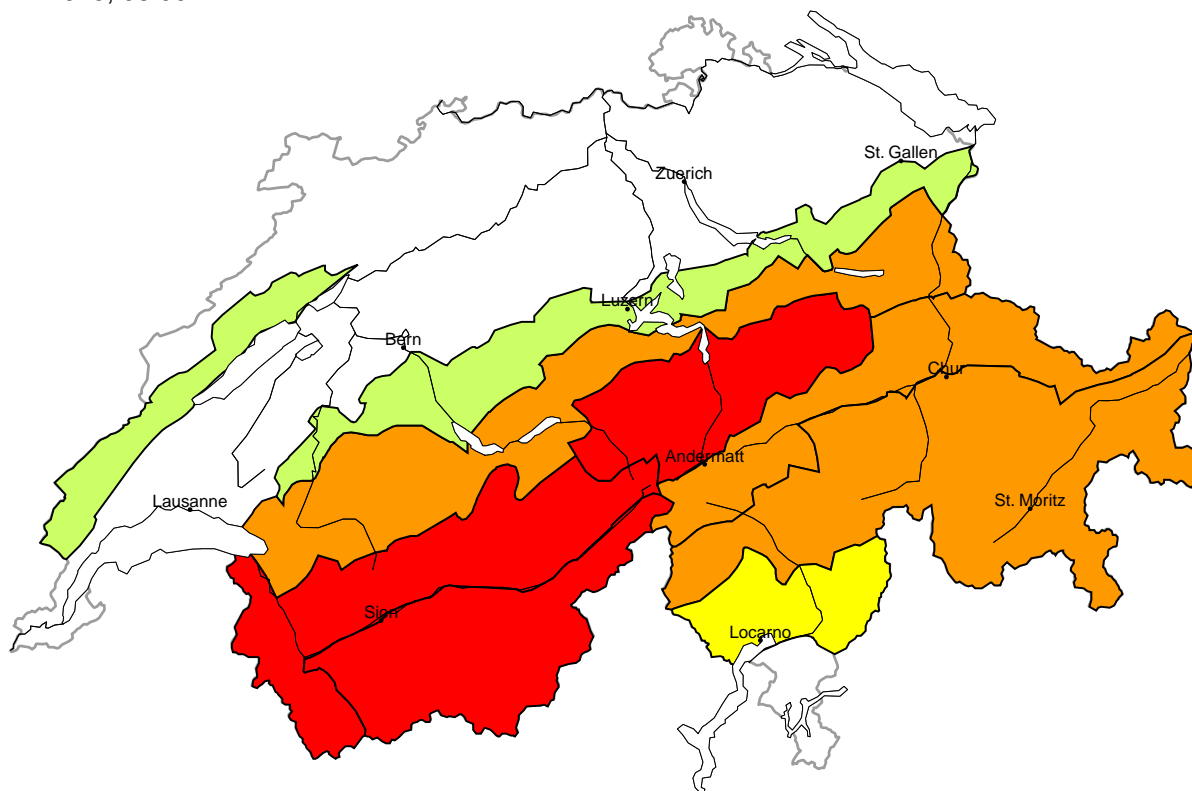


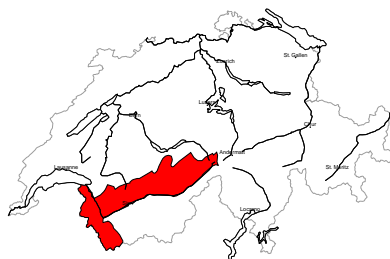
# Avalanche danger

updated on 11.12.2023, 08:00



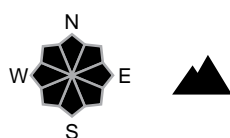
**region A**

**High (4-)**



## New snow, Wet snow

### Avalanche prone locations



### Danger description

Danger level 4 (high) will be reached in the late morning. The avalanche prone locations for dry avalanches are to be found in all aspects above approximately 2200 m. The large quantity of fresh snow and also in particular the wind slabs that are being formed by the strong westerly wind are prone to triggering. Natural avalanches are to be expected. In their paths avalanches can entrain the wet snow. They can reach very large size in isolated cases. In the typical avalanche paths the avalanches can reach as far as the valley bottom and endanger transportation routes that are exposed.

Even single winter sport participants can release avalanches easily. The conditions are very critical for winter sport activities outside marked and open pistes. As a consequence of the rain numerous medium-sized and, in isolated cases, large wet and gliding avalanches are to be expected below approximately 2200 m.

**Danger levels**



1 low



2 moderate



3 considerable



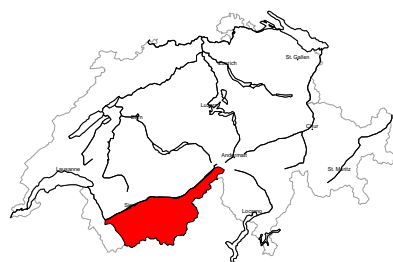
4 high



5 very high

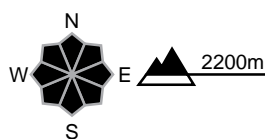
region B

High (4-)



New snow

Avalanche prone locations



Danger description

Danger level 4 (high) will be reached in the late morning. The large quantity of fresh snow and also in particular the wind slabs that are being formed by the strong westerly wind are prone to triggering. Natural avalanches are to be expected. In their paths avalanches can entrain the wet snow. They can reach very large size in isolated cases. In the typical avalanche paths the avalanches can reach as far as the valley bottom and endanger transportation routes that are exposed.

