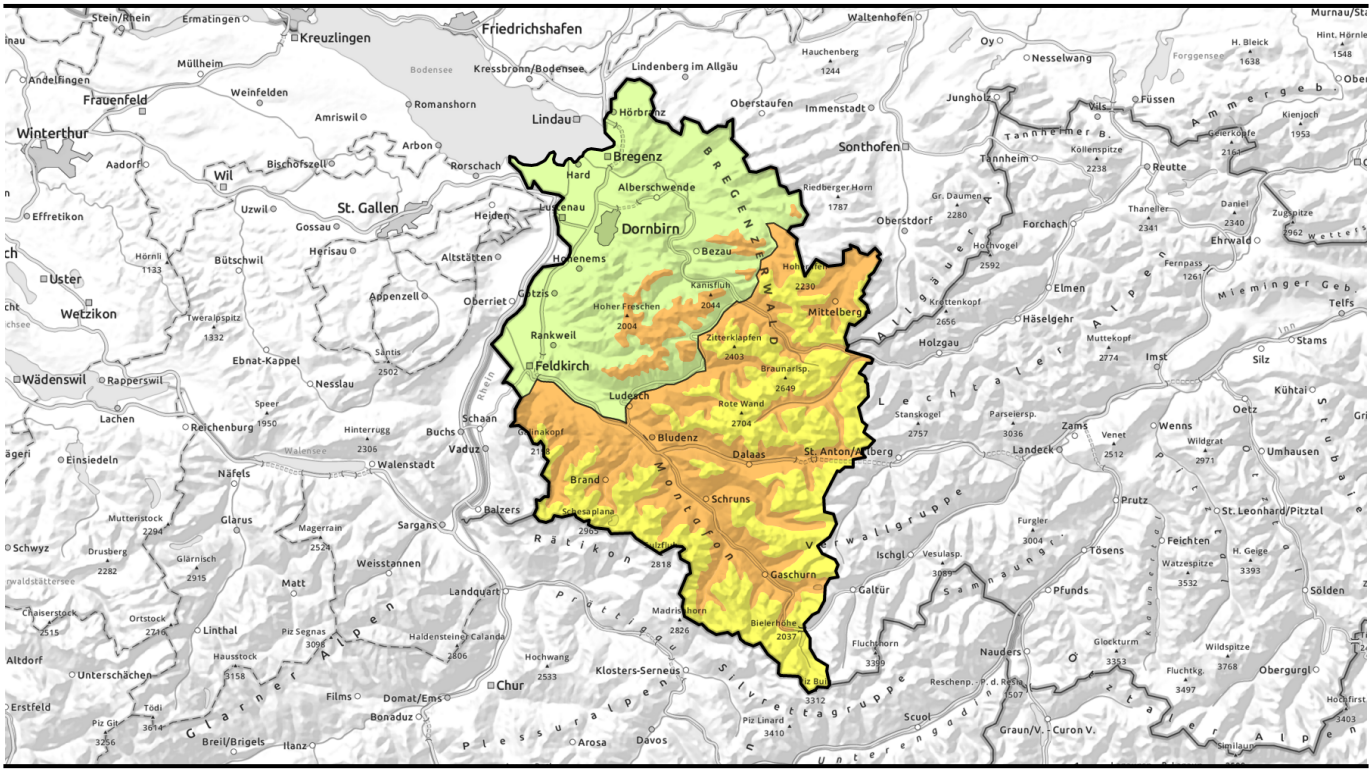
Report from 04.04.2024, 18:00 h *by Andreas Pecl*

valid until: Friday, 05.04.2024, 18:00 h



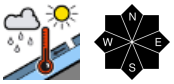
Increasing avalanche danger due to markedly higher temperatures. Wet-snow/gliding snow problem.

2600 m

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

1600 m

Bregenzerwaldgebirge, Voralpenbereich



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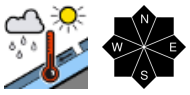
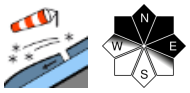
Verwall, Lechquellengebirge, Lechtaler Alpen, Allgäuer Alpen, Rätikon West, Rätikon Ost, Silvretta

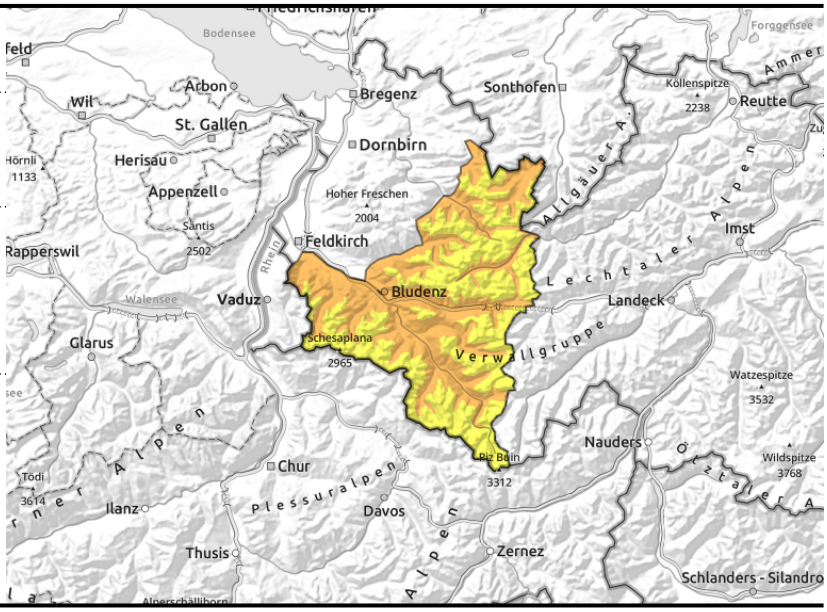
2600 m



<2600 m glide-snow avalanches on steep smooth slopes, more wet avalanches due to warmth



