

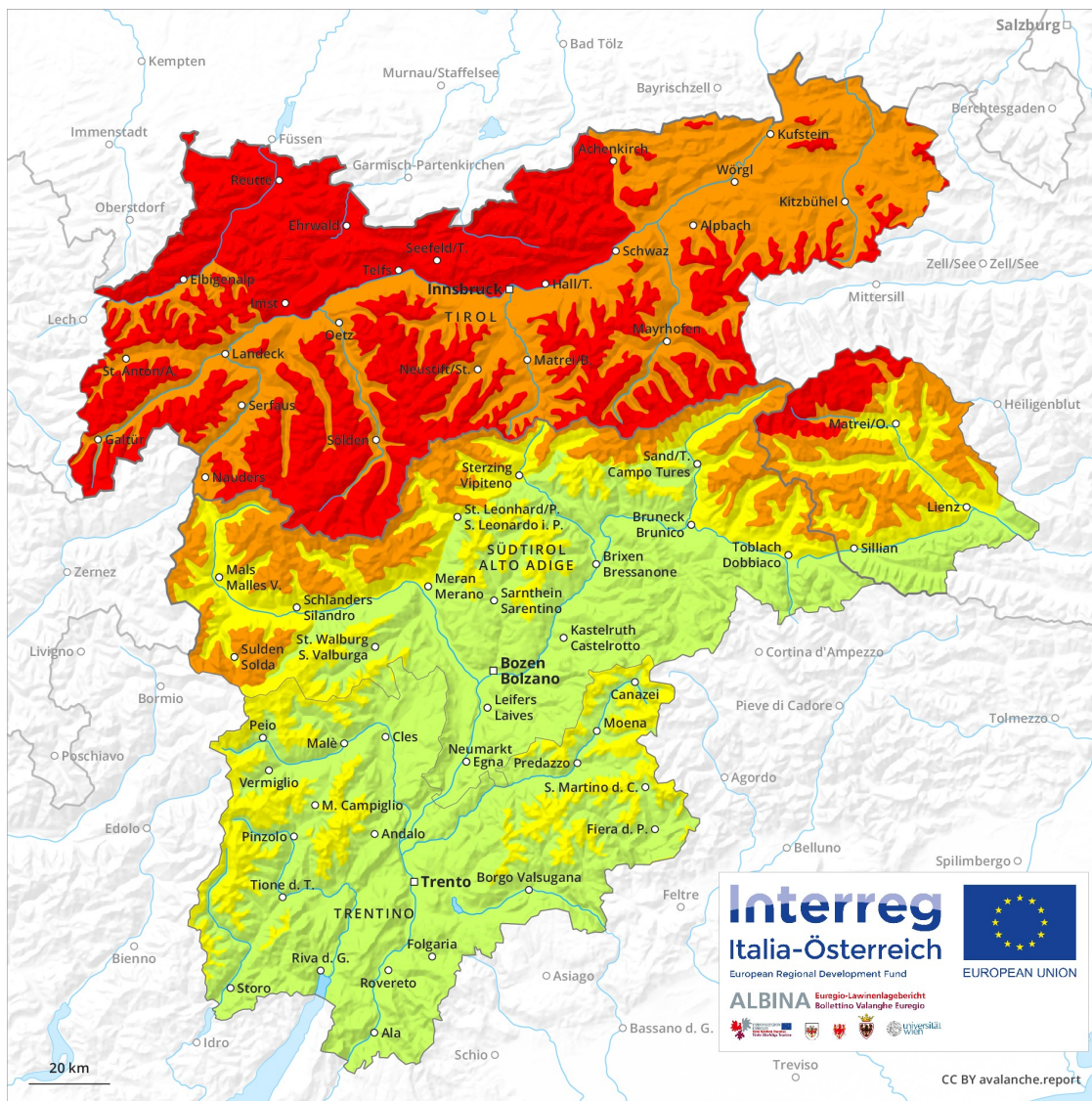
# Avalanche Forecast

## Friday 11 01 2019

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Avalanche.report



## Danger Level 4 - High



**Tendency: Decreasing avalanche danger**  
on Saturday 12 01 2019



Wind-drifted  
snow



Treeline



Gliding snow



2400m

Snow sport activities outside marked and open pistes call for very extensive experience in the assessment of avalanche danger and great restraint.

