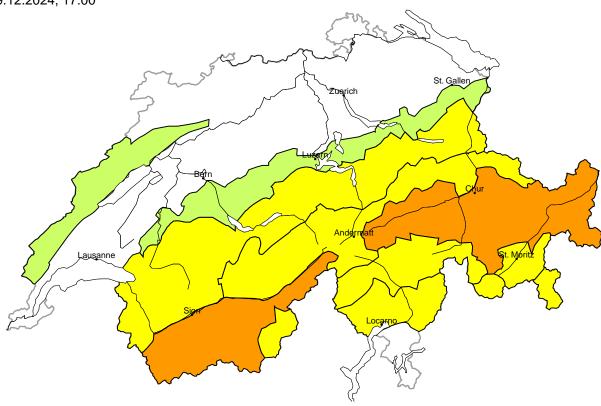
Avalanche danger

updated on 29.12.2024, 17:00



region A

Considerable (3-)



Persistent weak layers

Avalanche prone locations



Danger description

Distinct weak layers exist deep in the snowpack. Avalanches can in some places be released by a single winter sport participant and reach large size. The avalanche prone locations are rather rare but are barely recognisable, even to the trained eye. Individual avalanche prone locations are to be found also on very steep south facing slopes above approximately 2700 m. Ski touring calls for experience in the assessment of avalanche danger and restraint.

Danger levels

3 considerable

4 high

region B

Considerable (3-)



Persistent weak layers

Avalanche prone locations



Danger description

Distinct weak layers exist deep in the snowpack. Avalanches can be released, even by a single winter sport participant and reach large size. Remotely triggered avalanches are possible. The avalanche prone locations are rather rare but are barely recognisable, even to the trained eye. Whumpfing sounds and the formation of shooting cracks when stepping on the snowpack can indicate the danger. Ski touring calls for experience in the assessment of avalanche danger and restraint.

region C

Moderate (2+)



Persistent weak layers

Avalanche prone locations



Danger description

Avalanches can in some places be released by people and reach medium size. Caution is to be exercised in particular at transitions from a shallow to a deep snowpack, when entering gullies and bowls for example, as well as in areas where the snow cover is rather shallow.

Avalanches can additionally in isolated cases be released in near-ground layers above approximately 2400 m. These can reach large size.

Backcountry touring calls for defensive route selection.

Moderate (2)

Gliding snow

Avalanche prone locations

W E 2200m

Danger description

Small and medium-sized gliding avalanches are possible,, in isolated cases also on very steep shady slopes. Areas with glide cracks are to be avoided as far as possible.

region D

Moderate (2+)



Persistent weak layers

Avalanche prone locations



Danger description

Distinct weak layers exist deep in the snowpack. The avalanche prone locations are to be found in particular in gullies and bowls, and behind abrupt changes in the terrain,, also at a distance from ridgelines. Avalanches can reach medium size. Whumpfing sounds and the formation of shooting cracks when stepping on the snowpack can indicate the danger.

Backcountry touring calls for careful route selection.

region E

Moderate (2=)



No distinct avalanche problem

Avalanche prone locations

Danger description

Avalanches can in some places be released by a single winter sport participant and reach medium size. The avalanche prone locations are to be found in particular adjacent to ridgelines and in gullies and bowls and in little used backcountry terrain. Avalanches can additionally in isolated cases be released in nearground layers above approximately 2400 m. These can reach large size.

Backcountry touring calls for defensive route selection.

Moderate (2)

Gliding snow

Avalanche prone locations

Danger description

Small and medium-sized gliding avalanches are possible,, in isolated cases also on very steep shady slopes. Areas with glide cracks are to be avoided as far as possible.

region F

Moderate (2-)

Avalanche prone locations

Persistent weak layers

Danger description

Thus far only a little snow is lying. The clearly visible wind slabs are lying on top of a weakly bonded old snowpack. Avalanches can in isolated cases be released, but they will be small in most cases. 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.



Danger levels

1 low

2 moderate

3 considerable

4 high

5 very high

region G

Low (1)



No distinct avalanche problem

Individual avalanche prone locations for dry avalanches are to be found in particular on extremely steep shady slopes. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

Low (1)

Gliding snow

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

region H

Low (1)



No distinct avalanche problem

Individual avalanche prone locations for dry avalanches are to be found in particular on extremely steep shady slopes. Restraint should be exercised because avalanches can sweep people along and give rise to falls.



Snowpack and weather

updated on 29.12.2024, 17:00

Snowpack

The number of places where avalanches can be triggered is decreasing slowly, though not the avalanche size. Last week's fresh and drifted snow is lying on top of a faceted weak old snowpack in many places at high altitude:

- north of a line between the Rhone and Rhine, the overlying snow is often thick. Human-triggered avalanches are therefore only possible in isolated cases, especially at transitions from a deep to shallow snowpack and in places with little snow; these avalanches may, however, become large;
- especially in southern Valais, as well as in a strip from central through northern Grisons to Lower Engadine, avalanches
 are still easily triggerable in weak layers near the ground, where medium and often large avalanches have been
 repeatedly triggered in recent days;
- south of this, along the Main Alpine Ridge in Grisons, in the Upper Engadine and in central Ticino, there is still little snow. Older snowdrift accumulations are lying on a thin, but usually completely faceted and loose snowpack and avalanches can still be triggered here.

Weather review for Sunday

It was sunny and mild in the mountains.

Fresh snow

-

Temperature

At midday at 2000 m, around +6 °C.

Wind

Mostly light.

Weather forecast to Monday

Conditions will be sunny and mild in the mountains.

Fresh snow

-

Temperature

At midday at 2000 m, +5 °C.

Wind

Mostly light.

Outlook

In the mountains, conditions will be sunny and mild on New Year's Eve and New Year's Day. The zero-degree level will be around 2500 m. In the north, southwesterly winds will be moderate on New Year's Eve and sometimes strong on New Year's Day. The wind will remain light in the south.

The danger of dry avalanches will not change significantly. Particularly in southern Valais and in Grisons, avalanches can still be triggered in the weak old snowpack and become large. Small and medium-sized gliding avalanches are still possible on steep sunny slopes.