>2300 m near ridges, passes, behind discontinuities, wind-loaded gullies, bowls



Wet-snow/glide-snow avalanches due to warmth

Due to striking rise in temperatures and solar radiation, increasingly frequent wet-snow avalanches can be expected, esp. on sunny slopes but also in shady terrain. Wet-snow and glide-snow avalanches can grow to medium size in starting zones where there is enough snow, releases can grow large. With ascending altitude and in high-alpine regions, small fresh and older snowdrift accumulations are still trigger-prone, now blanketed by the most recent fresh fallen snow and difficult to recognize. Small-to-meidum slab avalanches can be triggered by 1 person. Danger zones behind discontinuities and in wind-loaded gullies and bowls. Near-surface layers of the old snowpack are triggerable mostly by large additional loading. Backcountry tours require a cautious route selection.

Snowpack structure

The latest fresh snow and freshly generated snowdrift accumulations were able to consolidate, are now well bonded, but some lie deposited atop soft layers and are prone to triggering with ascending altitude. Below 2200 m the old snowpack is thoroughly moist, wet down to the ground, this reinforces gliding over smooth ground.

Weather

Nocturnal hours: heavy cloud cover, mild. Friday daytime: Striking rise in temperatures. zero-degree level ascending to over 3000 m. Quite sunny. At 2000 m: 5-10 degrees. Moderate to brisk SW winds.

Outlook

Saturday will be quite sunny, even milder. Zero-degree level will rise to 4000 m! Wet-snow avalanches will increase significantly, also glide-snow avalanches will be more frequent.

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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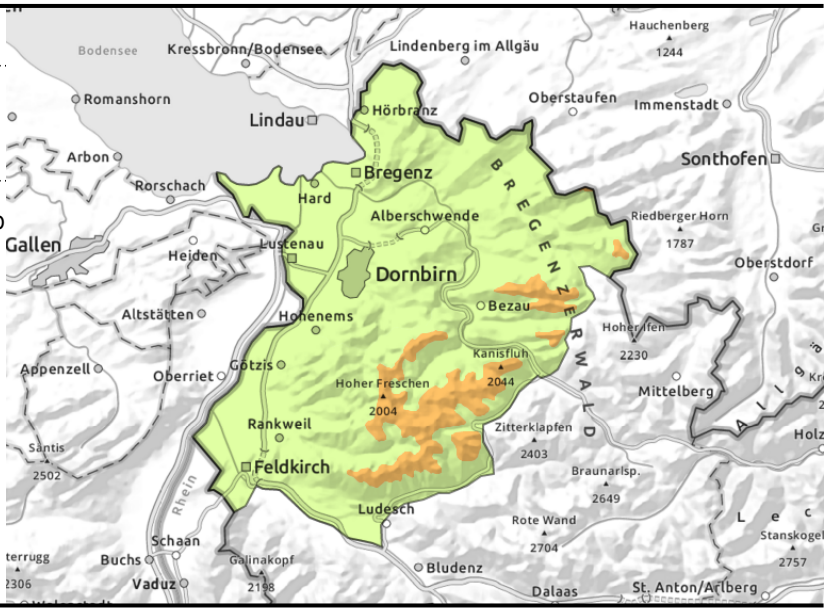
Bregenzerwaldgebirge, Voralpenbereich

1600 m

glide-snow avalanches on steep smooth slopes, wet slides and avalanches



Increasingly frequent wet-snow avalanches due to warmth

Due to striking rise in temperatures and solar radiation, increasingly frequent wet-snow avalanches can be expected, esp. on sunny slopes but also in shady terrain. Wet-snow and glide-snow avalanches can grow to medium size in starting zones where there is enough snow, releases can grow large. With ascending altitude and in high-alpine regions, small fresh and older snowdrift accumulations are still trigger-prone, now blanketed by the most recent fresh fallen snow and difficult to recognize. The danger of falling outweighs that of snow masses.

Snowpack structure

Recent fresh snow was able to settle and consolidate, it lies deposited atop a mostly compact, moist-to-wet old snowpack and is well bonded. Marked weak layers are not evident. Near-surface layers have Sahara dust embedded. As temperatures rise, firmness will be forfeited. Very little snow below 1500 m.

Weather

Nocturnal hours: heavy cloud cover, mild. Friday daytime: Striking rise in temperatures. zero-degree level ascending to over 3000 m. Quite sunny. At 2000 m: 5-10 degrees. Moderate to brisk SW winds.

Outlook

Saturday will be quite sunny, even milder. Zero-degree level will rise to 4000 m! Wet-snow avalanches will increase significantly, also glide-snow avalanches will be more frequent.

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

1	2	3	4	5
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Expositions

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