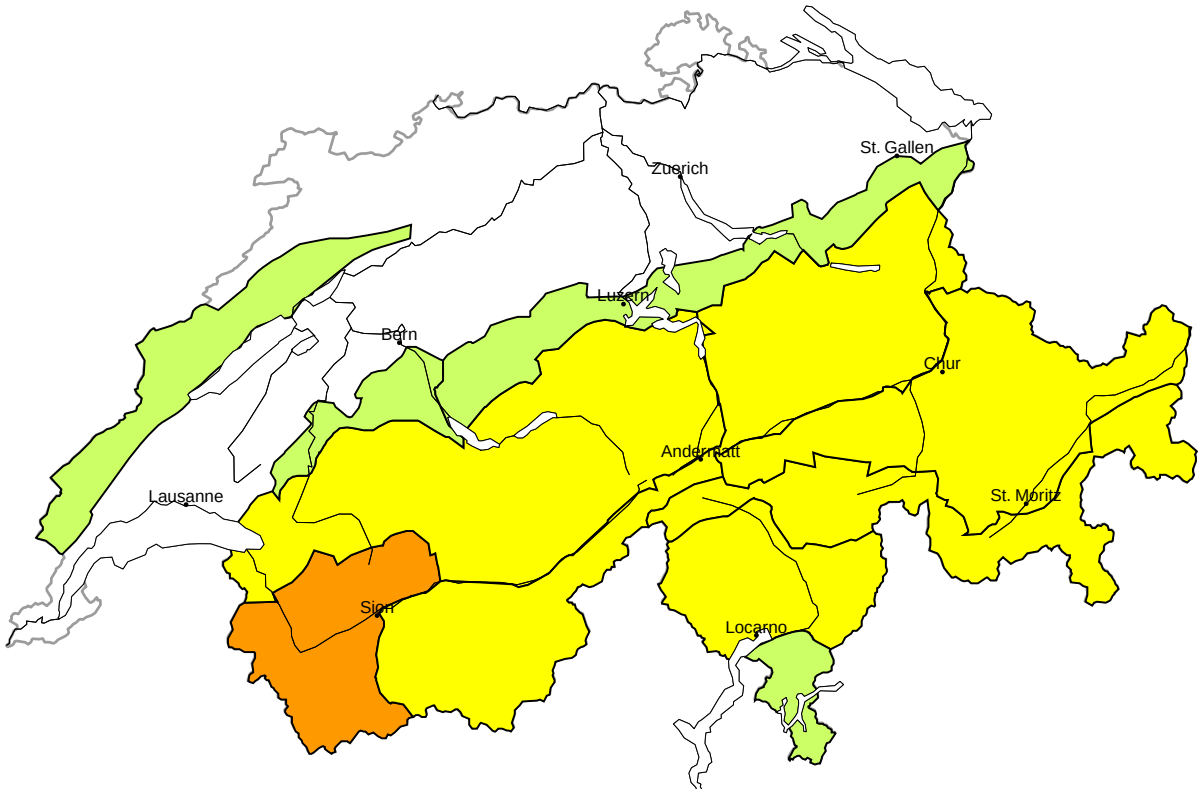
Avalanche bulletin for Monday, 22. January 2024

Avalanche danger

updated on 22.1.2024, 08:00

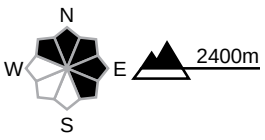


region A

Considerable (3-)

Wind slab

Avalanche prone locations



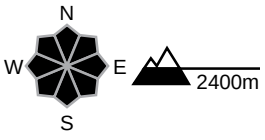
Danger description

As a consequence of a gathering storm force southwesterly wind, avalanche prone wind slabs will form. Avalanches can additionally be released in near-surface layers at elevated altitudes. Single winter sport participants can release avalanches. They can reach large size in isolated cases. Backcountry touring calls for experience in the assessment of avalanche danger.

Moderate (2)

Gliding snow

Avalanche prone locations



Danger description

Gliding avalanches are possible. These can reach large size. Caution is to be exercised in areas with glide cracks.

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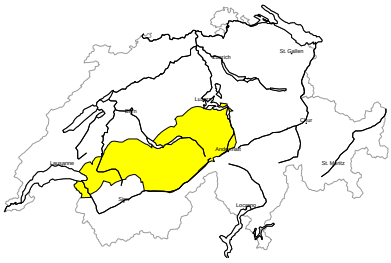
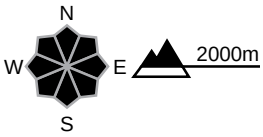
region B



Moderate (2+)

Wind slab

Avalanche prone locations



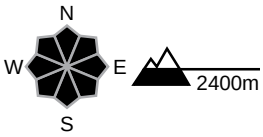
Danger description

As a consequence of a gathering storm force southwesterly wind, avalanche prone wind slabs will form in the course of the day. Avalanches can additionally be released in near-surface layers in isolated cases. The avalanche danger will increase during the day. In the afternoon possibly danger level 3 (considerable) will be reached. Single winter sport participants can release avalanches, including medium-sized ones. Backcountry touring calls for careful route selection.

