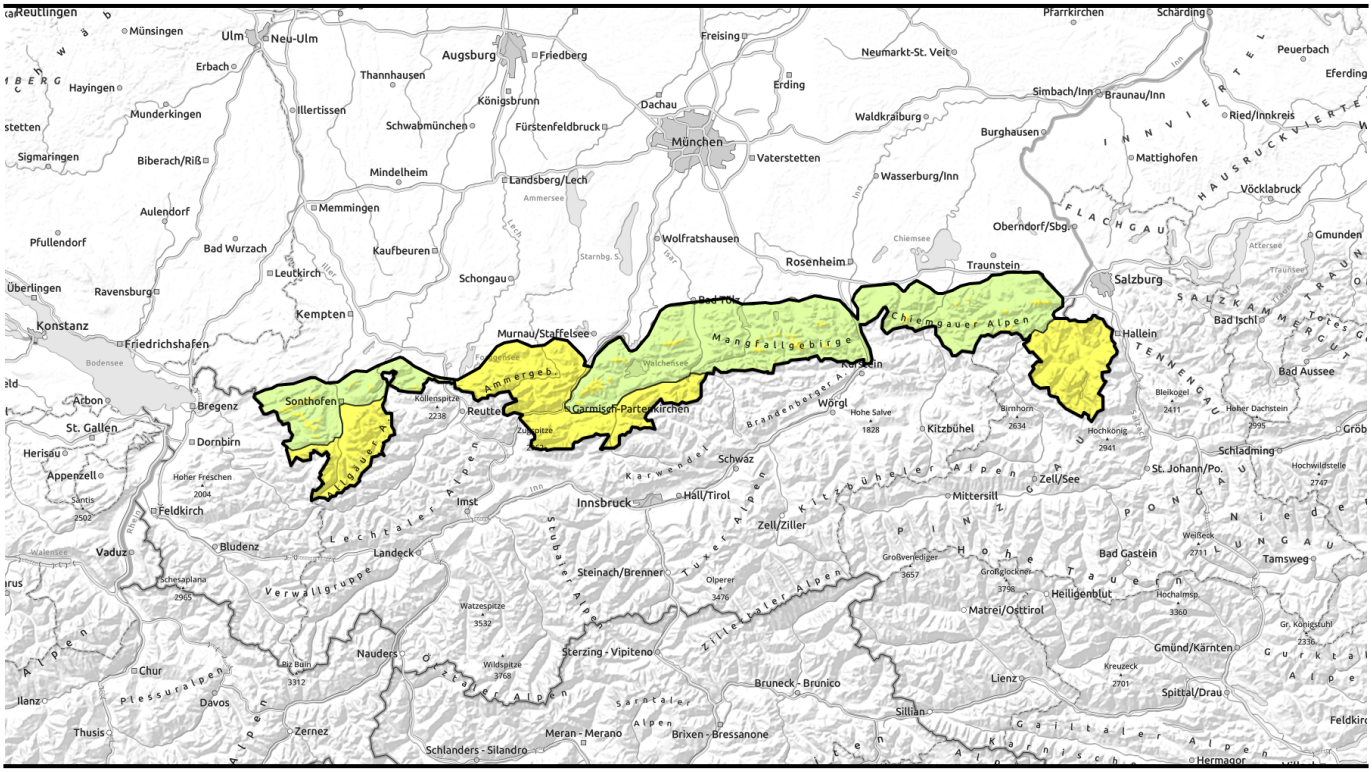
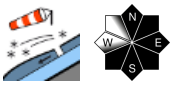
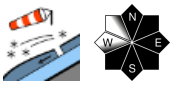
published at 02.02.2023, 08:02 h *by Lawinenwarndienst Bayern*

