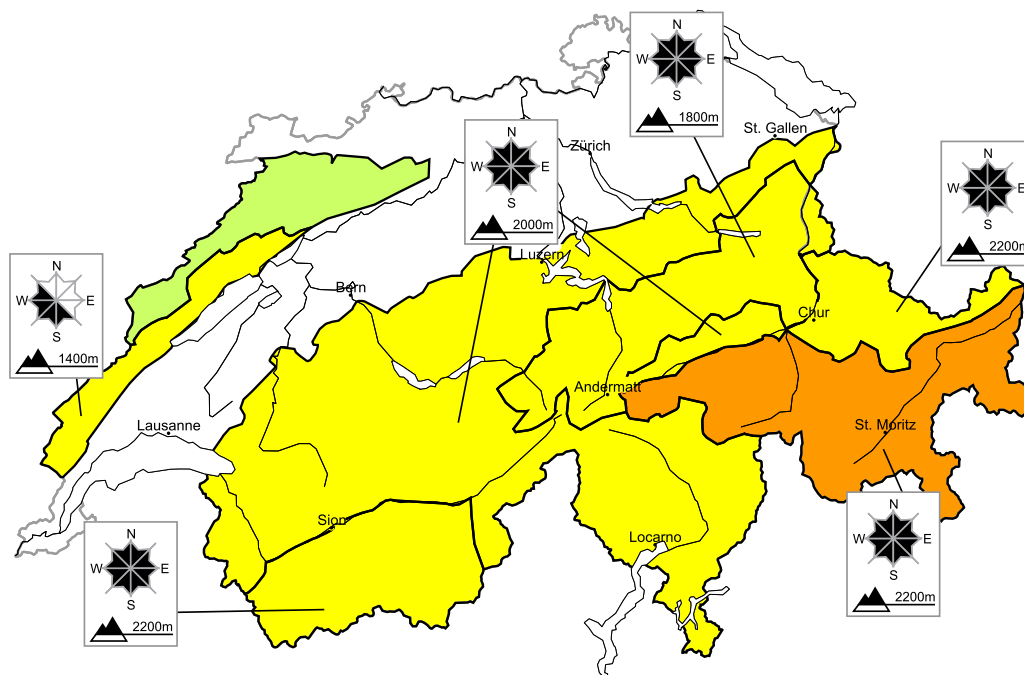


In Grisons a considerable avalanche danger will be encountered in some regions

Edition: 14.2.2021, 08:00 / Next update: 14.2.2021, 17:00

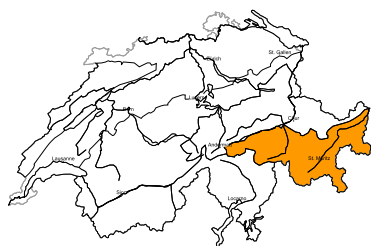
Avalanche danger

updated on 14.2.2021, 08:00



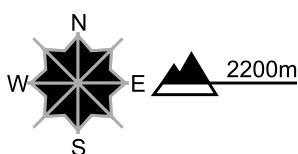
region A

Level 3, considerable



Old snow, wind slabs

Avalanche prone locations



Danger description

Avalanches can be triggered in deep layers of the snowpack and reach large size. Remotely triggered avalanches are possible in isolated cases. The avalanche prone locations are rather rare but are barely recognisable, even to the trained eye. Caution is to be exercised in particular at transitions from a shallow to a deep snowpack, as well as in areas where the snow cover is rather shallow.

In addition the fresh and older wind slabs are prone to triggering in some cases.

Defensive route selection is required.

Danger levels

1 low

2 moderate

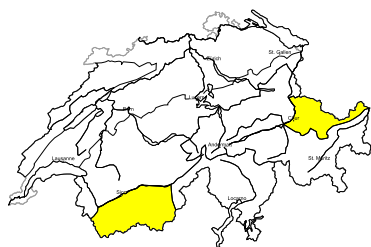
3 consider.

4 high

5 very high

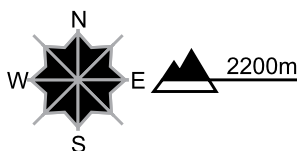
region B

Level 2, moderate



Old snow, wind slabs

Avalanche prone locations



Danger description

In isolated cases avalanches can be triggered in deep layers of the snowpack and reach large size. These avalanche prone locations are barely recognisable. Caution is to be exercised in particular at transitions from a shallow to a deep snowpack, as well as in areas where the snow cover is rather shallow. In addition the fresh and older wind slabs are prone to triggering in some cases. Defensive route selection is advisable.

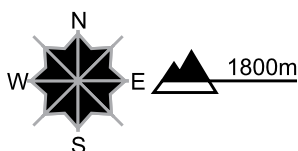
region C

Level 2, moderate



Wind slabs

Avalanche prone locations

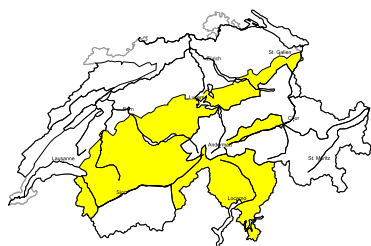


Danger description

As a consequence of foehn wind, mostly small wind slabs will form in the late morning. The fresh and older wind slabs are prone to triggering. They are to be found in particular in gullies and bowls, and behind abrupt changes in the terrain. Avalanches can additionally in very isolated cases be released in the weakly bonded old snow. This applies in particular in areas where the snow cover is rather shallow. Ski touring and other off-piste activities, including snowshoe hiking, call for careful route selection.

