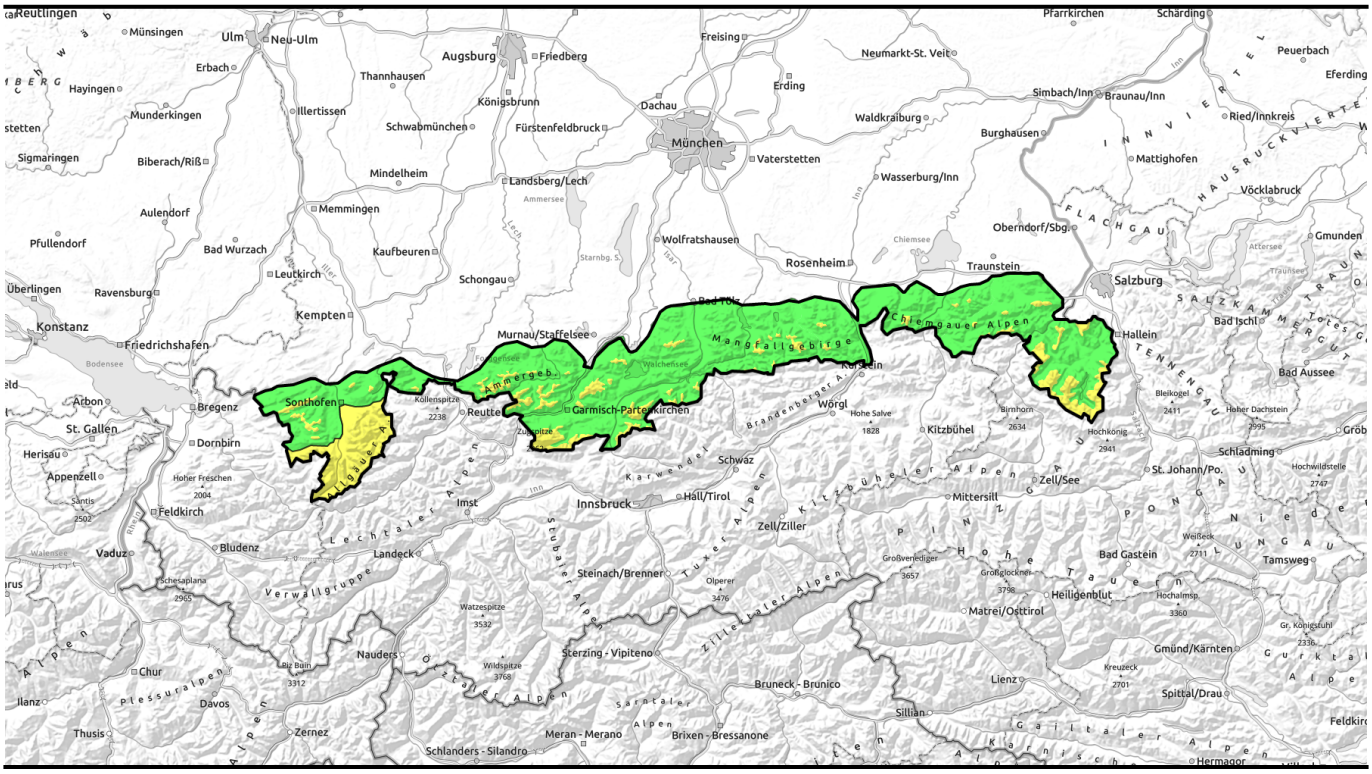
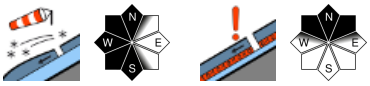
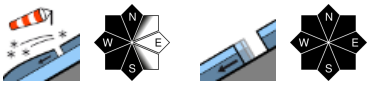
Avalanche report from 27.02.2022, 18:00 h *by Lawinenwarndienst Bayern*

28.02.2022



Cold easterly wind generates small snowdrift accumulations that are prone to triggering.

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

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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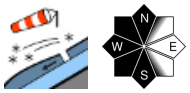
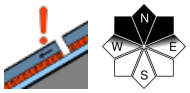
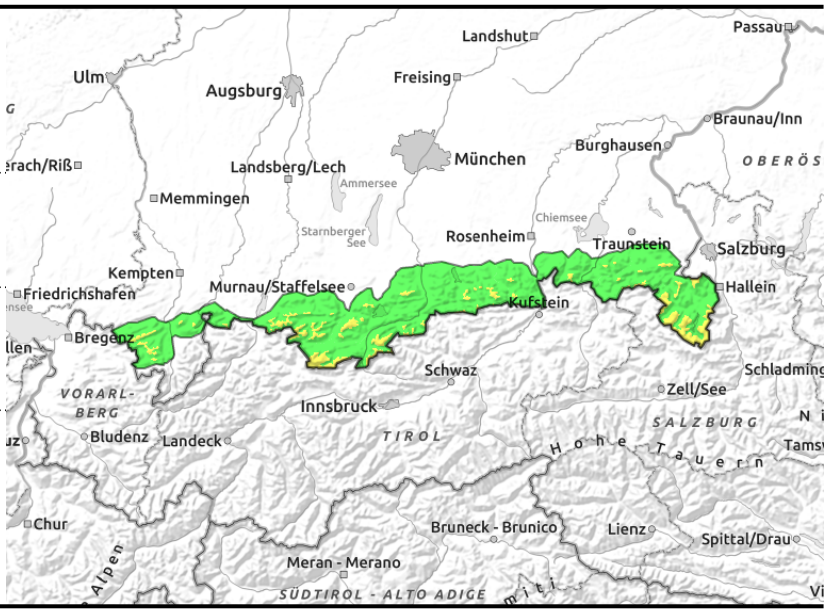
28.02.2022

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

forestline







Large slab avalanches possible in places at high altitudes.

