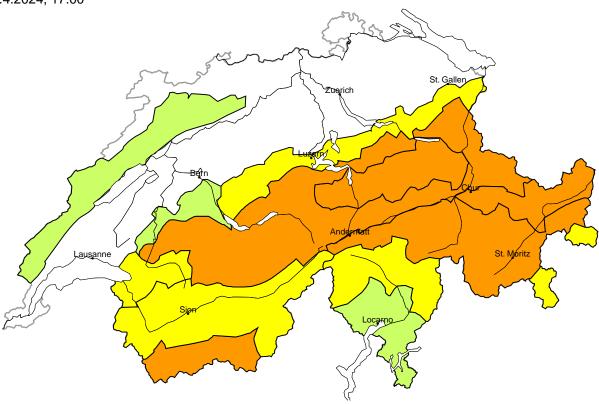
# Avalanche danger

updated on 23.4.2024, 17:00



# region A

# Considerable (3+)



### **New snow**

### **Avalanche prone locations**



### **Danger description**

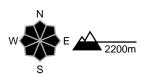
Large quantities of fresh snow and the wind-drifted snow are prone to triggering. Single winter sport participants can release avalanches. The number and size of avalanche prone locations will increase in the high Alpine regions. Natural avalanches are possible, even large ones. Exposed parts of transportation routes can be endangered occasionally.

Backcountry touring and other off-piste activities call for extensive 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 to be expected, but they will be mostly small. Caution is to be exercised in areas with glide cracks.

Danger levels

1 low

2 moderate

3 considerable

4 high

high

## region B

## Considerable (3=)



### **New snow**

### Avalanche prone locations



### **Danger description**

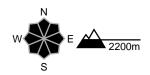
The new snow and wind slabs are prone to triggering. Single winter sport participants can release avalanches. These can in isolated cases reach large size. The number and size of avalanche prone locations will increase in the high Alpine regions.

Backcountry touring and other off-piste activities call for experience in the assessment of avalanche danger.

# Moderate (2)

## **Gliding snow**

## **Avalanche prone locations**



## **Danger description**

On steep grassy slopes more gliding avalanches are to be expected, but they will be mostly small. Caution is to be exercised in areas with glide cracks.

## region C

# Considerable (3=)



## New snow

### Avalanche prone locations



### **Danger description**

The new snow and wind slabs are prone to triggering. Single winter sport participants can release avalanches. These can in isolated cases reach large size. The number and size of avalanche prone locations will increase in the high Alpine regions.

Backcountry touring and other off-piste activities call for experience in the assessment of avalanche danger.

## **Moderate (2)**

### Wet snow

#### **Avalanche prone locations**



#### **Danger description**

On steep sunny slopes more frequent small and medium-sized moist loose snow avalanches are to be expected as a consequence of warming during the day.

Danger levels

1 low

2 moderate

3 considerable

4 high

5 very high

## region D

## Considerable (3-)



## Wind slab

### Avalanche prone locations



### **Danger description**

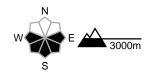
The new snow and wind slabs of the last few days are prone to triggering. Single winter sport participants can release avalanches in some places. Mostly these are medium-sized.

Backcountry touring calls for experience in the assessment of avalanche danger.

# **Moderate (2)**

#### Wet snow

#### **Avalanche prone locations**



### **Danger description**

On steep sunny slopes more frequent small and medium-sized moist loose snow avalanches are to be expected as a consequence of warming during the day.

## region E

# Considerable (3-)



# Wind slab

### Avalanche prone locations



### **Danger description**

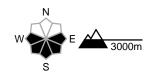
The new snow and wind slabs of the last few days are prone to triggering. Single winter sport participants can release avalanches. Mostly these are medium-sized. At elevated altitudes the prevalence and size of the avalanche prone locations will increase.

Backcountry touring and other off-piste activities call for experience in the assessment of avalanche danger.

## **Moderate (2)**

### Wet snow

#### **Avalanche prone locations**



#### **Danger description**

On steep sunny slopes more frequent small and medium-sized moist loose snow avalanches are to be expected as a consequence of warming during the day.

Danger levels

1 low

2 moderate

3 considerable

4 high

5 very high

## region F

## Moderate (2+)



#### Wind slab

### **Avalanche prone locations**



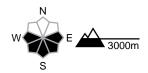
### **Danger description**

The new snow and wind slabs of the last few days are in some cases still prone to triggering. Single winter sport participants can release avalanches in some places. Mostly these are medium-sized. Backcountry touring calls for careful route selection.

# Moderate (2)

#### Wet snow

## Avalanche prone locations



### **Danger description**

On steep sunny slopes more frequent small and medium-sized moist loose snow avalanches are to be expected as a consequence of warming during the day.

### region G

# Moderate (2+)



## Wind slab

## Avalanche prone locations



### **Danger description**

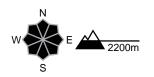
As a consequence of a moderate bise wind, avalanche prone wind slabs formed on Monday. The avalanche prone locations are to be found in particular in gullies and bowls, and behind abrupt changes in the terrain. Avalanches can in some places be released by people and reach medium size.

Backcountry touring calls for defensive route selection.

## Moderate (2)

### Gliding snow

#### Avalanche prone locations



#### **Danger description**

On steep grassy slopes more gliding avalanches are to be expected, but they will be mostly small. Caution is to be exercised in areas with glide cracks.

5 very high

Danger levels

1 low

2 moderate

3 considerable

4 high

## region H

## Moderate (2+)



#### Wind slab

### **Avalanche prone locations**



### **Danger description**

The new snow and wind slabs of the last few days are in some cases still prone to triggering. Single winter sport participants can release avalanches in some places. Mostly these are medium-sized. Backcountry touring calls for careful route selection.

# region I

# Low (1)



### Wind slab

As a consequence of a moderate to strong bise wind, mostly small wind slabs formed. The avalanche prone locations are to be found adjacent to ridgelines and in gullies and bowls.

Restraint should be exercised because avalanches can sweep people along and give rise to falls.

## region J

# Low (1)



#### Wind slab

The fresh and older wind slabs are in some cases prone to triggering. Avalanches can in isolated cases be released by people. Mostly avalanches are small.

The wind slabs are to be evaluated with care and prudence in steep terrain.

# Snowpack and weather

updated on 23.4.2024, 17:00

## **Snowpack**

Avalanches may occur particularly in the various layers of new snow and wind slabs from recent days. It has been snowing a lot in the north over the last eight days. A total of 1 to 1.5 m of snow has fallen, and up to around 2 m in some regions. Avalanches may therefore be large. Towards the south, the total amount of new snow is decreasing appreciably. In all regions, the amount of new snow increases significantly with altitude and may considerably exceed the amounts described in the avalanche bulletin in the high Alpine regions.

Before the onset of the wintry weather, the old snowpack on east-, south- and west-facing slopes was soaked up to above 3000 m and on north-facing slopes up to approximately 2500 m. Falling temperatures have caused the old snowpack to stabilise. Wet and gliding avalanche activity is currently low. Mostly small gliding avalanches are expected, especially on slopes that had been free of snow prior to these snowfalls.

### Weather review for Tuesday, 23.04.2024

It was often cloudy, and snow fell widely down to low altitudes.

#### New snow

From Monday afternoon to Tuesday afternoon, the following amounts of fresh snow were recorded above approximately 1400 m:

- northern flank of the Alps excluding the Vaud Alps: 10 to 20 cm, and locally up to 30 cm;
- elsewhere: widely 5 to 15 cm, less in the south.

#### **Temperature**

At midday at 2000 m, between -7 °C in the north and -4 °C in the west and south.

#### Wind

- There was a weak to moderate northerly wind.
- There was a moderate Bise wind in the Prealps and the Jura.

#### Weather forecast until Wednesday, 24.04.2024

In the north, it will be cloudy with clear spells, especially in Valais. There will be some snowfall down to low altitudes. It will be dry and fairly sunny in the south.

#### **New snow**

From Tuesday afternoon to Wednesday afternoon, the following amounts of fresh snow are expected above 1400 m:

- Northern Alpine Ridge: 10 to 20 cm;
- elsewhere: widely 5 to 10 cm, mostly dry in the south.

#### **Temperature**

At midday at 2000 m, between -6 °C in the north and -2 °C in the south.

### Wind

The wind will turn from the northeast to the northwest:

- weak to moderate winds in the north;
- sometimes strong winds in the south.



## Trend until Friday, 26.04.2024

#### **Thursday**

During Wednesday night into Thursday, a little snow will continue to fall in the north down to low altitudes. During the day, it will become increasingly sunny in the north. In the south it will be sunny at first, with clouds then moving in from the south. Temperatures will remain cool.

The danger of dry avalanches will decrease somewhat. As a result of solar radiation, loose snow avalanches arising from the new snow are expected to increase in the north, with some of them potentially becoming large due to the substantial amount of new snow.

#### Friday

Precipitation will set in from the south during Thursday night into Friday. A little new snow will fall above 1000 to 1400 m until the afternoon. In the north, it will be sunny at times in the morning and then increasingly cloudy, but mostly dry. There will be an increasingly strong southerly wind. In the north, the temperature will increase, reaching around 0 °C at 2000 m in the afternoon.

The avalanche danger will not change significantly.