Even single winter sport participants can release avalanches easily. The conditions are very critical for winter sport activities outside marked and open pistes.

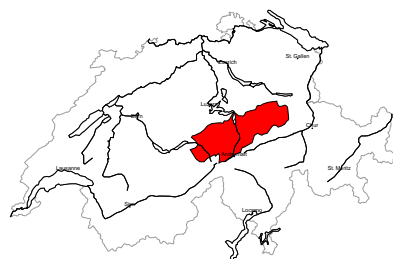
Considerable (3)

Wet snow, Gliding snow

As a consequence of the rain medium-sized and, in isolated cases, large wet and gliding avalanches are to be expected below approximately 2200 m. Areas with glide cracks are to be avoided.

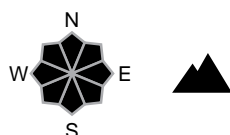
region C

High (4-)



New snow, Wet snow

Avalanche prone locations



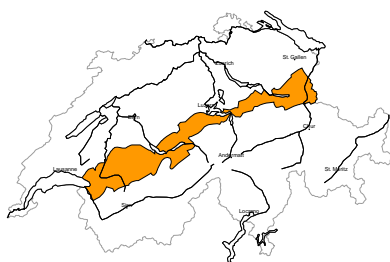
Danger description

Danger level 4 (high) will be reached in the course of the day. The avalanche prone locations for dry avalanches are to be found in all aspects above approximately 2200 m. The large quantity of fresh snow and also in particular the wind slabs that are being formed by the strong westerly wind are prone to triggering. Natural avalanches are to be expected. In their paths avalanches can entrain the wet snow. They can reach very large size in isolated cases. In the typical avalanche paths the avalanches can reach valley bottoms at relatively high altitudes and endanger transportation routes that are exposed. Even single winter sport participants can release avalanches easily. The conditions are very critical for winter sport activities outside marked and open pistes. As a consequence of the rain numerous medium-sized and, in isolated cases, large wet and gliding avalanches are to be expected below approximately 2200 m.



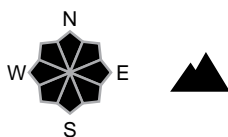
**region D**

**Considerable (3+)**



**New snow, Wet snow**

**Avalanche prone locations**



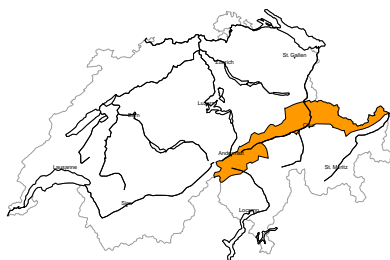
**Danger description**

Avalanche prone locations for dry avalanches are to be found in all aspects above approximately 2000 m. The large quantity of fresh snow and also in particular the wind slabs that are being formed by the strong westerly wind are prone to triggering. Avalanches can be released, even by a single winter sport participant and reach large size in isolated cases. Natural avalanches are possible. Backcountry touring and other off-piste activities call for caution and restraint.

As a consequence of the heavy rain wet avalanches are to be expected. These avalanche prone locations are to be found in all aspects below approximately 2200 m. On steep grassy slopes gliding avalanches are to be expected at any time, in particular medium-sized ones. Areas with glide cracks are to be avoided.

**region E**

**Considerable (3+)**



**New snow**

**Avalanche prone locations**



**Danger description**

The large quantity of fresh snow and also in particular the wind slabs to be found at elevated altitudes are prone to triggering. Avalanches can be released, even by a single winter sport participant and reach large size in isolated cases. Natural avalanches are possible. Backcountry touring and other off-piste activities call for caution and restraint.

**Moderate (2)**

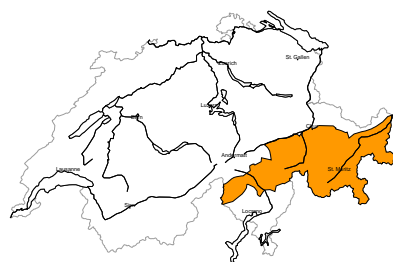
**Wet snow, Gliding snow**

Below approximately 2200 m wet and gliding avalanches are possible, in particular medium-sized ones. Areas with glide cracks are to be avoided.



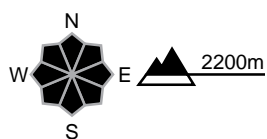
**region F**

**Considerable (3=)**



**Wind slab**

**Avalanche prone locations**



**Danger description**

Fresh and somewhat older wind slabs can be released by a single winter sport participant. Additionally avalanches can also penetrate deep layers and reach medium size. These avalanche prone locations are barely recognisable. Experience in the assessment of avalanche danger is required.

