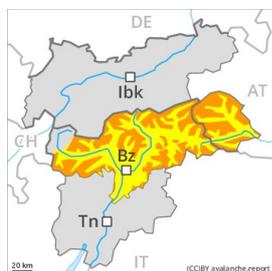


## Danger Level 3 - Considerable



**Tendency: Constant avalanche danger** →  
 on Sunday 10.01.2021



Persistent weak layer



Treeline



Wind-drifted snow



Treeline

A treacherous avalanche situation will prevail. Weak layers in the upper part of the snowpack necessitate caution.

The near-surface layers of the snowpack necessitate caution and restraint. Dry avalanches can be triggered in the weakly bonded old snow and reach quite a large size. Remotely triggered avalanches are possible. Avalanche prone locations for dry avalanches are to be found on steep shady slopes, also below the tree line. The avalanche prone locations are covered with new snow and are barely recognisable, even to the trained eye. Especially places where surface hoar has been covered with snow are treacherous. Whumpfung sounds and the formation of shooting cracks when stepping on the snowpack serve as an alarm indicating the danger. Meticulous route selection is important.

The fresh wind slabs are mostly small but prone to triggering. These avalanche prone locations are to be found above the tree line, caution is to be exercised adjacent to ridgelines and in gullies and bowls. As a consequence of solar radiation more dry snow slides and avalanches are possible as the day progresses.

In addition a latent danger of gliding avalanches exists.

### Snowpack

#### Danger patterns

dp.8: surface hoar blanketed with snow

dp.4: cold following warm / warm following cold

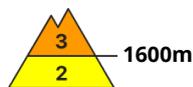
Faceted weak layers exist in the top section of the snowpack. The fresh wind slabs will be deposited on soft layers. The somewhat older wind slabs are lying on surface hoar in some places. Stability tests and snow profiles confirm the unfavourable bonding of the snowpack. As a consequence of low temperatures the snowpack can not consolidate.

Towards its base, the snowpack is well consolidated.

### Tendency

A precarious avalanche situation will persist.

## Danger Level 3 - Considerable



**Tendency: Constant avalanche danger** →

on Sunday 10 01 2021



Persistent weak layer



Persistent weak layer



### Weak layers in the upper part of the snowpack necessitate caution.

Dry avalanches can as before be released, even by small loads in isolated cases and reach large size. Small and medium-sized natural avalanches are, however, not entirely ruled out. The avalanche prone locations are to be found in particular adjacent to ridgelines and in gullies and bowls, caution is to be exercised on steep slopes also below the tree line, as well as at the base of rock walls and behind abrupt changes in the terrain.

Whumpung sounds and the formation of shooting cracks when stepping on the snowpack are a clear indication of a weakly bonded snowpack. Remotely triggered avalanches are possible. In addition a latent danger of gliding avalanches exists. In the event of solar radiation this applies in particular on steep sunny slopes.

Ski touring and snowshoe hiking call for extensive experience in the assessment of avalanche danger and careful route selection.

### Snowpack

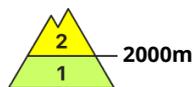
Towards its surface, the snowpack is fairly homogeneous; its surface consists of loosely bonded snow. In some places new snow and wind slabs are lying on surface hoar. The avalanche prone locations are sometimes covered with new snow and are therefore difficult to recognise. The new snow and wind slabs of last week are bonding only slowly with the old snowpack in all aspects.

Faceted weak layers exist in the centre of the snowpack in particular on shady slopes. Towards its base, the snowpack is well consolidated.

### Tendency

At elevated altitudes a precarious avalanche situation will still be encountered. As a consequence of low temperatures the snowpack can not consolidate.

## Danger Level 2 - Moderate



**Tendency: Constant avalanche danger** →

on Sunday 10 01 2021



Persistent weak layer



Wind-drifted snow



The current avalanche situation calls for experience in the assessment of avalanche danger.

A sometimes treacherous avalanche situation will prevail. This applies in particular in the south. Weak layers in the upper part of the snowpack can still be released in some place by winter sport participants in particular on steep sunny slopes. This applies in particular between approximately 2200 and 2600 m. Mostly the avalanches are medium-sized.

Also places where surface hoar has been covered with snow are unfavourable. Caution is to be exercised in particular on very steep shady slopes at transitions from a shallow to a deep snowpack, when entering gullies and bowls for example, also at intermediate altitudes.

### Snowpack

**Danger patterns**

dp.4: cold following warm / warm following cold

dp.8: surface hoar blanketed with snow

Faceted weak layers exist in the top section of the snowpack. This applies in particular on sunny slopes between approximately 2200 and 2600 m. The older wind slabs are lying on surface hoar in some places. Towards its base, the snowpack is well consolidated.

### Tendency

Weak layers in the upper part of the snowpack necessitate caution.



## Danger Level 2 - Moderate



**Tendency: Constant avalanche danger** →  
 on Sunday 10 01 2021



Wind-drifted snow



Treeline



Persistent weak layer



2400m

Individual avalanche prone locations for dry avalanches are to be found on very steep slopes above approximately 2200 m.

Weak layers in the lower part of the snowpack can be released by large additional loads. This applies in particular on very steep shady slopes above approximately 2200 m, as well as at transitions from a shallow to a deep snowpack, when entering gullies and bowls for example. Mostly the avalanches are medium-sized.

Fresh and somewhat older wind slabs are mostly shallow but in some cases prone to triggering. Caution is to be exercised in particular adjacent to ridgelines and in gullies and bowls.

### Snowpack

**Danger patterns**

dp.1: deep persistent weak layer

dp.7: snow-poor zones in snow-rich surrounding

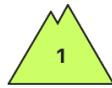
Here only a little snow is lying. The snowpack is faceted. The fresh and somewhat older wind slabs are lying on top of a weakly bonded old snowpack. Faceted weak layers exist in the bottom section of the snowpack at high altitudes and in high Alpine regions.

### Tendency

The avalanche danger will persist.



## Danger Level 1 - Low



**Tendency: Constant avalanche danger** →  
on Sunday 10 01 2021

### Low, level 1.

Individual avalanche prone locations for dry avalanches are to be found on very steep shady slopes above approximately 2000 m, especially adjacent to ridgelines. The avalanche prone locations are rare and are easy to recognise.

### Snowpack

From a snow sport perspective, in most cases insufficient snow is lying. Hardly any weak layers exist in the snowpack.

### Tendency

Low, level 1.