In all aspects extensive wind slabs formed. Single winter sport participants can release avalanches very easily, including dangerously large ones. This applies in particular in areas close to the tree line as well as above the tree line. With the end of the intensive snowfall, the natural avalanche activity will appreciably decrease. Very isolated large to very large natural avalanches are possible as before. This applies on very steep sunny slopes along the border with Bavaria. Below approximately 2400 m medium-sized and, in isolated cases, large gliding avalanches are to be expected. This applies on steep grassy slopes. Below the tree line dry loose snow avalanches are to be expected, especially on extremely steep slopes in places that are protected from the wind. Exposed parts of transportation routes can be endangered occasionally.

## Snowpack

### Danger patterns

dp 6: cold, loose snow and wind

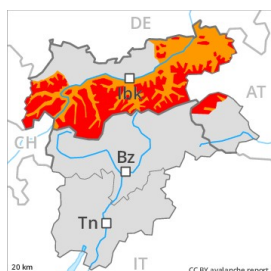
dp 2: gliding snow

Over a wide area 50 to 100 cm of snow, and even more in some localities, has fallen in the last few days. The wind was strong. Deep wind slabs formed. The snowpack will be generally prone to triggering. Over a wide area fresh snow and wind slabs are lying on soft layers.

## Tendency

The avalanche danger will decrease gradually.

## Danger Level 4 - High



**Tendency: Decreasing avalanche danger**  
on Saturday 12 01 2019



Wind-drifted  
snow



Treeline



Gliding snow



2400m

Snow sport activities outside marked and open pistes call for very extensive experience and great restraint.

As a consequence of fresh snow and a strong northwesterly wind, avalanche prone wind slabs formed. This applies in particular in areas close to the tree line as well as above the tree line. Single winter sport participants can release avalanches very easily, including dangerously large ones, especially adjacent to ridgelines and in gullies and bowls. The avalanche prone locations are sometimes covered with fresh snow and are difficult to recognise. Individual medium-sized to large natural avalanches are possible as before, especially on very steep sunny slopes. Below approximately 2400 m medium-sized and, in isolated cases, large gliding avalanches are to be expected. This applies on steep grassy slopes. The conditions are very precarious for winter sport activities outside marked and open pistes.

### Snowpack

#### Danger patterns

dp 6: cold, loose snow and wind

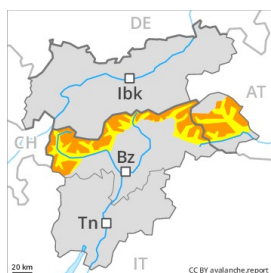
dp 2: gliding snow

Over a wide area 30 to 50 cm of snow, and even more in some localities, has fallen in the last few days. The wind was strong. The snowpack will be generally prone to triggering. The fresh wind slabs are lying on soft layers in all aspects.

### Tendency

Slight decrease in danger.

## Danger Level 3 - Considerable



Treeline

**Tendency: Decreasing avalanche danger**  
 on Saturday 12 01 2019



Wind-drifted  
 snow



Treeline



Persistent  
 weak layer



2200m

### Wind slabs and weakly bonded old snow require caution.

As a consequence of fresh snow and a strong to storm force wind, extensive wind slabs formed in the last few days in all aspects. These can in many cases be released by small loads. Additionally avalanches can be released in the old snowpack and reach large size in isolated cases. In particular transitions from a shallow to a deep snowpack are unfavourable. On wind-loaded slopes and on very steep sunny slopes individual natural avalanches are possible. In particular in regions neighbouring those that are subject to danger level 4 (high) and in the Ahrntal avalanche prone locations are more prevalent and the danger is greater. Individual gliding avalanches can also occur. This applies in particular in the regions with a lot of snow. The conditions are sometimes critical for backcountry touring and other off-piste activities.

### Snowpack

**Danger patterns**

dp 6: cold, loose snow and wind

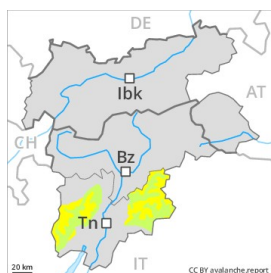
dp 4: cold following warm / warm following cold

The snowpack will be generally prone to triggering. Over a wide area fresh snow and wind slabs are lying on soft layers. Faceted weak layers exist in the old snowpack.

### Tendency

Gradual decrease in avalanche danger.

## Danger Level 2 - Moderate



**Tendency: Constant avalanche danger** →  
on Saturday 12 01 2019



Wind-drifted  
snow



Persistent  
weak layer



The wind slabs represent the main danger.

As a consequence of northerly wind, mostly small wind slabs formed in particular adjacent to ridgelines and in gullies and bowls as well as above approximately 2300 m. They are in many cases rather small but can only be released by large loads in most cases. At high altitudes and in high Alpine regions avalanche prone locations are more prevalent and the danger is greater. These avalanche prone locations are clearly recognisable to the trained eye. 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.

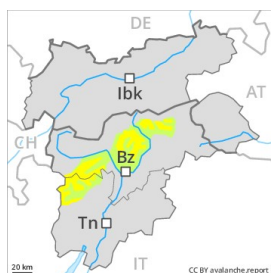
### Snowpack

In steep terrain there is a danger of falling on the hard crust. Below approximately 2300 m a little snow is lying. The snowpack will be subject to considerable local variations above approximately 2500 m. The mostly small wind slabs must be evaluated with care and prudence in all aspects above approximately 2500 m. Isolated avalanche prone weak layers exist in the snowpack in particular on shady slopes.

### Tendency

The avalanche danger will persist.

## Danger Level 2 - Moderate



**Tendency: Constant avalanche danger** →  
on Saturday 12 01 2019



Wind-drifted  
snow



### Fresh wind slabs require caution.

The fresh wind slabs of the last few days can be released even by a single winter sport participant in all aspects above approximately 2000 m, especially at their margins. The avalanche prone locations are to be found in gullies and bowls above approximately 2000 m, and adjacent to ridgelines in all aspects. In these regions the avalanches are mostly medium-sized. The prevalence of avalanche prone locations and likelihood of triggering will increase at high altitude and in the high Alpine regions. Individual natural avalanches are possible. In regions neighbouring those that are subject to danger level 3 (considerable) avalanche prone locations are more prevalent and the danger is greater.

### Snowpack

**Danger patterns**

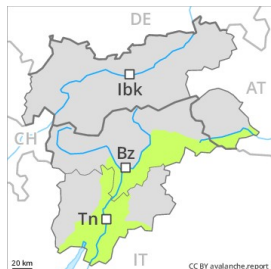
dp 6: cold, loose snow and wind

The sometimes storm force wind will transport the fresh snow significantly. In some cases the wind slabs have bonded poorly with the old snowpack. The snowpack will be subject to considerable local variations. In steep terrain there is a danger of falling on the hard snow surface.

### Tendency

Moderate, level 2.

## Danger Level 1 - Low



**Tendency: Constant avalanche danger** →  
on Saturday 12 01 2019



Wind-drifted  
snow



The fresh wind slabs represent the main danger.

The wind slabs are to be found especially adjacent to ridgelines and in gullies and bowls and generally at high altitudes. These avalanche prone locations are rather rare and are easy to recognise. Mostly the avalanches are only small but in some cases easily released. 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.

### Snowpack

**Danger patterns**

dp 6: cold, loose snow and wind

The sometimes strong wind will transport the snow. The snowpack will be subject to considerable local variations above approximately 2300 m. In some places wind slabs are lying on a weakly bonded old snowpack. Below approximately 2300 m from a snow sport perspective, in most cases insufficient snow is lying.

### Tendency

Low, level 1.