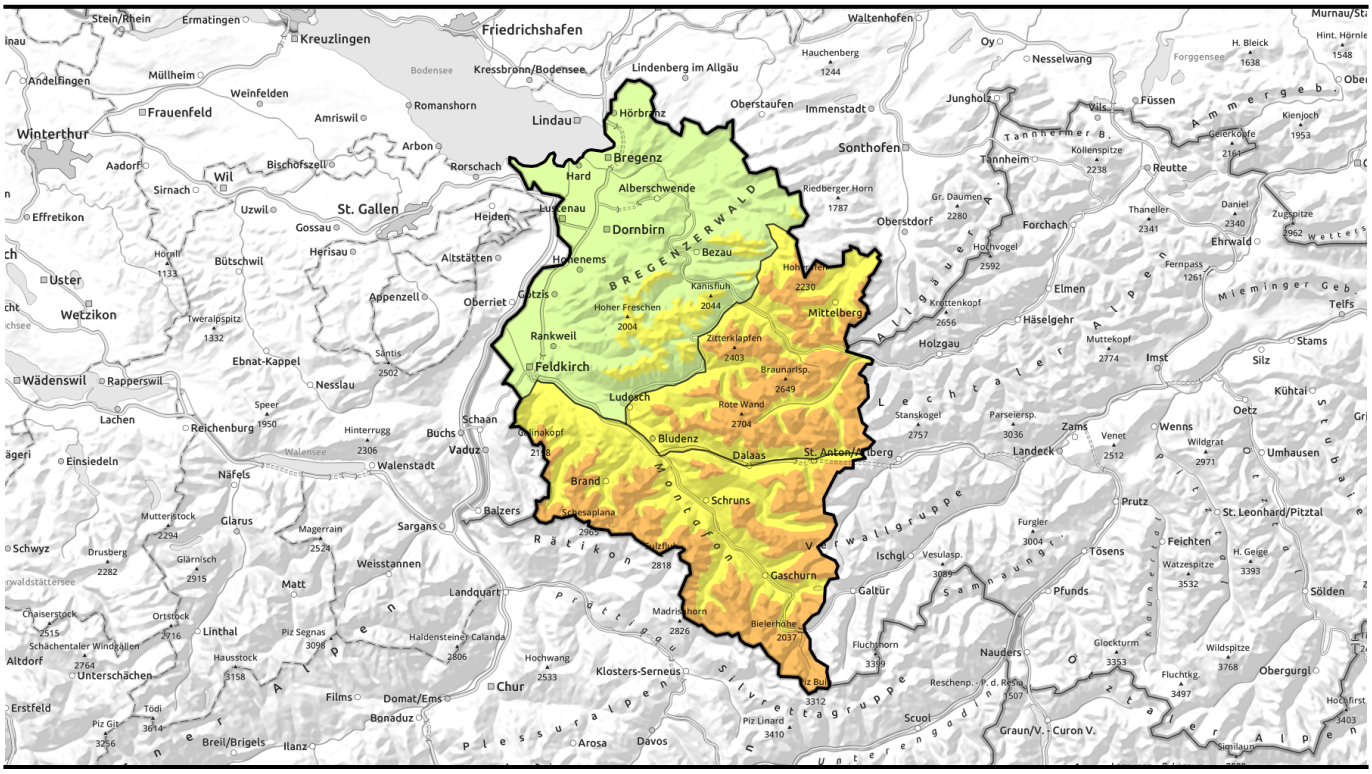
published at 10.02.2023, 18:00 h *by Bernhard Anwander*

Avalanche report for **Saturday, 11.02.2023**



Regionally considerable danger at high altitudes

3 / 2	2200 m	Lechquellengebirge, Lechtaler Alpen, Allgäuer Alpen
2 / 1	forestline	Bregenzerwaldgebirge, Voralpenbereich
3 / 2	2200 m	Rätikon West, Rätikon Ost, Verwall, Silvretta