Avalanche report for **Thursday, 02.02.2023,** morning



Less new snow than expected

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

Avalanche problems

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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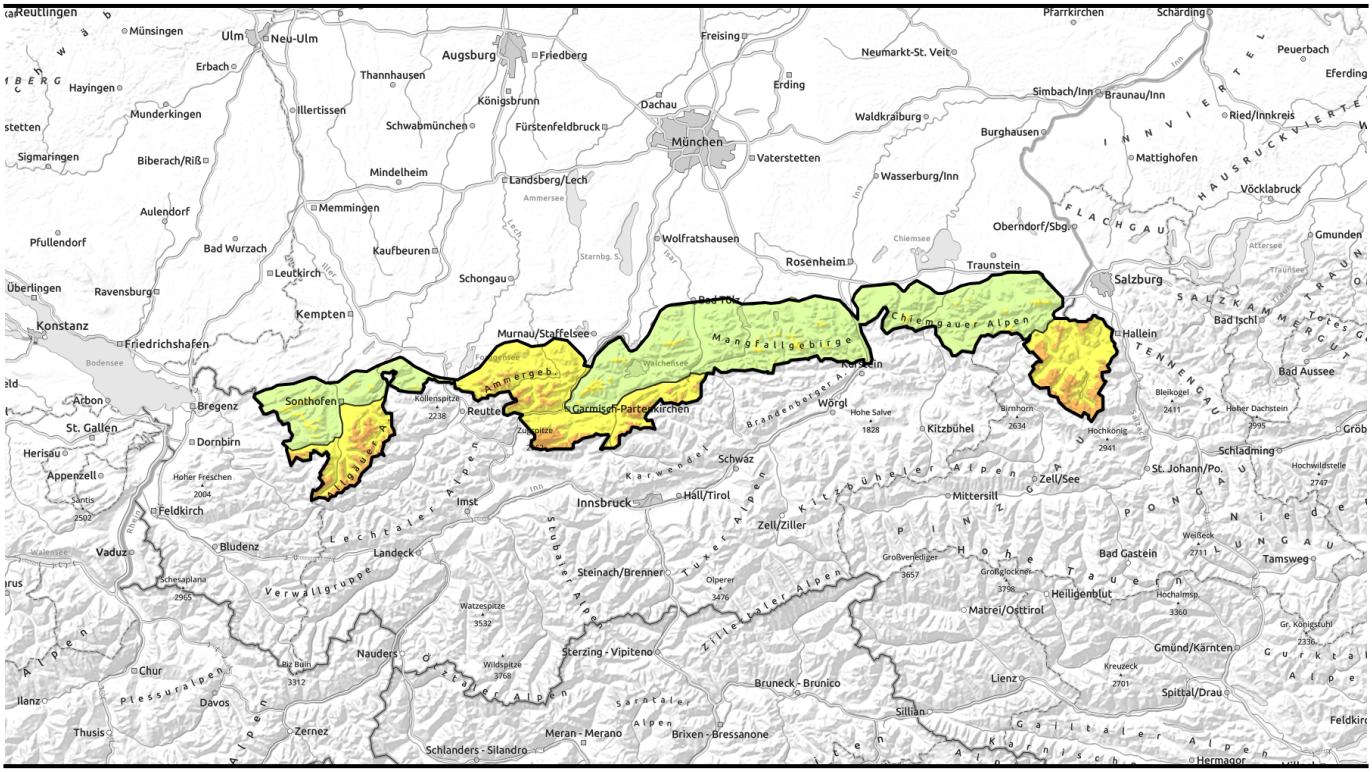
Avalanche report for **Thursday, 02.02.2023,** afternoon



Aktualisierung: weniger Neuschnee als erwartet.

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

forestline

Allgäuer Hauptkamm, Werdenfelser Alpen, Berchtesgadener Alpen, Ammergauer Alpen

forestline

Avalanche problems

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

Danger ratings

low | moderate | considerable | high | very high

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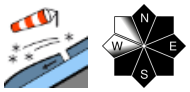
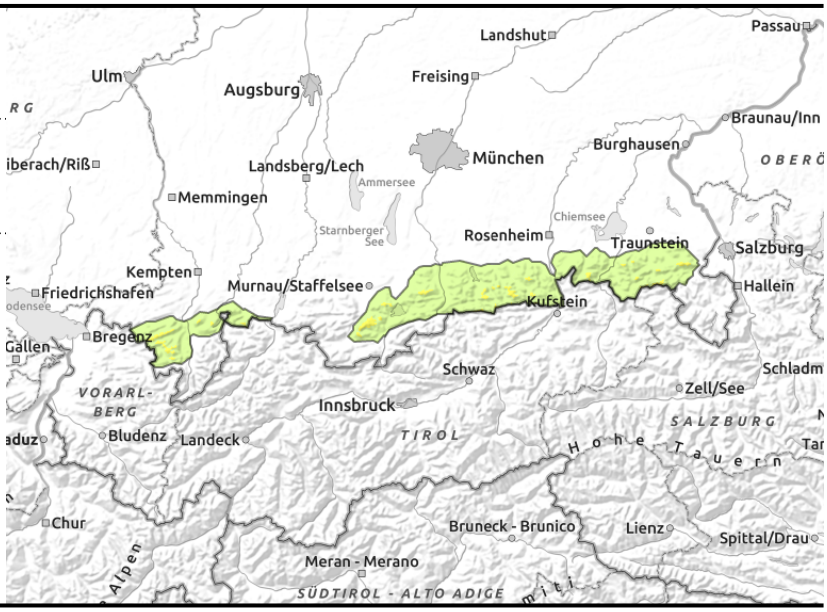
Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost, Allgäuer Vorberge

forestline





The fresh snowdrifts are trigger-sensitive.

Avalanche danger above the timberline is moderate, below that altitude danger is low. The main problem stems from fresh snowdrifts. Medium-sized slab avalanches can be triggered by minimum additional loading such as the weight of a single skier, both near to and distant from ridges in N/E/SW aspects. Above the timberline avalanches can grow to medium size. Size and frequency of avalanche prone locations increase slightly during the course of the day and with ascending altitude.

Snowpack structure

Stormy westerly winds accompany moderate snowfalls and generate fresh snowdrift accumulations that are prone to triggering. The snowdrifts bond only poorly with the old snowpack surface. Besides that, a thin trigger-sensitive layer consisting of expansively metamorphosed crystals is found underneath a near surface melt-freeze crust, in particular on the sunny side. Otherwise the old snowpack surface is wind-impacted and consists of wind crusts, older and fresh snowdrift accumulations, graupel, and powder snow.

