

Low and moderate avalanche danger - Some weak layers in old snow - Wet daytime avalanches



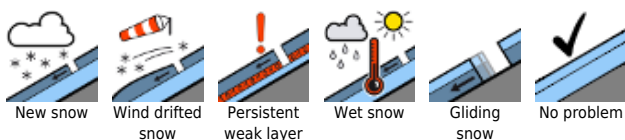
2400 m Lechquellengebirge, Lechtaler Alpen, Verwall, Silvretta, Rätikon Ost, Rätikon West



Bregenzerwaldgebirge, Allgäuer Alpen



Avalanche problems

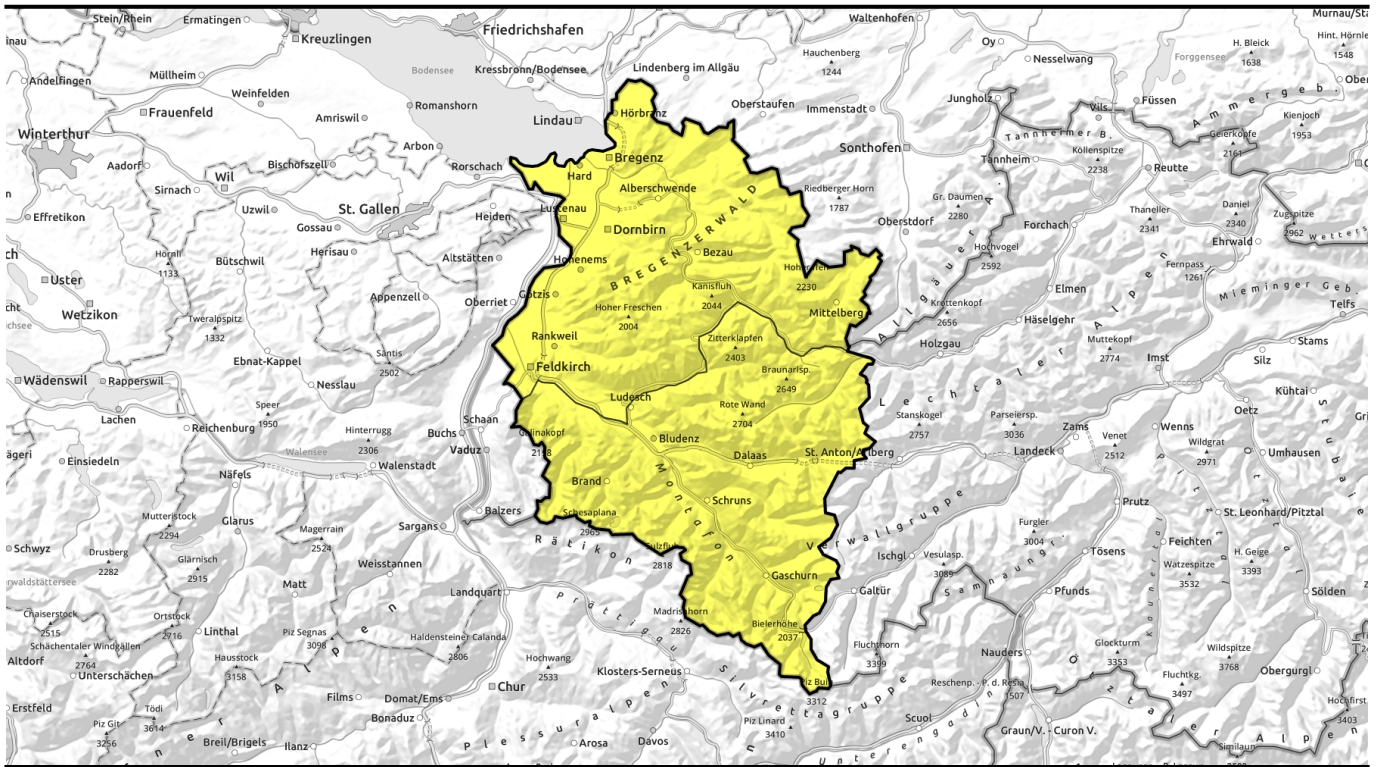


Danger ratings



Expositions





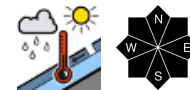
geringe und mäßige Lawinengefahr - in Hochlagen teilweise Schwachschichten im Altschnee und im Tagesverlauf nasse Lawinen.



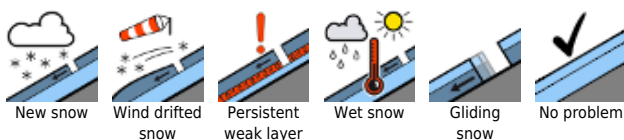
Lechtellengebirge, Lechtaler Alpen, Verwall, Silvretta, Rätikon Ost, Rätikon West



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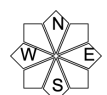
Avalanche problems



Danger ratings

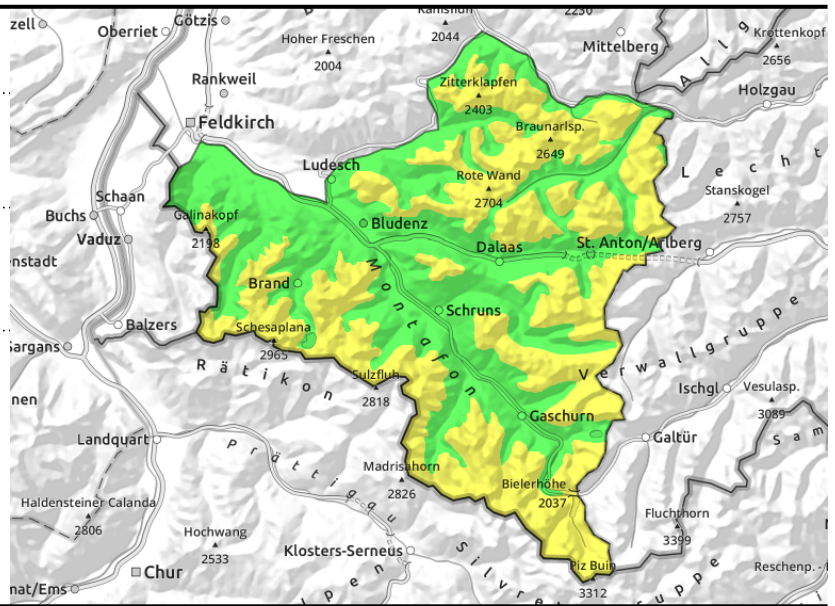
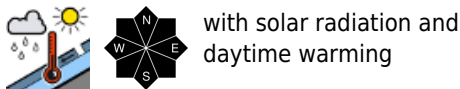


Expositions



14.04.2022, morning

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



Solar radiation and high temperatures lead to swift loss of firmness and increased wet-snow avalanches

Danger is frequently low, at high altitudes and as the day progresses moderate. Weak layers in the old snow can often be triggered at high altitudes, small-to-medium avalanches can be released even by one sole skier. Danger zones occur especially on very steep shady slopes. Naturally or minimum-artificially triggered moist slides and wet avalanches can be expected with solar radiation and daytime warming particularly on E/S/W facing slopes up to high altitudes and on shady slopes below about 2200m. In regions where snowfall has been heavy on very steep grassy slopes, glide-snow avalanches continue to be possible. Backcountry tour should be launched early, brought to an end early.

Snowpack structure

Bonding of recent snowdrift accumulations to the old snowpack is generally good, deteriorates particularly on steep shady slopes with ascending altitude. Small to medium slab avalanches can trigger in the uppermost layers of the snowpack or near the layer of dust from the Sahara. During the mild, partially clear night, a crust formed which sometimes can, sometimes cannot, bear loads. It softens rapidly due to solar radiation and rising daytime temperatures, thereby losing its firmness. The snowpack is disappearing at low and intermediate altitudes.

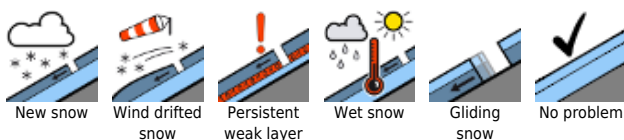
Weather

The air is becoming instable, morning sunshine, only few clouds high above the summits. In the afternoon, convective cloud build-up, some showers are possible. Still warm: the zero-degree level is 3200m. At 2000: 4-9 degrees. Light to moderate SW winds.

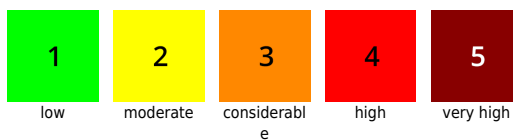
Outlook

Thursday night skies will be overcast, the outgoing longwave radiation reduced. The snowpack has next to no reserves of cold left. Moderate danger of wet-snow and glide-snow avalanches right from the start of the day on Friday.

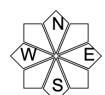
Avalanche problems



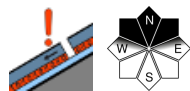
Danger ratings



Expositions



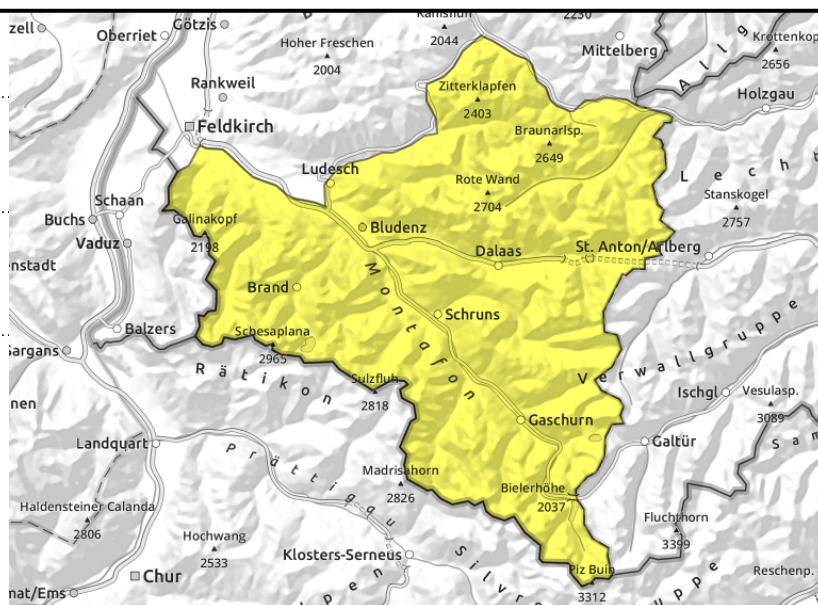
Lechquellengebirge, Lechtaler Alpen, Verwall, Silvretta, Rätikon Ost, Rätikon West



above 2400m



with solar radiation and daytime warming



Solar radiation and high temperatures lead to swift loss of firmness and increased wet-snow avalanches

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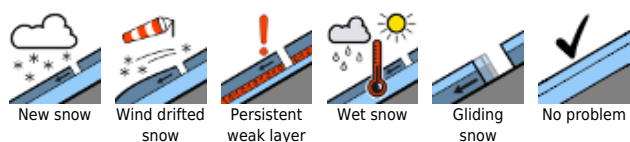
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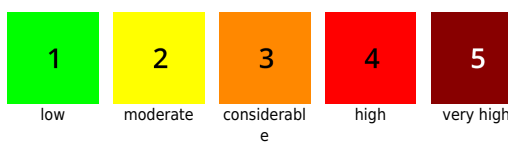
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Avalanche problems



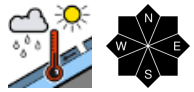
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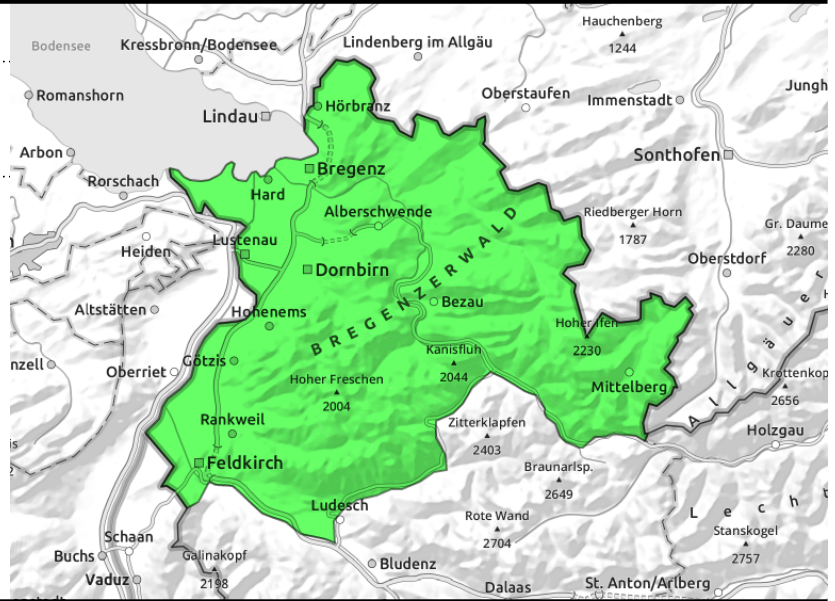
Expositions



Bregenzerwaldgebirge, Allgäuer Alpen



due to solar radiation and higher temperatures



Solar radiation and high temperatures lead to swift loss of firmness and increasing wet-snow avalanches

Avalanche danger swiftly rises from low to moderate. Naturally or minimum-artificially triggered moist slides and wet avalanches can be expected especially on E/S/W facing slopes up to high altitudes and on shady slopes below 2200m as temperatures rise during the day. In regions where snowfall has been heavy on very steep grassy slopes, glide-snow avalanches continue to be possible. Backcountry tours should be launched early, brought to an end early. Weak layers in the old snow can still be disturbed at high altitudes in isolated cases. Danger zones occur particularly on very steep shady slopes.

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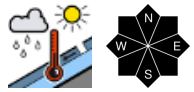
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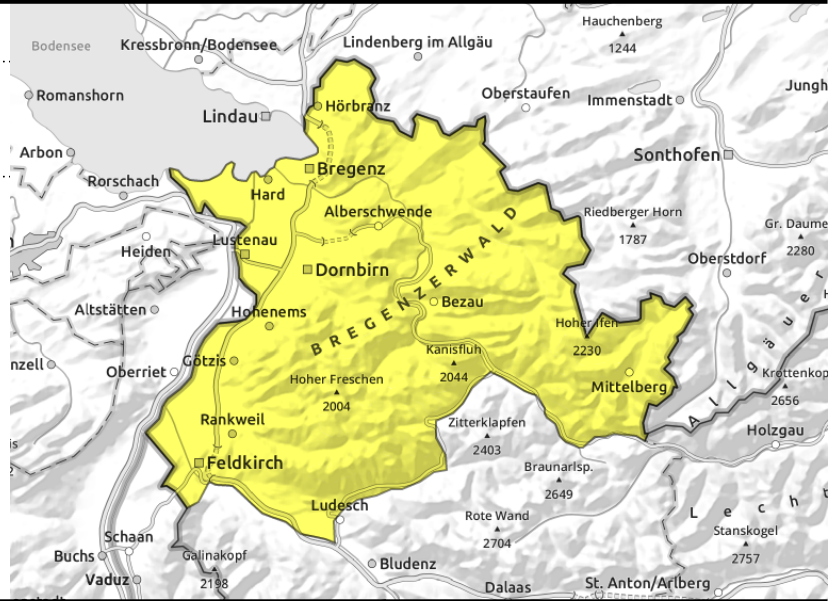
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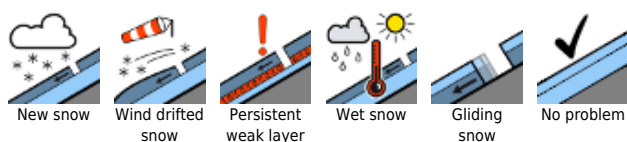
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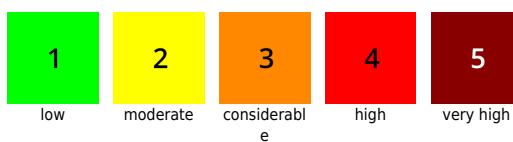
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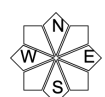
Avalanche problems



Danger ratings



Expositions



14.04.2022, afternoon

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



New snow



Wind drifted snow



Persistent weak layer



Wet snow



Gliding snow



No problem

Danger ratings



1

low



2

moderate



3

considerable



4

high



5

very high

Expositions