Avalanche problems

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

Danger ratings

1 low · 2 moderate · 3 considerable · 4 high · 5 very high

Expositions

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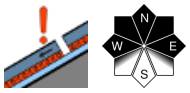
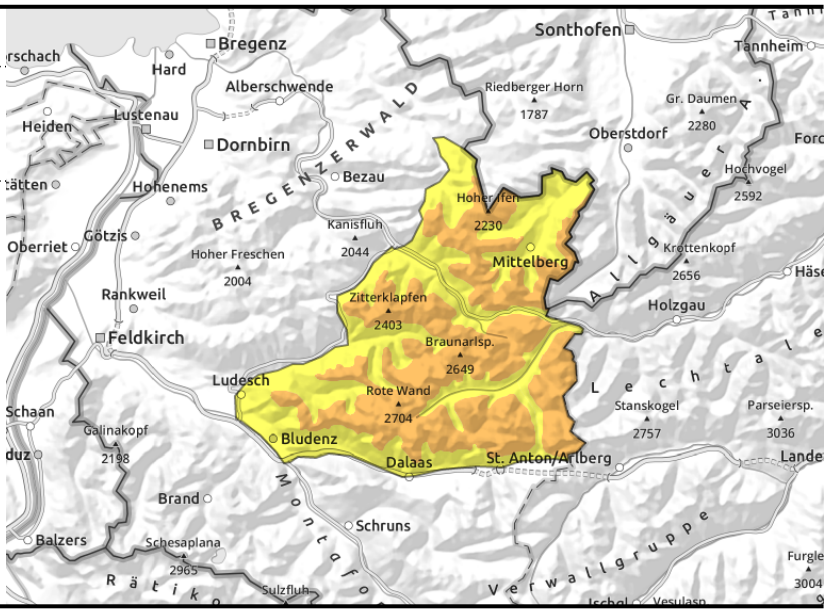
Lechquellengebirge, Lechtaler Alpen, Allgäuer Alpen

2200 m



unfavourable intermediate layers



Still weak layers in the old snow on high-altitude shady slopes

Considerable avalanche danger prevails at high altitudes. Avalanche prone locations occur in shady steep terrain, and in gullies and bowls, Small to medium, in isolated cases also large-sized slab avalanches can be triggered even by minimum additional loading, i.e. the weight of one sole skier. Whumpf noises and glide-cracks in the snowpack are signals of imminent danger. Activities in backcountry terrain demand experience in assessing dangers on-site. Due to solar radiation and daytime warming, small loose-snow avalanches are possible on sunny slopes. On sunny steep grassy slopes, glide-snow avalanches are possible.

Snowpack structure

Fresh snow and drifts from the beginning of the week lie atop unfavourable old snowpack layers, often with surface hoar, melt-freeze encrusted or softened layers. Bonding of fresh snow and drifts to these layers and also inside the snowpack itself is frequently poor. At lower and intermediate altitudes the snowpack was able to settle somewhat, and consolidate. On shady slopes and with ascending altitude this process is taking longer, also due to the lower temperatures. On very steep sunny slopes a thin melt-freeze crust has formed on the surface. The snowpack is often still powdery.

Weather

Nocturnal hours: clear, dry nighttime skies, and cold. Saturday: temporarily windy, a few clouds in the morning. In the afternoon, sunnier, temperatures rising. At 2000 m: -7 to 0 degrees. Moderate to brisk N/NW winds.

Outlook

Sunday will be sunny but for a few cirrus clouds. Cold NE winds. Avalanche danger will slowly diminish.

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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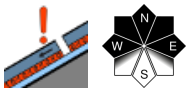
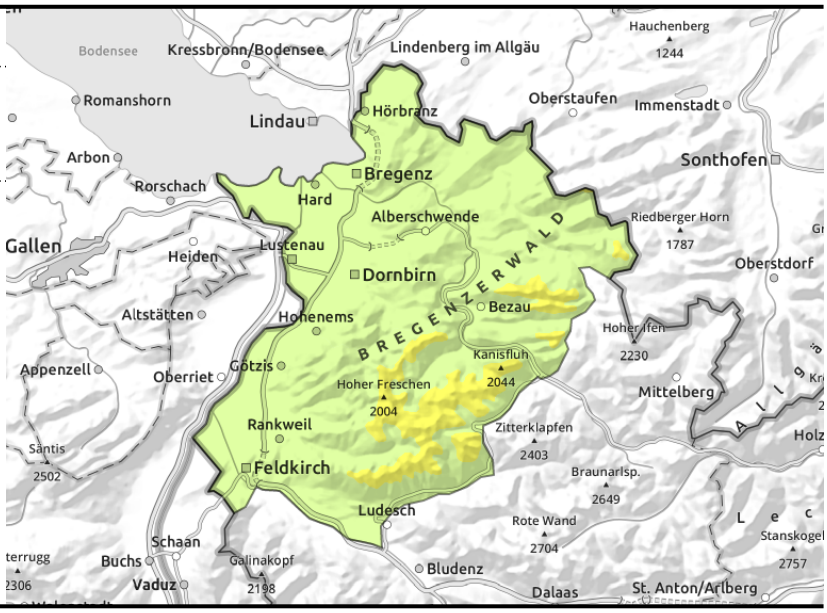
Avalanche report for **Saturday, 11.02.2023**

Bregenzerwaldgebirge, Voralpenbereich

forestline



weak layers on shady wind-loaded steep slopes



Still trigger-sensitive intermediate layers on high-altitude shady slopes

Main problem: weak layers in upper part of the snowpack. Near ridgelines they can be triggered as a slab avalanche by winter sports enthusiasts on steep shady slopes, but releases tend to remain small. Due to solar radiation and daytime warming, small loose-snow avalanches are possible on sunny slopes. Below 2200 m on sunny steep grassy slopes, glide-snow avalanches are possible.

Snowpack structure

Fresh snow and snowdrifts from the beginning of the week lie deposited atop unfavourable layers, often of surface hoar, melt-freeze crusts or softened layers. Bonding of fresh snow and drifts to these layers and also inside the snowpack itself is frequently poor. At lower and intermediate altitudes the snowpack was able to settle somewhat, and consolidate. On shady slopes and with ascending altitude this process is taking longer, also due to the lower temperatures. On very steep sunny slopes a thin melt-freeze crust has formed on the surface. The snowpack is often still powdery.

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Avalanche problems

Danger ratings

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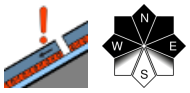
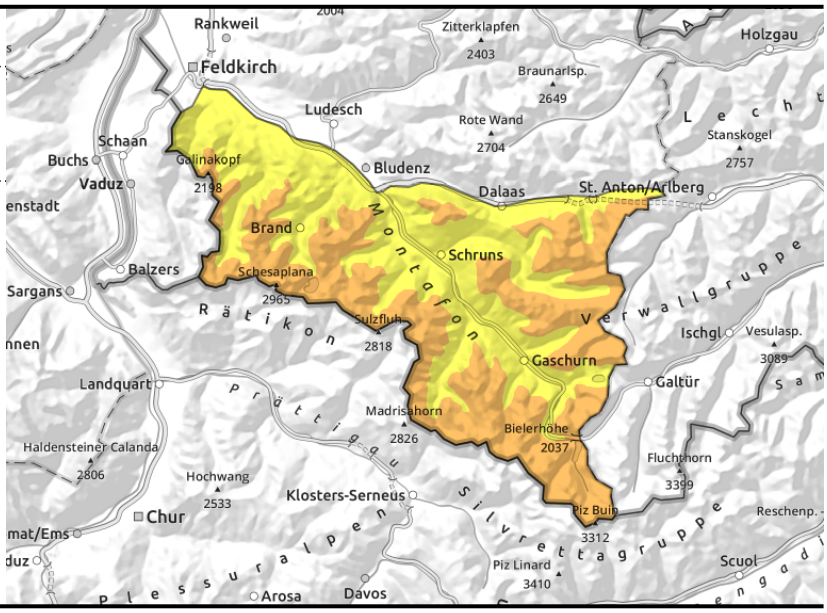
Rätikon West, Rätikon Ost, Verwall, Silvretta

2200 m



unfavourable intermediate layers



Still weak layers in the old snow on high-altitude shady slopes

At high altitudes, considerable avalanche danger still prevails. Avalanche prone locations occur in wind-loaded steep terrain, also distant from ridgelines and particularly behind abrupt discontinuities in the terrain, in gullies and bowls. Size and spread of the danger zones increase with ascending altitude. Whumpf noises and glide cracks in the snowpack surface are signals of danger. Also remote triggerings and naturally triggered avalanches are possible. If avalanches fracture down to these layers they can grow to large size. On sunny steep grassy slopes, glide-snow avalanches are possible during the day.

Snowpack structure

Fresh snow and snowdrifts from the beginning of the week lie deposited atop unfavourable layers, often of surface hoar, melt-freeze crusts or softened layers. Bonding of fresh snow and drifts to these layers and also inside the snowpack itself is frequently poor. At lower and intermediate altitudes the snowpack was able to settle somewhat, and consolidate. On shady slopes and with ascending altitude this process is taking longer, also due to the lower temperatures. On very steep sunny slopes a thin melt-freeze crust has formed on the surface. The snowpack is often still powdery.

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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