Avalanche danger above the treeline is moderate, below that altitude danger is low. Main problem: snowdrifts. Avalanche prone locations are found in steep ridgeline terrain in S/W/N aspects ass well as in wind-loaded gullies and bowls. Size and frequency increase with ascending altitude and a practiced eye recognizes them easily. In places, avalanches can be triggered even by minimum additional loading such as a single skier; in particular at high altitudes they can grow to medium size. Apart from the risks of being buried in snow, the danger of falling deserves consideration.
At high altitude there is in addition an old snow problem. In particular on shady slopes, isolated slab avalanches can be triggered in patches with little snow and in some circumstances they can grow to large size.
Due to solar radiation the danger of mostly small loose snow avalanches increases during the course of the day in south aspects in extremely steep terrain.

Snowpack structure

Cold easterly wind continues to transport snow to exposed patches where it is deposited brittle atop soft layers or atop older snowdrift accumulations. In many places graupel is embedded near the surface. In the old snowpack at higher altitudes there are weak intermediate layers of faceted crystals close to crusts. The snow depths in the terrain vary enormously; in wind-exposed locations and at low altitudes it is below average.

Outlook

Until Tuesday, the avalanche situation will not change significantly.

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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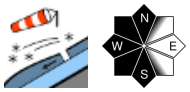
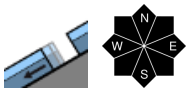
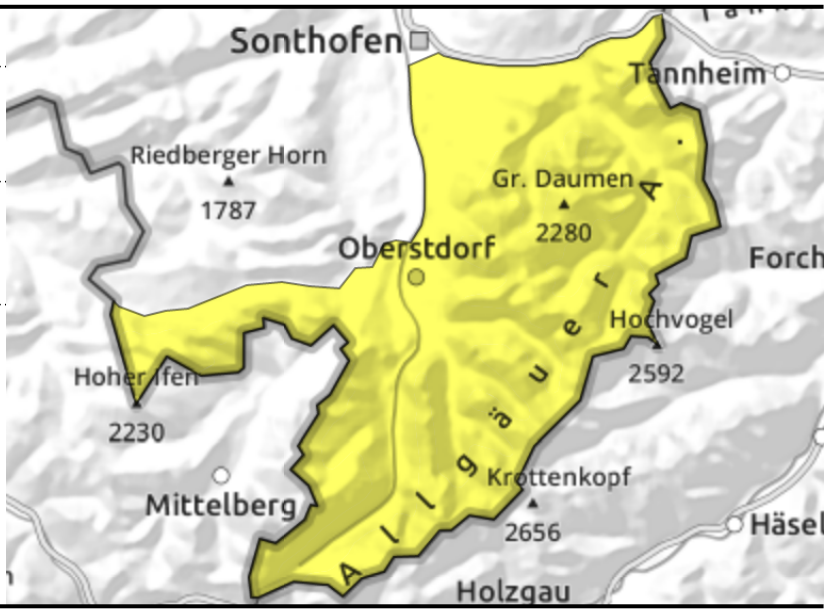
28.02.2022

Allgäuer Hauptkamm







Glide-snow avalanches can trigger naturally!

Avalanche danger is moderate. Main problem: snowdrifts. Avalanche prone locations are found in steep ridgeline terrain in S/W/N aspects as well as in wind-loaded gullies and bowls. Size and frequency increase with ascending altitude and a practiced eye recognizes them easily. In places, avalanches can even be triggered by minimum additional loading such as a single skier. In isolated cases, slab avalanches at high altitude can attain large size, in particular if more deeply embedded layers are triggered.
In addition, on smooth ground, such as steep grass-covered slopes, glide snow avalanches can trigger naturally and grow to large size Glide cracks are alarm signals.
Due to solar radiation the danger of mostly small loose snow avalanches increases during the course of the day in south aspects in extremely steep terrain.

Snowpack structure

Cold easterly wind continues to transport snow to exposed patches where it is deposited brittle atop soft layers or atop older snowdrift accumulations. In many places graupel is embedded near the surface. In the old snowpack at higher altitudes there are weak intermediate layers of faceted crystals close to crusts. At an altitude of about 2000 m in the main Allgäu ridge area, first glide cracks are opening on steep grass-covered slopes; on Sunday, the first medium-sized glide snow avalanche was reported. The moisture at the snowpack base promotes gliding movements of the snow masses.

Outlook

Until Tuesday, the avalanche situation will not change significantly.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions