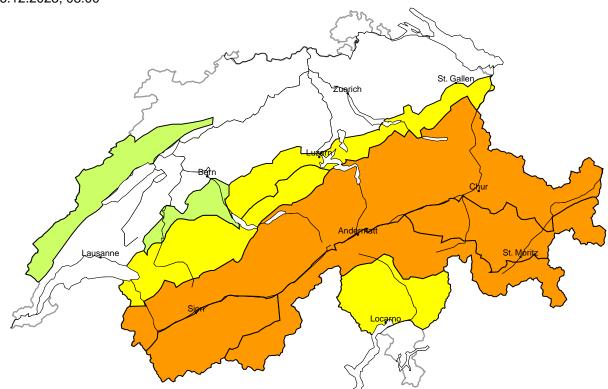
# Full avalanche bulletin (to print) Avalanche bulletin for Saturday, 16. December 2023

# Avalanche danger

updated on 16.12.2023, 08:00



Ion	
юп	

## Considerable (3-)





Avalanche prone locations



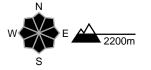
#### **Danger description**

The fresh snow and in particular the wind slabs can be released by a single winter sport participant. The avalanches can reach dangerously large size. Experience in the assessment of avalanche danger is required.

# Moderate (2)

### **Gliding snow**

#### Avalanche prone locations



#### **Danger description**

On steep grassy slopes more gliding avalanches are possible, even large ones in isolated cases. Areas with glide cracks are to be avoided.



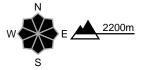


# Considerable (3-)



# Wind slab, Persistent weak layers





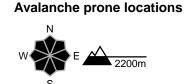
#### **Danger description**

As a consequence of a moderate to strong northerly wind, wind slabs formed. These represent the main danger. Single winter sport participants can release avalanches. These can also be triggered in the old snowpack and reach medium size.

The fresh wind slabs are to be bypassed as far as possible.

# Moderate (2)

### Gliding snow

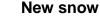


#### **Danger description**

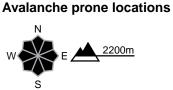
On steep grassy slopes more gliding avalanches are possible, even large ones in isolated cases. Areas with glide cracks are to be avoided.

## region C

# Considerable (3-)







#### **Danger description**

The fresh snow and in particular the wind slabs can be released by a single winter sport participant. The avalanches can reach dangerously large size. Off-piste activities call for experience in the assessment of avalanche danger and caution.

# Moderate (2)

### **Gliding snow**

#### Avalanche prone locations



#### **Danger description**

On steep grassy slopes more gliding avalanches are possible, even large ones in isolated cases. Areas with glide cracks are to be avoided.

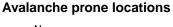




# Moderate (2=)



# Wind slab





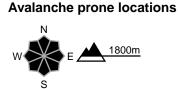
#### Danger description

As a consequence of a moderate northerly wind, small wind slabs formed in some places. Avalanches 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.



# Moderate (2=)

# New snow



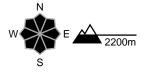
#### Danger description

The fresh snow and the mostly small wind slabs can be released in some cases. Avalanches can reach medium size. Off-piste activities call for careful route selection.

# Moderate (2)

# **Gliding snow**

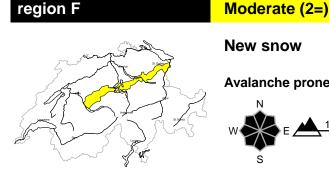
Avalanche prone locations



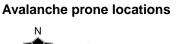
#### **Danger description**

On steep grassy slopes more gliding avalanches are possible, even large ones in isolated cases. Areas with glide cracks are to be avoided.





# New snow



1800m

#### **Danger description**

The fresh snow and the mostly small wind slabs can be released in some cases. Avalanches can reach medium size. Off-piste activities call for careful route selection.

# Low (1)

Low (1)

#### **Gliding snow**

On very steep grassy slopes individual gliding avalanches are possible.

# region G



### No distinct avalanche problem

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

# region H

## Low (1)



### No distinct avalanche problem

Only a little snow is lying. Individual avalanche prone locations are to be found in extremely steep terrain. 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 gliding avalanches are possible.



# Snowpack and weather

updated on 15.12.2023, 17:00

## Snowpack

A lot of snow has fallen in the last three days, especially in the north. This is becoming increasingly settled and compacted. Extensive snowdrift accumulations have formed on the Main Alpine Ridge and in the south, with strong northerly winds. At high altitudes, there is about twice as much snow in many areas as there normally is at the beginning of December. The snowpack structure is generally favourable. Occasional avalanches may be released on Tuesday's rain crust. In southern Upper Valais, Ticino, Moesano, Val Bregaglia and Val Poschiavo, there are average snow depths at altitude. In these regions, older weak layers may occasionally be released by people. At intermediate altitudes, the rain has moistened or soaked the snowpack. The snowpack is increasingly stabilising as a consequence of falling temperatures. Gliding avalanches are still possible, especially below 2200 m.

## Weather review for Friday, 15.12.2023

It was quite sunny in the west and south. In the northeast, the snowfall ended in the morning and there were longer sunny spells during the day.

#### New fallen snow

From Thursday afternoon to Friday at noon, the following amounts of snow fell above approximately 1500 m:

- north of the Rhone-Rhine, northern Grisons, northern Upper Engadine, Lower Engadine: 10 to 20 cm, up to 35 cm in the eastern Urn Alps and in the Glarus Alps;
- a few centimetres or dry further south.

#### Temperature

At midday at 2000 m, between -5 °C in the north and -1 °C in the south.

#### Wind

- There were strong northerly winds on the Main Alpine Ridge from Zermatt to the Bernina area and southern flank of the Alps.
- There were strong northerly winds at high altitudes on the eastern part of the northern flank of the Alps and Grisons.
- Otherwise there were widespread weak to moderate northerly winds.

### Weather forecast until Saturday, 16.12.2023

It will be sunny in the mountains.

#### New fallen snow

-

### Temperature

There will be a significant rise in temperature: at midday at 2000 m, +4 °C in the west, +2 °C in the south and 0 °C in the east.

#### Wind

- There will initially still be strong northerly winds on the Main Alpine Ridge from Zermatt to the Bernina area and the southern flank of the Alps, with these winds easing as the day progresses.
- Otherwise moderate winds will blow at altitude, with occasional strong winds from the northeast.



### Trend until Monday, 19.12.2023

It will be sunny and mild. The danger of dry avalanches is expected to decrease. More gliding avalanches are expected owing to warmer temperatures and solar radiation. Wet avalanches are also possible, especially on very steep sunny slopes.

 Feedback to avalanche warners

 (Avalanche released? Bulletin inaccurate?)

 Questionnaire
 www.slf.ch

 E-Mail
 bulletin@slf.ch

 Toll-free phone number
 0800 800 187

Additional specialized federal departments MeteoSwiss (weather) / www.meteoswiss.ch FOEN (flood, forest fire) / www.bafu.admin.ch SED (Earthquakes) / www.seismo.ethz.ch

