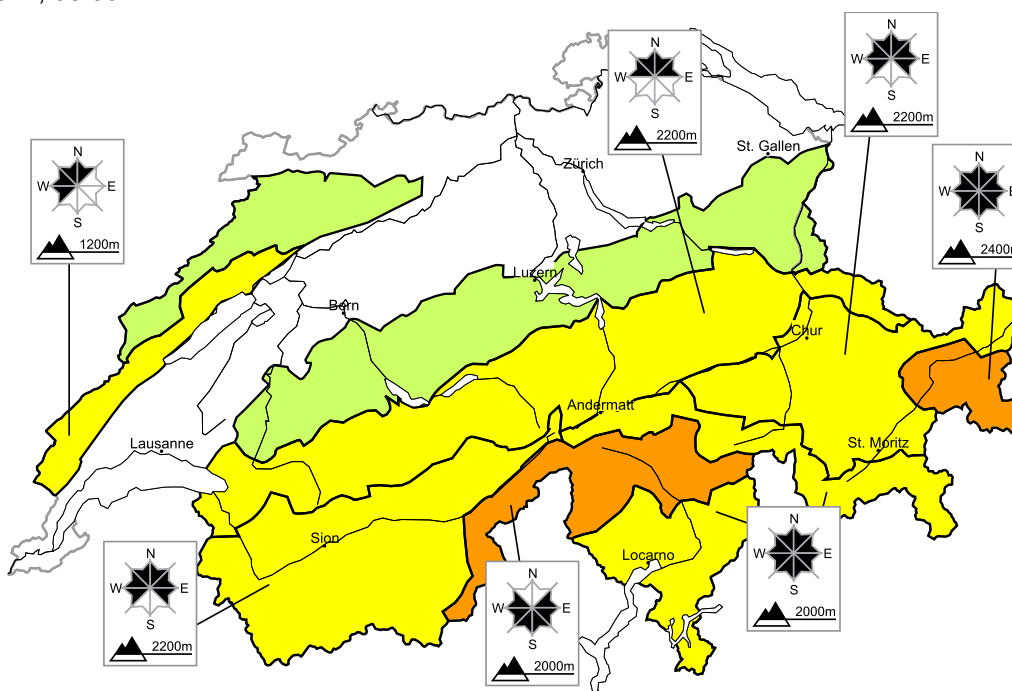


## In the south a considerable avalanche danger will be encountered in some regions

Edition: 9.1.2021, 08:00 / Next update: 9.1.2021, 17:00

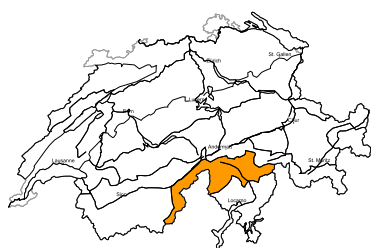
### Avalanche danger

updated on 9.1.2021, 08:00



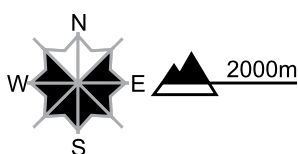
**region A**

**Level 3, considerable**



#### Wind slabs

##### Avalanche prone locations



##### Danger description

As a consequence of a moderate northerly wind, wind slabs formed on Friday especially adjacent to ridgelines and in pass areas. These can be released easily. Avalanches can reach medium size. Backcountry touring and other off-piste activities call for experience in the assessment of avalanche danger.

**Danger levels**

1 low

2 moderate

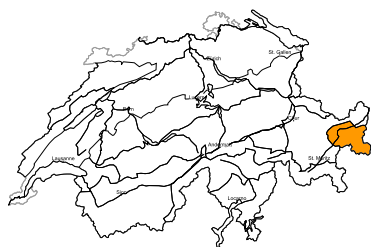
3 consider.

4 high

5 very high

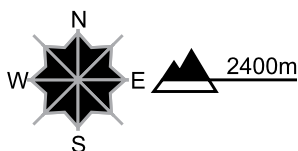
**region B**

**Level 3, considerable**



**Old snow**

**Avalanche prone locations**

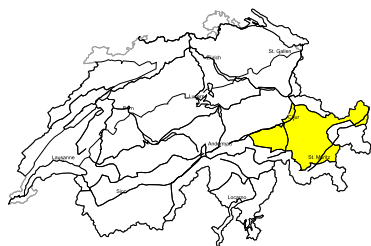


**Danger description**

Adjustment based on numerous observations from the field:  
 Avalanches can be released in the old snowpack and reach medium size. Places where surface hoar has been covered with snow are especially dangerous. Here the likelihood of avalanches is substantially higher. Whumpfing and hissing sounds and shooting cracks when stepping on the snowpack indicate the danger. Backcountry touring and other off-piste activities call for defensive route selection.  
 The avalanche situation is more favourable in highly frequented terrain.

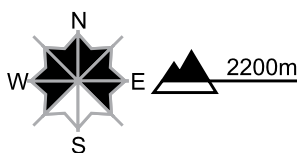
**region C**

**Level 2, moderate**



**Old snow**

**Avalanche prone locations**

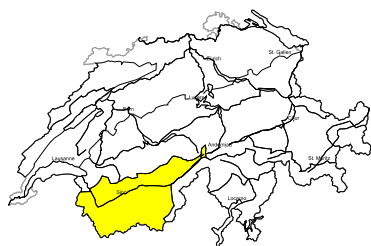


**Danger description**

Avalanches can in isolated cases be released in the old snowpack and reach medium size. Places where surface hoar has been covered with snow are especially unfavourable. These avalanche prone locations are difficult to recognise. Isolated whumpfing sounds can indicate the danger. Backcountry touring and other off-piste activities call for defensive route selection.

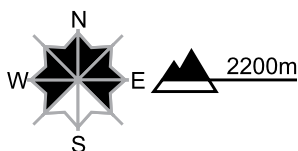
**region D**

**Level 2, moderate**



**Old snow**

**Avalanche prone locations**



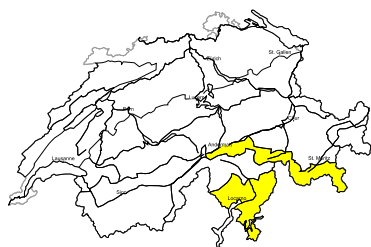
**Danger description**

Avalanches can in isolated cases be released in the old snowpack and reach dangerously large size. These avalanche prone locations are difficult to recognise. Isolated whumpfing sounds can indicate the danger. Caution is to be exercised in particular in areas where the snow cover is rather shallow, and at transitions from a shallow to a deep snowpack. Backcountry touring and other off-piste activities call for defensive route selection.



**region E**

**Level 2, moderate**



**Wind slabs**

**Avalanche prone locations**

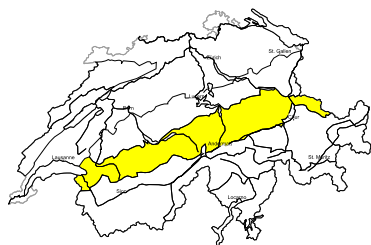


**Danger description**

As a consequence of a sometimes moderate northerly wind, mostly small wind slabs formed on Friday especially adjacent to ridgelines and in pass areas. These are prone to triggering. Avalanches can additionally in some places be released in near-surface layers. Avalanches can reach medium size. Backcountry touring and other off-piste activities call for careful route selection.

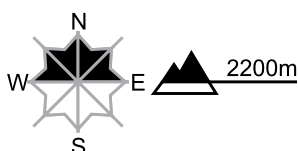
**region F**

**Level 2, moderate**



**No distinct avalanche problem**

**Avalanche prone locations**

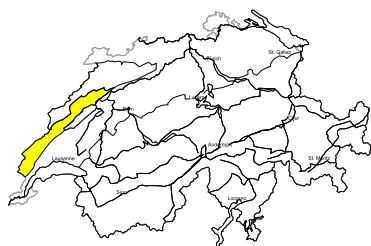


**Danger description**

The near-surface layers of the snowpack can still be released in isolated cases. Caution is to be exercised in particular in gullies and bowls, and behind abrupt changes in the terrain. As a consequence of a sometimes moderate northeasterly wind, small wind slabs will form in some localities. These are to be evaluated with care and prudence in very steep terrain. Careful route selection is important.

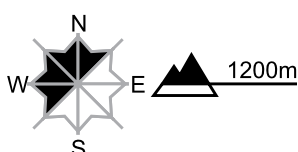
**region G**

**Level 2, moderate**



**Wind slabs**

**Avalanche prone locations**

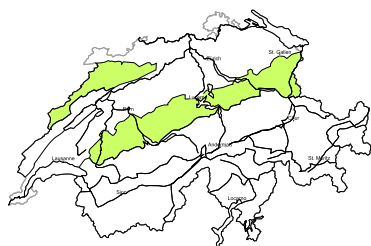


**Danger description**

As a consequence of a strong northeasterly wind, clearly visible wind slabs will form. These are rather small but can be released easily. 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. Caution is to be exercised in particular on very steep slopes.

**region H**

**Level 1, low**



**Wind slabs**

As a consequence of a gathering strong northeasterly wind, mostly small wind slabs will form in the course of the day. These are in some cases prone to triggering. Even a small avalanche can sweep snow sport participants along and give rise to falls. Caution is to be exercised in particular on very steep slopes.

## Snowpack and weather

updated on 8.1.2021, 17:00

### Snowpack

The snowpack on the northern flank of the Alps is comparatively shallow for this juncture of the season, showing heavy impact from winds. In some places on north-facing slopes above 2400 m, weak layers are evident more deeply embedded inside the snowpack. Nevertheless, there have been no avalanches reported as having released in these layers for more than ten days. Moreover, stability tests generally demonstrated fractures only from high degrees of loading or only partial fractures in these layers.

In the Valais and in Grisons, fractures are possible in some places in the expansively metamorphosed (faceted) weak layers in the middle and lower parts of the snow cover. Whumpf noises can be an indication of imminent danger. In parts of the Lower Engadine and in Val Müstair, surface hoar was blanketed by fresh snow, avalanche prone locations are found more frequently there. In regions where the snow is shallow, the entire snowpack is expansively metamorphosed in some areas, and loosely-packed.

On the southern flank of the Alps, the snowpack structuring is predominantly favourable. The snowdrift accumulations which were generated on Friday, in particular, can be triggered with great ease.

### Observed weather on Friday, 08.01.2021

Following a night of predominantly clear skies, it was sunny in the mountains during the daytime. In the Jura region and the eastern sector of the northern flank of the Alps there was low stratus cloud cover resembling high-fog.

#### Fresh snow

-

#### Temperature

At midday at 2000 m in the northern regions, -11 °C; and in the southern regions, -8 °C.

#### Wind

Winds during the nighttime hours will be southwesterly, during the daytime northerly; predominantly blowing at light strength, blowing intermittently at moderate strength only at high altitudes, on the Main Alpine Ridge and on the southern flank of the Alps.

### Weather forecast through Saturday, 09.01.2021

On the northern flank of the Alps and in the Jura region, high fog will prevail, its upper border reaching to 1200 to 1500 m. Above that and in the Alps it will be quite sunny during the afternoon in spite of high-altitude cloudbanks.

#### Fresh snow

-

#### Temperature

At midday at 2000 m, between -4 °C in the western regions and -8 °C in the eastern and the southern regions.

#### Wind

Winds will be predominantly light to moderate from northeasterly directions; in the Prealps and the Jura region, moderate to strong velocity northeasterly winds will arise during the course of the day.

### Outlook through Monday, 11.01.2021

On both days it will be quite sunny in the mountains. In the Prealps and the Jura region, high fog will prevail extending up to 1800 m on Sunday and up to 1500 m on Monday.

Avalanche danger levels are not expected to change significantly.