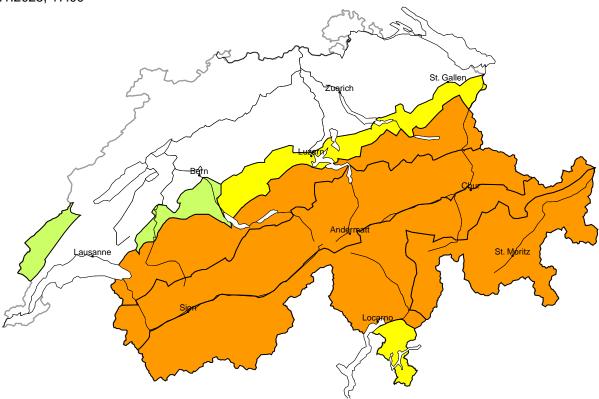
## Avalanche danger

updated on 30.1.2025, 17:00



## region A

# Considerable (3+)



## Persistent weak layers

# **Avalanche prone locations**



## **Danger description**

Distinct weak layers in the old snowpack necessitate caution. Avalanches can in many places be released, even by a single winter sport participant. Remotely triggered avalanches are probable. Whumpfing sounds and the formation of shooting cracks when stepping on the snowpack can indicate the danger. Avalanches can penetrate deep layers and reach large size. Ski touring and other off-piste activities, including snowshoe hiking, call for extensive experience in the assessment of avalanche danger and restraint.

## **Moderate (2)**

## **Gliding snow**

In particular on steep grassy slopes individual medium-sized to large gliding avalanches are to be expected. Caution is to be exercised in areas with glide cracks.

**Danger levels** 

1 low

2 moderate

3 considerable

4 high

## region B

## Considerable (3=)



## Wind slab, Persistent weak layers

#### Avalanche prone locations

# W E 2000m

#### **Danger description**

Weak layers in the old snowpack necessitate caution. Avalanches can be released by a single winter sport participant and reach large size. Remotely triggered avalanches are possible. Whumpfing sounds and the formation of shooting cracks when stepping on the snowpack can indicate the danger. Ski touring and other off-piste activities, including

Ski touring and other off-piste activities, including snowshoe hiking, call for experience in the assessment of avalanche danger.

## **Moderate (2)**

## **Gliding snow**

In particular on steep grassy slopes individual medium-sized to large gliding avalanches are to be expected. Caution is to be exercised in areas with glide cracks.

## region C

## Considerable (3-)



## Wind slab

#### **Avalanche prone locations**



## **Danger description**

The wind slabs of the last few days are in some cases prone to triggering. Single persons can release avalanches. Mostly these are medium-sized. Ski touring and other off-piste activities, including snowshoe hiking, call for experience in the assessment of avalanche danger and careful route selection.

## **Moderate (2)**

#### Gliding snow

In particular on steep grassy slopes individual medium-sized to large gliding avalanches are to be expected. Caution is to be exercised in areas with glide cracks.

Danger levels

1 low

2 moderate

3 considerable

4 high

igh

## region D

## Considerable (3-)



## Wind slab, Persistent weak layers

### Avalanche prone locations

## **Danger description**

Faceted weak layers exist in the top section of the snowpack in particular on shady slopes. As a consequence of southerly wind, sometimes easily released wind slabs formed as well. Avalanches can be released by a single winter sport participant. Mostly these are medium-sized.

Ski touring and other off-piste activities, including snowshoe hiking, call for experience in the assessment of avalanche danger.

## **Moderate (2)**

## **Gliding snow**

In particular on steep grassy slopes individual medium-sized to large gliding avalanches are to be expected. Caution is to be exercised in areas with glide cracks.

## region E

## Moderate (2+)



## Persistent weak layers

#### Avalanche prone locations



#### **Danger description**

In particular on shady slopes avalanches can be triggered in the old snow and reach medium size in some cases. They can in some places be released by a single winter sport participant.

Backcountry touring and other off-piste activities call for careful route selection.

## Low (1)

#### Gliding snow

In particular on steep grassy slopes individual small to medium-sized gliding avalanches are to be expected. Caution is to be exercised in areas with glide cracks.

Danger levels

1 low

2 moderate

3 considerable

4 high

## region F

## Moderate (2=)



#### Wind slab

#### Avalanche prone locations

# N W E \_\_\_\_\_\_1800m

#### **Danger description**

The wind slabs of the last few days 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. Avalanches can in some places be released by a single winter sport participant. These can reach medium size in isolated cases. The wind slabs are to be evaluated with care and prudence in particular in very steep terrain.

## Low (1)

## **Gliding snow**

In particular on steep grassy slopes individual small to medium-sized gliding avalanches are to be expected. Caution is to be exercised in areas with glide cracks.

## region G

## Low (1)



## No distinct avalanche problem

Only a little snow is lying. Individual avalanche prone locations for dry avalanches are to be found in particular in extremely steep terrain. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

## Low (1)

## **Gliding snow**

In particular on steep grassy slopes individual small to medium-sized gliding avalanches are to be expected. Caution is to be exercised in areas with glide cracks.

## region H

## Low (1)



## No distinct avalanche problem

Only a little snow is lying. Individual avalanche prone locations for dry avalanches are to be found in particular in extremely steep terrain. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

Danger levels

1 low

2 moderate

3 considerable

4 high

## Snowpack and weather

updated on 30.1.2025, 17:00

## **Snowpack**

The large amount of new snow from the beginning of the week is lying in many places on a faceted, unfavourable old snow surface. In Ticino, central Grisons, the Engadine and the Grisons southern valleys, the entire old snowpack is often faceted and loose, especially on shady slopes that are protected from the wind. In such places, avalanches can take the entire snowpack with them.

North of a line from the Rhône to the Rhine, avalanches are expected to be triggered mainly within the near-surface layers and at the point of transition to old snowpack. Fractures in the deep layers of the old snowpack are less probable here. After the snowfall at the beginning of the week, gliding avalanche activity has slightly increased again, especially below 2000 m.

## Weather review for Thursday

In the south, little snow fell above approximately 1000 m. Otherwise it was often cloudy. In the afternoon there were more widespread brighter spells, especially in the east.

#### Fresh snow

From Wednesday evening to Thursday afternoon:

- Western Ticino: 5 to 15 cm.
- Main Alpine Ridge in Valais, rest of Ticino: a few centimetres.

#### **Temperature**

At midday at 2000 m, around -3 °C.

#### Wind

From the south

- Moderate to strong on the Northern Alpine Ridge and in Grisons.
- Otherwise, light to moderate.

#### Weather forecast until Friday

On the northern flank of the Alps, a little snow will fall above approximately 1000 m. There will be longer periods of brighter spells, especially in inneralpine regions. In the south, it will be quite sunny at first, becoming increasingly cloudy in the afternoon.

#### Fresh snow

A few centimetres in the north.

#### **Temperature**

At midday at 2000 m, around -3 °C.

#### Wind

Mostly light.

#### Outlook

On Saturday, around 10 cm of snow will fall in the south above approximately 1000 m. North of the Main Alpine Ridge, it will be mostly sunny in the mountains and cloudy along the Prealps. On Sunday, it will be sunny in the mountains. The zero-degree level will be just under 2000 m. There will be mostly light winds.

The danger of dry avalanches will decrease, but only slowly, especially in the south and in Grisons. In these regions, the conditions remain critical for off-piste snow sports due to the weak snow layering.