Moderate (2)

Gliding snow

Avalanche prone locations



Danger description

Gliding avalanches are possible. These can reach large size. Caution is to be exercised in areas with glide cracks.

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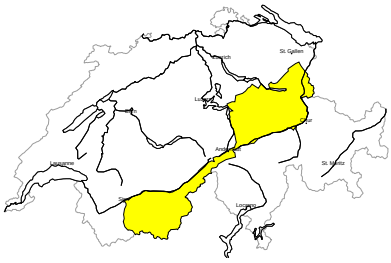
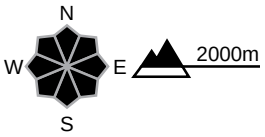
region C



Moderate (2+)

Wind slab

Avalanche prone locations



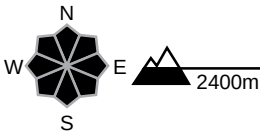
Danger description

The wind slabs of the last few days are in some cases prone to triggering. The number and size of avalanche prone locations will increase with altitude. As a consequence of a strengthening southwesterly wind, further wind slabs will form in the course of the day. The avalanche danger will increase a little during the day. Winter sport participants can release avalanches, including medium-sized ones. Backcountry touring calls for careful route selection.

Moderate (2)

Gliding snow

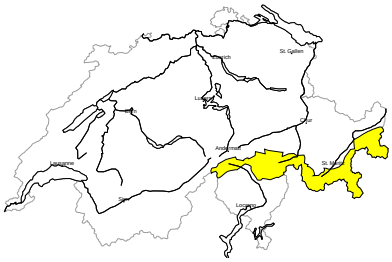
Avalanche prone locations



Danger description

Gliding avalanches are possible. These can reach large size. Caution is to be exercised in areas with glide cracks.

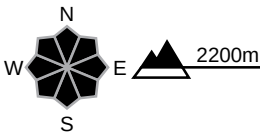
region D



Moderate (2=)

Wind slab

Avalanche prone locations



Danger description

As a consequence of a moderate to strong southwesterly wind, avalanche prone wind slabs will form in the course of the day. In addition the wind slabs of last week are capable of being triggered in some cases still. Single winter sport participants can release avalanches in some places. At elevated altitudes the prevalence and size of the avalanche prone locations will increase. In isolated cases avalanches are medium-sized. Backcountry touring calls for careful route selection.

Low (1)

Gliding snow

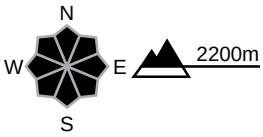
On steep grassy slopes gliding avalanches are possible. These can reach large size in isolated cases. Caution is to be exercised in areas with glide cracks.

region E

Moderate (2=)

Wind slab

Avalanche prone locations

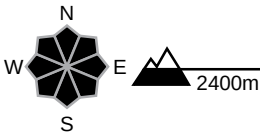


Danger description
As a consequence of a moderate to strong southwesterly wind, avalanche prone wind slabs will form in the course of the day. In addition the wind slabs of last week are capable of being triggered in some cases still. Single winter sport participants can release avalanches in some places. At elevated altitudes the prevalence and size of the avalanche prone locations will increase. In isolated cases avalanches are medium-sized. Backcountry touring calls for careful route selection.

Moderate (2)

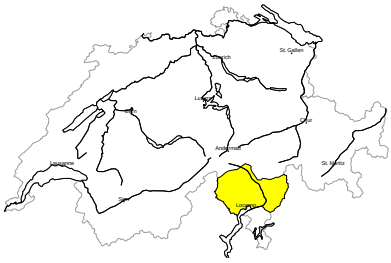
Gliding snow

Avalanche prone locations



Danger description
Gliding avalanches are possible. These can reach large size. Caution is to be exercised in areas with glide cracks.

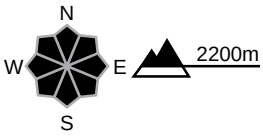
region F



Moderate (2-)

Wind slab

Avalanche prone locations



Danger description
The fresh and older wind slabs can be released in some cases. The wind slabs are to be evaluated with care and prudence especially in very steep terrain. Apart from the danger of being buried, restraint should be exercised as well in view of the danger of avalanches sweeping people along and giving rise to falls.

Low (1)

Gliding snow

On steep grassy slopes individual small to medium-sized gliding avalanches are possible. Caution is to be exercised in areas with glide cracks.

