

Avalanche danger moderate, often regionally low

	2200 m Rätikon West, Rätikon Ost, Silvretta, Verwall, Lechquellengebirge, Lechtaler Alpen, Allgäuer Alpen	
	Bregenzerwaldgebirge	
	Voralpenbereich	

Avalanche problems



Danger ratings



Expositions

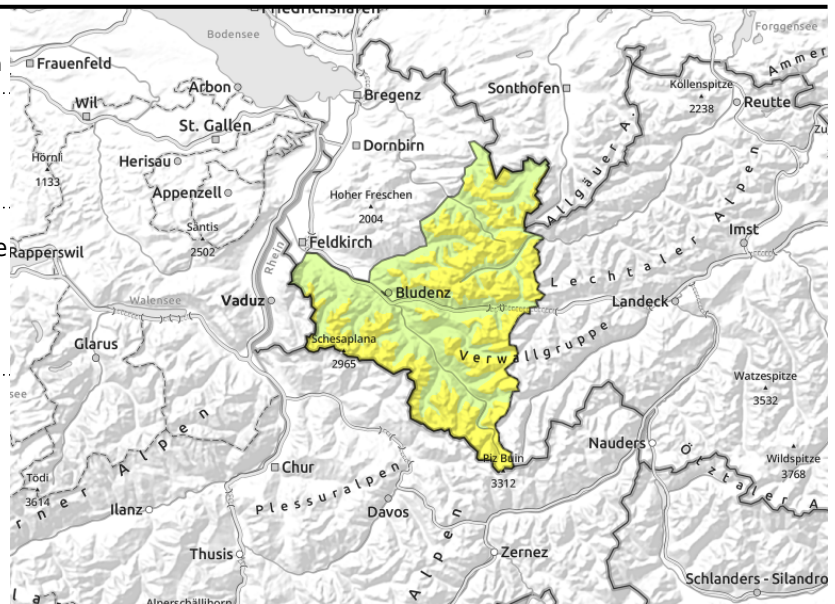


Rätikon West, Rätikon Ost, Silvretta, Verwall, Lechquellengebirge, Lechtaler Alpen, Allgäuer Alpen



superficial layers; in high alpine regions on steep shady slopes; often unfavourable intermediate layers

in ridgeline and pass areas mostly small snowdrift accumulations



Main danger: persistent weak layer. Heed fresh drifts at high altitudes.

Amid moderate-strength northeasterly winds, mostly small-sized snowdrift accumulations have been generated which can be triggered even by one sole winter sports enthusiast. Superficial layers in wind-impacted steep terrain, in wind-loaded gullies and bowls and behind abrupt discontinuities in the terrain are often still prone to triggering. Danger zones increase in size and spread with ascending altitude. In addition, on steep, less-tracked shady slopes in high alpine regions or in transitions from shallow to deep snow, deeply embedded layers inside the snowpack are triggerable by large additional loading. As a result of solar radiation and daytime warming, more slides and small-sized loose-snow avalanches are possible. On steep grass-covered slopes, isolated small glide-snow avalanches are also possible. Below 2000 m, isolated small avalanches can release in extremely steep terrain.

Snowpack structure

In pass and ridgeline areas, small snowdrift accumulations have been generated afresh due to moderate-strength NE winds. The new snowdrift masses were often deposited atop surface hoar, particularly at intermediate altitudes. In ridgeline and pass areas, behind abrupt discontinuities in the terrain and in wind-exposed terrain, older snowdrift accumulations occur and are often poorly bonded with the snowpack surface or other intermediate layers. On shady leeward slopes and at low altitudes the fresh snow is often loose. At high altitudes on shady slopes in particular, there are still weak layers inside the snowpack which are not visible to the naked eye. At low and intermediate altitudes the snowpack is generally well consolidated. There is often surface hoar evident, esp. at low and intermediate altitudes.

Weather

Nocturnal hours: clear skies in most places and low temperatures. Sunday: high-pressure front conditions: quite sunny, little wind. High altitude clouds might hamper the sunshine somewhat. Temperatures will rise slightly. At 2000 m: -5 degrees. Light to moderate NE winds.

Avalanche problems



Danger ratings



Expositions



Avalanche report for **Sunday, 29.01.2023**

Outlook

On Monday, sunshine until after noon. Intensifying NW winds, more clouds, announce the coming of a cold front which will arrive in the evening, noticeably deteriorating the weather, including snowfall and strong-to-stormy NW winds. On Monday afternoon, avalanche danger levels will increase somewhat due to fresh snowfall and winds.

Avalanche problems

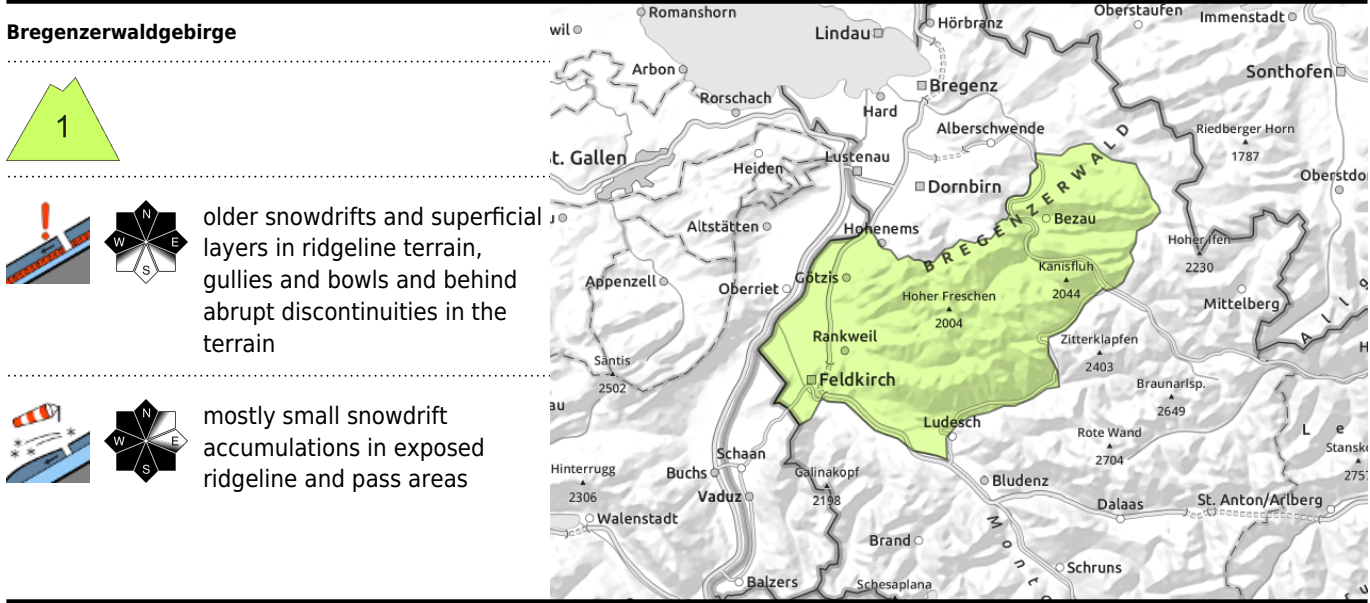


Danger ratings



Expositions





Main danger : older snowdrift accumulations at high altitudes. Heed drifts in exposed terrain.

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Snowpack structure

In exposed pass and ridgeline areas, small snowdrift accumulations have been generated afresh due to moderate-strength NE winds. The new snowdrift masses were often deposited atop surface hoar, particularly at intermediate altitudes. In ridgeline and pass areas, behind abrupt discontinuities in the terrain and in wind-exposed terrain, older snowdrift accumulations occur and are often poorly bonded with the snowpack surface or other intermediate layers. On shady leeward slopes and at low altitudes the fresh snow is often loose. At high altitudes on shady slopes in particular, there are still weak layers inside the snowpack which are not visible to the naked eye. At low and intermediate altitudes the snowpack is generally well consolidated. There is often surface hoar evident, esp. at low and intermediate altitudes.

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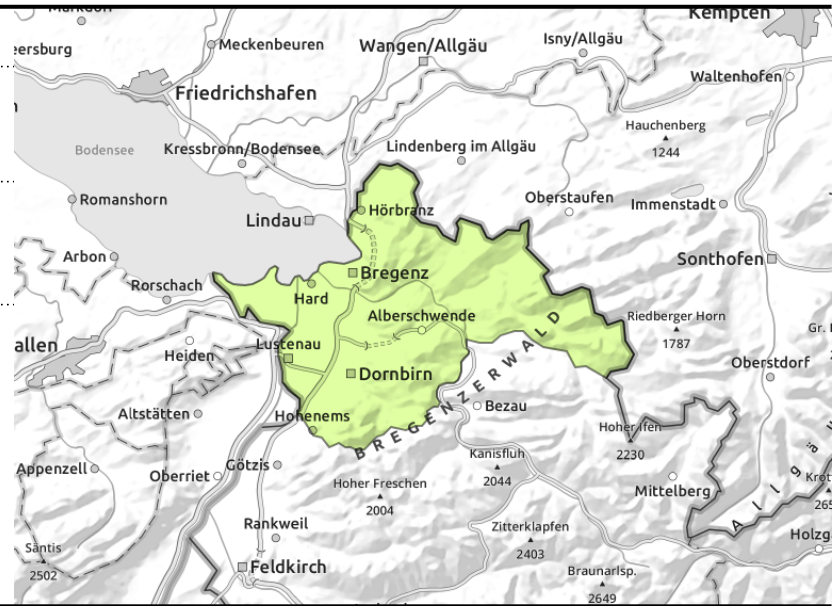
Voralpenbereich



small, shallow weak layers



in exposed ridgeline and pass areas, mostly small snowdrift accumulations



Overall little snow on the ground, low avalanche danger. Heed fresh drifts in exposed zones.

Avalanche danger is generally low. Main problem: superficial layers in wind-impacted steep terrain, in wind-loaded gullies and bowls and behind abrupt discontinuities in the terrain are often still prone to triggering. On shady slopes the snow is still powdery, there is surface hoar mostly at low and intermediate altitudes. On sunny slopes there are melt-freeze encrusted surfaces. Only on higher altitude steep ridgeline slopes are there small, often trigger-sensitive snowdrift accumulations which have persisted.

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published at 28.01.2023, 18:00 h by Bernhard Anwander

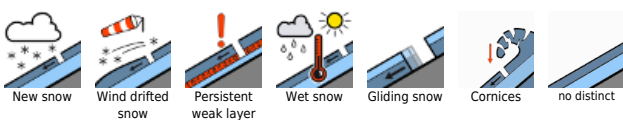
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somewhat due to fresh snowfall and winds.

Translated by Jeffrey McCabe, www.creativtrans.com

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