Outlook

Due to further snowfalls and plenty of wind the avalanche danger will increase.

Avalanche problems

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

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Expositions

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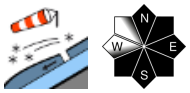
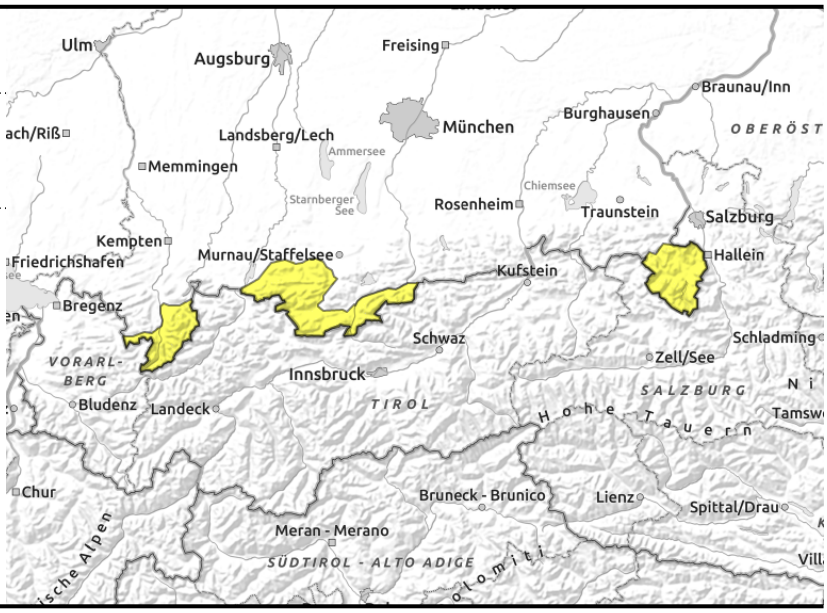
Allgäuer Hauptkamm, Werdenfelser Alpen, Berchtesgadener Alpen, Ammergauer Alpen





The fresh snowdrifts are trigger-sensitive. Size and frequency of avalanche prone locations increase during the course of the day.

Above the timberline avalanche danger rises from moderate to considerable in line with the daytime danger cycle. The main problem stems from fresh snowdrifts. Medium-sized slab avalanches can be triggered by minimum additional loading such as the weight of a single skier, both near to and distant from ridges in N/E/SW aspects. Size and frequency of avalanche prone locations increase during the course of the day and with ascending altitude. Above the timberline avalanches can even grow to large size in the afternoon.

Snowpack structure

Stormy westerly winds accompany snowfall and generate fresh snowdrift accumulations that are prone to triggering. The snowdrifts bond only poorly with the old snowpack surface. Besides that, a thin trigger-sensitive layer consisting of expansively metamorphosed crystals is found underneath a near surface melt-freeze crust, in particular on the sunny side. Otherwise the old snowpack surface is wind-impacted and consists of wind crusts, older and fresh snowdrift accumulations, graupel, and powder snow.

Outlook

Due to further snowfalls and plenty of wind the avalanche danger will continue to increase on the weekend.

Avalanche problems

Danger ratings

Expositions

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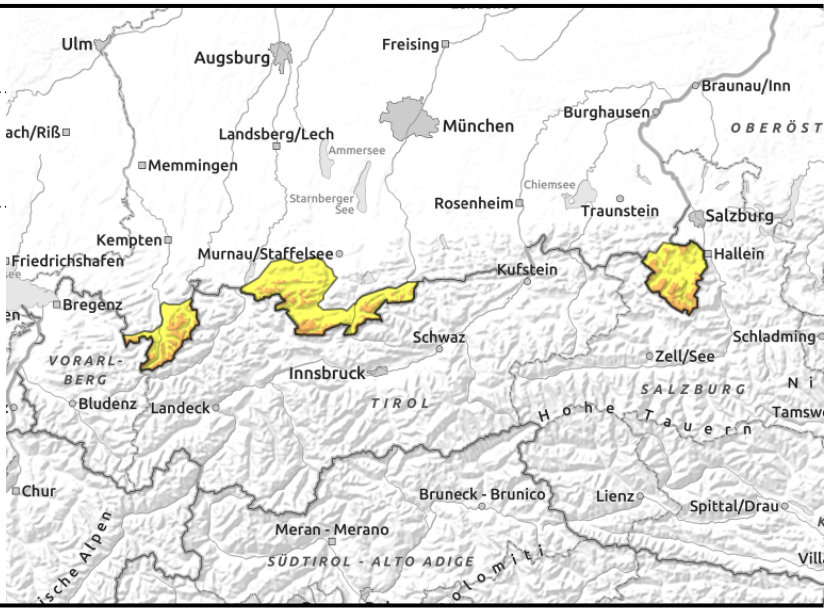
Avalanche report for Thursday, 02.02.2023, afternoon

Allgäuer Hauptkamm, Werdenfelser Alpen, Berchtesgadener Alpen, Ammergauer Alpen

forestline



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Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions