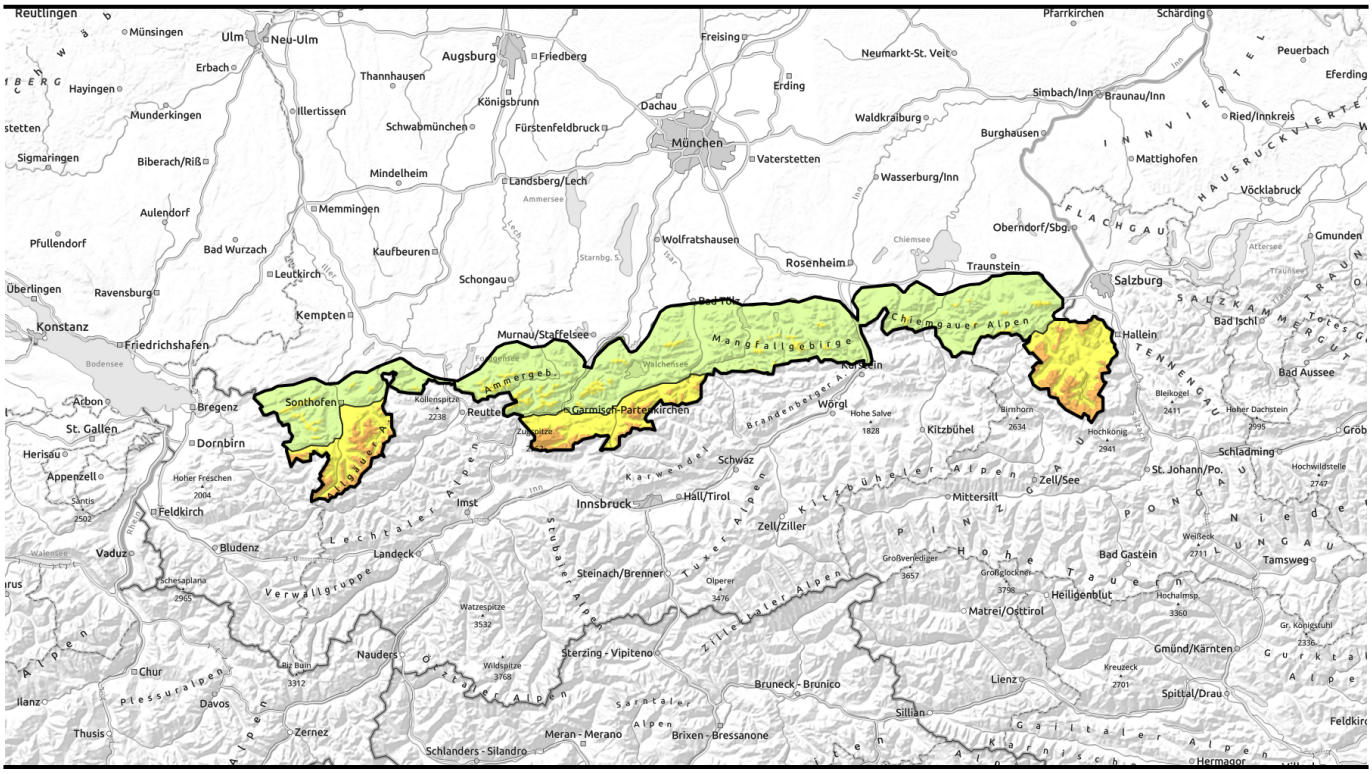
Report from 18.01.2024, 18:00 h *by Lawinenwarndienst Bayern*

**valid for: Friday, 19.01.2024**




# Slabs easily triggered at high altitudes

| | | |
|---|---|---|
| 3<br>2 2000 m | Allgäuer Hauptkamm, Berchtesgadener Alpen, Werdenfelser Alpen |  |
| 2<br>1 1500 m | Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost, Ammergauer Alpen, Allgäuer Vorberge |  |

**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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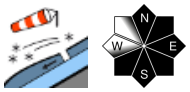
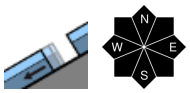
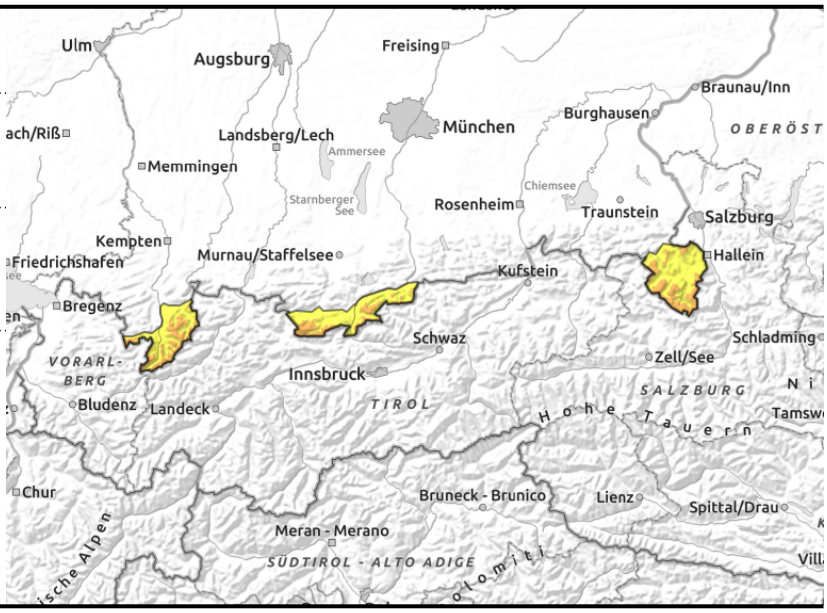
**valid for: Friday, 19.01.2024**

**Allgäuer Hauptkamm, Berchtesgadener Alpen, Werdenfelser Alpen**


2000 m








## Avoid the snowdrifts!

Avalanche danger in the Bavarian Alps is considerable above the treeline. Main problem:fresh snowdrift accumulations. Danger zones occur on steep ridgeline N/E/SW facing slopes, behind discontinuities and in wind-loaded gullies and bowls. Snowdrift accumulations can be triggered as slab avalanches by one sole person and reach medium size.
In addition, glide-snow activity on smooth grass-covered slopes in in forest clearances has increased at intermediate altitudes. Avoid zones below glide cracks.

### Snowpack structure

The fresh snow is being transported by brisk NW winds, snowdrift accumulations are being deposited atop a melt-freeze crust at intermediate altitudes, atop variable wind crusts higher up. Bonding is often poor. In addition, beneath the thin melt-freeze crust are trigger-prone weak layers of faceted crystals. At lower altitudes the snow base is moist, sometimes wet down to the ground, resulting in reinforced gliding movements of the entire snowpack.

### Outlook

Stable high-pressure weather will make avalanche danger levels decrease on the weekend.

**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

**Expositions**

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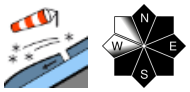
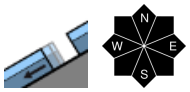
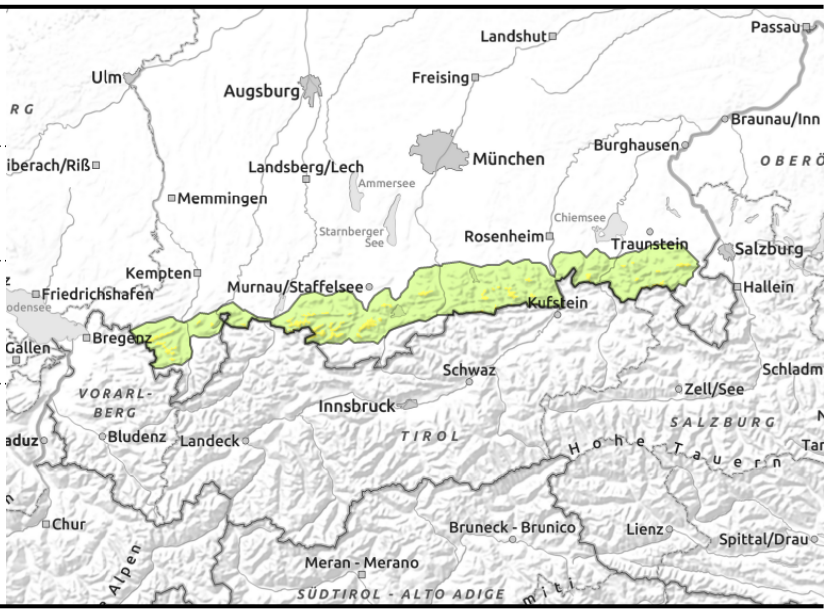
**Bayerische Voralpen West, Bayerische Voralpen Mitte, Bayerische Voralpen Ost, Chiemgauer Alpen West, Chiemgauer Alpen Ost, Ammergauer Alpen, Allgäuer Vorberge**


1500 m








## Snowdrift accumulations prone to triggering at high altitudes

Avalanche danger in the Bavarian Alps is considerable above 1500 m. Main problem:fresh snowdrift accumulations. Danger zones occur on steep ridgeline N/E/SW facing slopes, behind discontinuities and in wind-loaded gullies and bowls. Snowdrift accumulations can be triggered as slab avalanches by one sole person and reach medium size.
In addition, glide-snow activity on smooth grass-covered slopes in in forest clearances has increased at intermediate altitudes. Avoid zones below glide cracks.

### Snowpack structure

The fresh snow is being transported by brisk NW winds, snowdrift accumulations are being deposited atop a melt-freeze crust at intermediate altitudes, atop variable wind crusts higher up. Bonding is often poor. In addition, beneath the thin melt-freeze crust are trigger-prone weak layers of faceted crystals. At lower altitudes the snow base is moist, sometimes wet down to the ground, resulting in reinforced gliding movements of the entire snowpack.

### Outlook

Stable high-pressure weather will make avalanche danger levels decrease on the weekend.

Translated by Jeffrey McCabe, www.creativtrans.com

**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

**Expositions**