

Rising avalanche danger due to fresh snow, wet-snow problem intensifying



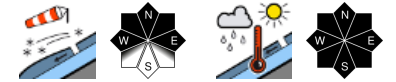
1600 m

Voralpenbereich

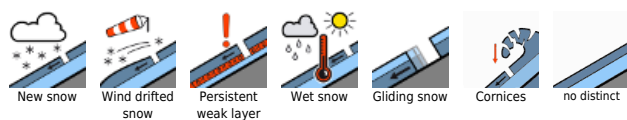


1600 m

Lechquellengebirge, Lechtaler Alpen, Verwall, Rätikon West, Rätikon Ost, Silvretta, Bregenzerwaldgebirge, Allgäuer Alpen



Avalanche problems



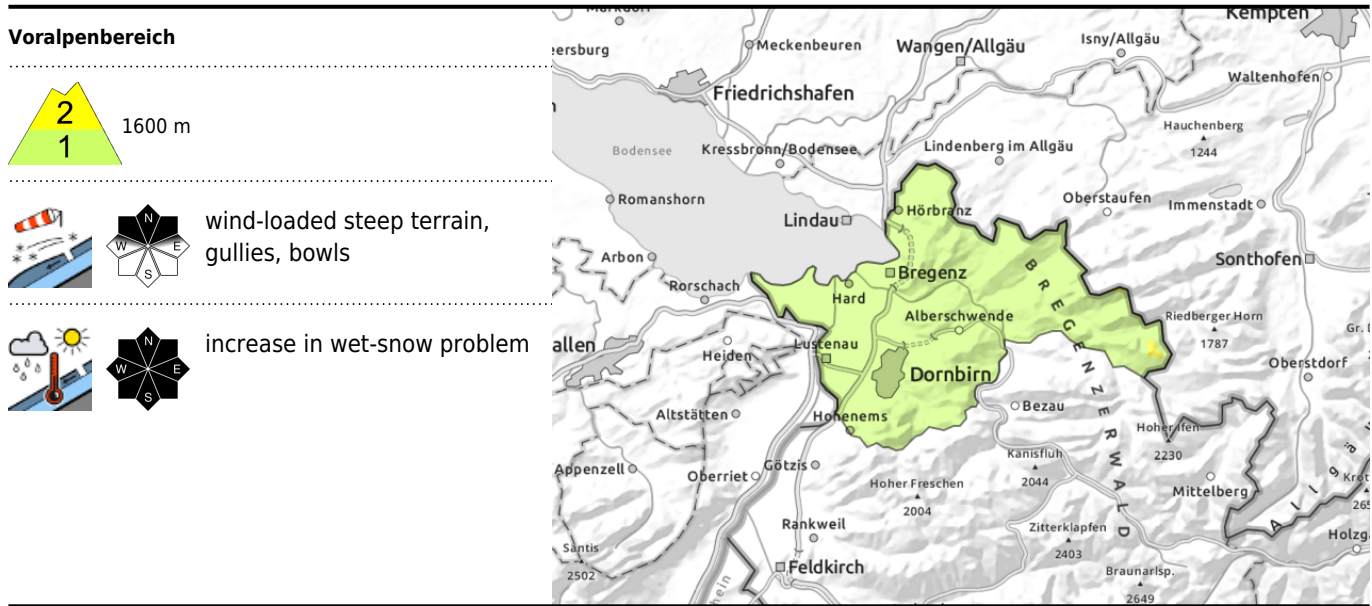
Danger ratings



Expositions



Avalanche report for Friday, 21.04.2023



Loss of snowpack firmness due to rainfall below 2000 m and daytime warmth

Due to fresh fallen snow and winds, snowdrift accumulations are being generated which are often prone to triggering. Danger zones increase with ascending altitude, esp. in steep shady terrain and wind-loaded gullies and bowls. Furthermore, avalanches can in some places be triggered by near-surface layers. Frequency and size of danger zones increase with ascending altitude. Naturally triggered glide-snow avalanches can be expected. Caution urged on slopes with glide-cracks.

Snowpack structure

In the northern regions there has been 10-20 cm of fresh snow, elsewhere less. It was often deposited atop a melt-freeze encrusted surface, on north-facing slopes at high altitudes atop a loose old snowpack surface. Amid mostly moderate winds (stronger in foehn-impacted zones) fresh, trigger-sensitive snowdrifts have accumulated. With rising temperatures and foehn southerly winds, the zero-degree level will rise on Friday to about 2500 m. On high altitude shady slopes, near-surface layers are still prone to triggering. At intermediate altitudes the snowpack is thoroughly wet. Below 1400 m there is hardly any snow on the ground.

Weather

Nocturnal hours: rain till after midnight, snowfall level at 2000 m, tapering off in early morning. Friday: isolated snow showers in early morning, cloudy later on, diffuse light conditions. In the afternoon, more sunshine, light convective cloud build-up, isolated showers are possible. At 2000 m: -3 to +3 degrees. Moderate southerly winds.

Outlook

On Saturday, dry and higher temperatures at all altitudes. Not much wind. Danger of dry-snow avalanches will recede. Daytime rise in temperatures will make wet-snow avalanche danger palpable.

Avalanche problems



Danger ratings

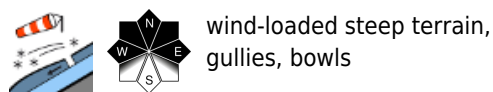


Expositions

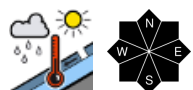


Avalanche report for Friday, 21.04.2023

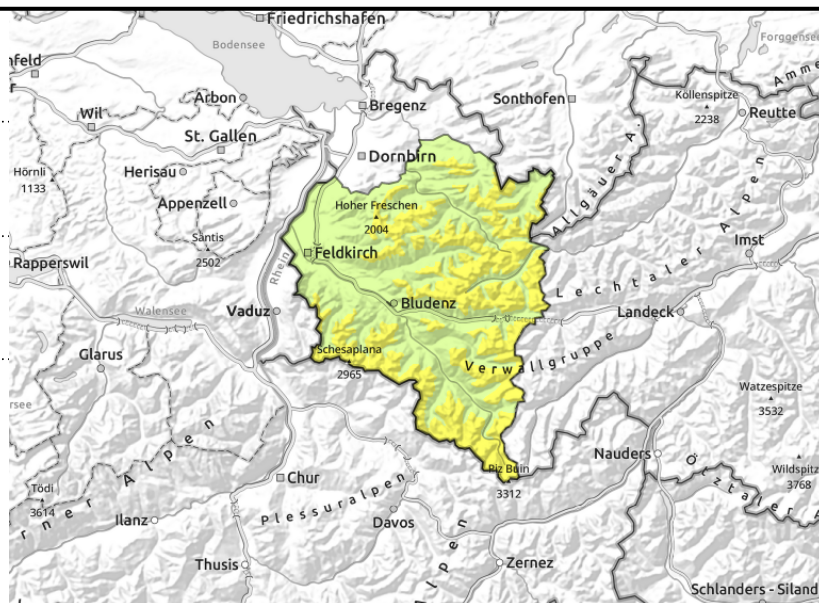
Lechquellengebirge, Lechtaler Alpen, Verwall, Rätikon West, Rätikon Ost, Silvretta, Bregenzerwaldgebirge, Allgäuer Alpen



wind-loaded steep terrain, gullies, bowls



increase in wet-snow problem



Freshly generated snowdrifts at high altitudes. Due to rainfall below 2000 m and daytime warming, loss of snowpack firmness.

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Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



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