**Moderate (2)**

**Gliding snow**

In all aspects more medium-sized gliding avalanches are possible below approximately 2200 m. Areas with glide cracks are to be avoided.

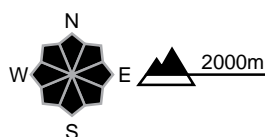
**region G**

**Moderate (2=)**



**No distinct avalanche problem**

**Avalanche prone locations**

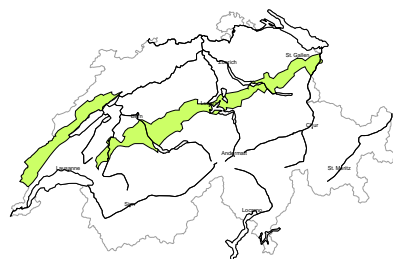


**Danger description**

Avalanches can in some cases be released in near-surface layers. They can in isolated cases release deeper layers of the snowpack and reach medium size. The avalanche prone locations are to be found in particular in gullies and bowls, and behind abrupt changes in the terrain. Careful route selection is recommended.

**region H**

**Low (1)**



**Gliding snow, Wet snow**

As a consequence of the rain gliding avalanches and wet snow slides are to be expected in all altitude zones. Only a little snow is lying. Mostly the avalanches are small.



## Snowpack and weather

updated on 10.12.2023, 17:00

### Snowpack

With precipitation, wind and the rise in temperature, many naturally triggered avalanches occurred during Saturday night. This could happen again on Monday.

At high altitudes, there is about twice as much snow as there normally is at the beginning of December. The snowpack has a favourable structure, apart from thin weak layers of angular crystals deep in the snowpack in the area of older rain crusts. With all the new snow and intense rain, these weak layers could be reactivated in the next few days. In the south, the snow depths are below average and the weak layers are therefore closer to the surface. Especially there, the older weak layers can also be released by people in some cases.

In all regions and in all aspects, more gliding avalanches are expected below about 2400 m on slippery ground.

### Observed weather review Sunday, 10.12.2023

Precipitation fell during Saturday night, with intense rain in the west and north. In the north, the snowfall level rose temporarily to around 2000 m on Saturday evening, otherwise it was around 1200 to 1600 m. During the day it became dry and there were brighter spells in the west and south.

#### Fresh snow

From Saturday to Sunday afternoon, the following levels were recorded above approximately 2400 m:

- northern Alpine Ridge, extreme west of Lower Valais: 30 to 40 cm;
- other parts of Valais, the Gotthard region and northern Grisons, highest peaks north of the northern Alpine Ridge, Samnaun: 20 to 30 cm;
- elsewhere: to a lesser extent.

#### Temperature

At midday at 2000 m, between -4 °C in the north and -1 °C in the south.

#### Wind

- There were strong and locally stormy winds from the west.
- There was a moderate to strong wind from the northwest during the day on the main Alpine Ridge and in the south.

## Weather forecast through Monday, 11.12.2023

It will be very cloudy with precipitation, with heavy precipitation in the west and north. In the far west and north, the snowfall level will increase temporarily to around 2200 to 2500 m on Sunday evening and then fall to around 2000 m. In the southeast, it will lie between 1500 and 2000 m.

### Fresh snow

Until Monday afternoon, above approximately 2500 m:

- northern Alpine Ridge, Lower Valais and Visp valleys: 40 to 70 cm;
- other parts of Valais and the Gotthard region, highest peaks north of the northern Alpine Ridge and from Prättigau to Samnaun: 20 to 40 cm;
- elsewhere: to a lesser extent.

There will be a lot of rain at lower altitudes and also in the Jura.

### Temperature

At midday at 2000 m, between +3 °C in the northwest and +1 °C in the southeast.

### Wind

There will be strong to locally stormy winds on the northern flank of the Alps and generally at high altitudes, otherwise there will be a moderate westerly wind.

## Outlook through Wednesday, 13.12.2023

It will be very cloudy with continued heavy precipitation in the west and north. The snowfall level will initially be around 2200 m in the west and 1800 m in the east. On Wednesday, it will drop to around 1300 m everywhere. From Monday to Wednesday afternoon, a further 40 to 70 cm of snow will fall above approximately 2500 m on the northern Alpine Ridge and in the extreme west of Lower Valais, 20 to 40 cm in the rest of Valais and from northern Prättigau to Samnaun, and less elsewhere.

Tuesday will see frequent, strong westerly winds, with moderate winds on Wednesday.

On the northern Alpine Ridge and in Valais, the danger will increase slightly on Tuesday within level 4 (high). It will not change significantly on Wednesday. Below 2000 to 2400 m, some large, wet avalanches are expected. Dry avalanches are expected from starting zones at higher altitudes, which will sweep along the increasingly saturated old snowpack in their path and advance into the valleys in the usual avalanche tracks. These avalanches can become very large and exposed parts of transportation routes are at risk. The conditions will be dangerous for winter sports outside marked and open pistes.

In the other regions of Grisons, the avalanche danger will also increase slightly, but will not change significantly in the far south.