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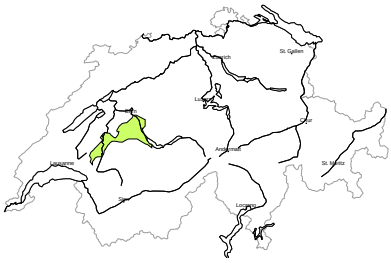
region G

Low (1)



Wind slab

As a consequence of a sometimes strong westerly wind, small wind slabs will form in some localities. Such avalanche prone locations are to be found in extremely steep terrain above approximately 1800 m. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

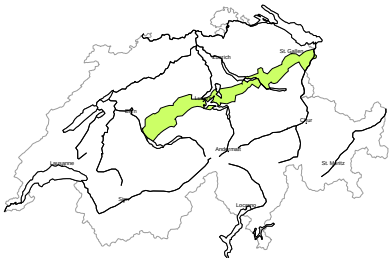
Low (1)

Wet snow

As a consequence of the rain moist snow slides are possible in the afternoon.

region H

Low (1)



Wind slab

As a consequence of a sometimes strong westerly wind, small wind slabs will form in some localities. Such avalanche prone locations are to be found in extremely steep terrain above approximately 1800 m. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

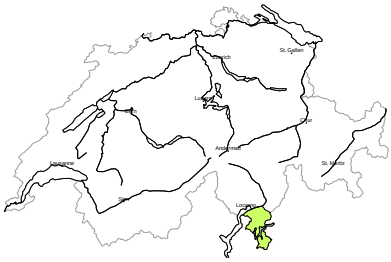
Low (1)

Gliding snow

On steep grassy slopes individual small to medium-sized gliding avalanches are possible. Caution is to be exercised in areas with glide cracks.

region I

Low (1)

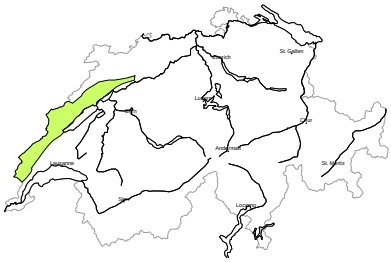


Wind slab

As a consequence of a sometimes strong westerly wind, small wind slabs will form in some localities. Such avalanche prone locations are to be found in extremely steep terrain above approximately 1800 m. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

region J

Low (1)



Wet snow

As a consequence of the rain moist snow slides are possible in the afternoon.

Snowpack and weather

updated on 21.1.2024, 17:00

Snowpack

In places above approximately 2200 m that are generally protected from the wind, this week's new snow and snowdrift are lying on a weak layer with an angular structure. In this layer, people may still occasionally release avalanches. In addition, some of the snowdrift accumulations that have formed in the last few days with the change in wind direction are still prone to triggering.
With increasing southwesterly winds, the loose, near-surface snow will be transported on Monday. Bound, easily releasable snowdrift accumulations will be formed.
With rain on Monday afternoon, the surface of the snowpack will be moistened up to 2000 m. Gliding avalanches are still possible.

Weather review for Sunday, 21.01.2024

It was partly sunny with occasional thick cloud cover.

New snow
-

Temperature
The temperature rose. At midday at 2000 m, between 0 °C in the north and -3 °C in the south.

Wind
- There was a weak to moderate wind from the south during the night.
- During the day, winds were moderate from the southwest to west in the north, and from the northwest in the south.

Weather forecast until Monday, 22.01.2024

After a mostly clear night on Monday, it will turn increasingly cloudy from the northwest from the early morning. Precipitation will set in in the west and north in the afternoon, falling as snow above 1600 to 2000 m. In the inneralpine regions and in the south it will initially still be bright, turning increasingly cloudy as the day progresses.

New snow
Above approximately 2200 m, around 5 cm of snow will fall in the west on Monday afternoon.
In the Jura, 5 to 10 mm of rain will fall right up to the peaks.

Temperature
Temperatures will rise. At midday at 2000 m, +4 °C in the north and +1 °C in the south. They will fall again from Monday afternoon.

Wind
- Winds will be moderate to strong from the southwest to west, strong to storm force during the day in the west and north.
- As the day progresses, a moderate to strong foehn wind will blow from the south in the foehn valleys of the north.

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Trend

Tuesday

Precipitation will fall in the north during Monday night into Tuesday, but it will remain dry on the central part of the southern flank of the Alps. The snowfall level will drop from 2000 m to around 1200 m. During the day, it will initially be very cloudy in the north, with some snow still falling in the east. It will be brighter for a time, and partly sunny in inneralpine regions, before turning increasingly cloudy again in the afternoon. In the far west and on the northern flank of the Alps from the eastern Bernese Alps to the Alpstein region, 10 to 30 cm of snow will fall above 2000 m, with less elsewhere. It will be mostly sunny in the south. Moderate to strong northwesterly winds will blow at high altitudes. These will be strong to storm force on the Main Alpine Ridge.
The danger of dry avalanches will increase, especially in the west and north. Gliding avalanches are still possible.

Wednesday

A little precipitation will fall in the north and west during Tuesday night into Wednesday. The snowfall level will rise to 2200 m. During the day it will be mostly very cloudy in the north and there will be a little precipitation in the afternoon, especially on the northern flank of the Alps and in the northern regions of Grisons. This will fall as snow above 1800 m. It will be mostly sunny in the south. There will be strong to storm force west to northwesterly winds.
There will be hardly any change in the avalanche danger.