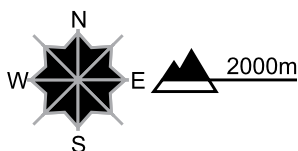
region D

Level 2, moderate



Wind slabs

Avalanche prone locations

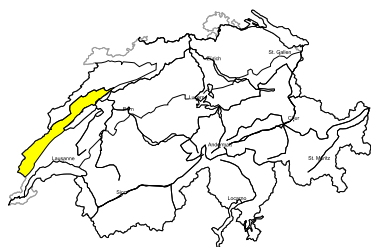


Danger description

The fresh and older wind slabs are in some cases still prone to triggering. They are to be found in particular in gullies and bowls, and behind abrupt changes in the terrain. They are mostly small. In high Alpine regions the avalanche prone locations are more prevalent and larger. Avalanches can additionally in very isolated cases be released in the weakly bonded old snow. This applies in particular in areas where the snow cover is rather shallow. Ski touring and other off-piste activities, including snowshoe hiking, call for careful route selection.

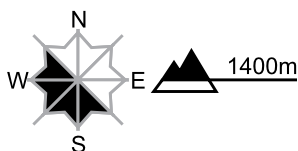
region E

Level 2, moderate



Wind slabs

Avalanche prone locations

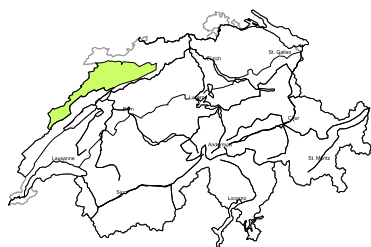


Danger description

As a consequence of a moderate bise wind, mostly small wind slabs formed in gullies and bowls and behind abrupt changes in the terrain. These are to be evaluated with care and prudence 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.

region F

Level 1, low



Wind slabs

A little snow is lying. As a consequence of a moderate bise wind, small wind slabs formed in particular in gullies and bowls and behind abrupt changes in the terrain. These are to be evaluated with care and prudence in extreme terrain. Apart from the danger of being buried, restraint should be exercised in particular in view of the danger of avalanches sweeping people along and giving rise to falls.



Snowpack and weather

updated on 13.2.2021, 17:00

Snowpack

The likelihood of snowdrifts which have generated during the last few days triggering, is continually diminishing. Fresh, small snowdrift accumulations are being generated only from place to place. On steep sunny slopes a crust will form overnight at intermediate altitudes in particular.

In the southern Valais and in Grisons, there are marked weak layers evident deeply embedded inside the snowpack in all aspects, above 2200 m on north-facing slopes, somewhat higher on south-facing slopes. From place to place, avalanches can be triggered in these layers, subsequently sweep away the entire snow cover and grow to large size. Particularly in Grisons, precisely such fractures have been triggered in the old snowpack by winter sports enthusiasts during the last few days. The frequency of avalanche prone locations is incrementally decreasing. On the northern flank of the Alps, such weak layers occur less frequently and are blanketed-over by deep snow in the interim. In the Ticino the snowpack layering is more favourable; that means that fractures deeper down in the old snowpack layers are no longer likely.

Observed weather on Saturday, 13.02.2021

On Friday afternoon in the western regions, a small amount of snowfall was registered down to low lying areas. On Friday night, skies cleared up at heightened altitudes. During the daytime on Saturday it was sunny above approximately 2000 m.

Fresh snow

- In the western sector of the northern flank of the Alps and in the Valais, maximum 10 cm of fresh snow was registered;
- in the other regions of Switzerland, it was dry.

Temperature

At midday at 2000 m, between -6 °C in the western regions and -11 °C in the southern and the eastern regions.

Wind

- During the nighttime hours a bise wind was blowing at moderate to strong velocity in the Jura region;
- at heightened altitudes, light to moderate northwesterly winds were blowing.

Weather forecast through Sunday, 14.02.2021

It will be sunny in the mountains.

Fresh snow

-

Temperature

At midday at 2000 m, between -6 °C in the western and the northern regions and -10 °C in the southern and the eastern regions.

Wind

- A bise wind will be blowing at moderate to strong velocity in the Jura region, slackening off during the daytime;
- in the Alps, a light to moderate wind from northerly to easterly directions will be blowing; intermittently at strong velocity at the highest summit levels.

Outlook through Tuesday, 16.02.2021

Monday

In the morning in the northern regions, it will be predominantly sunny, subsequently skies will become gray. In the southern regions it will be rather sunny. Winds will be blowing from westerly directions and are expected to intensify. Temperatures will rise noticeably. Avalanche danger levels will incrementally decrease.

Tuesday

In the northern regions, a small amount of snowfall is anticipated on Monday night. During the morning hours on Tuesday, skies will still be overcast, accompanied by final precipitation in the eastern regions. In the southern regions it will be rather sunny. Avalanche danger levels are not expected to change significantly.