

# Avalanche Forecast

## Sunday 23 12 2018

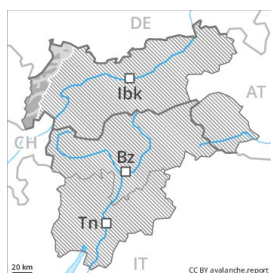
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Avalanche.report



## Danger Level 3 - Considerable



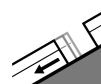
**Tendency: Increasing avalanche danger**  
on Monday 24 12 2018



Wind-drifted  
snow



Treeline



Gliding snow



2400m

As a consequence of fresh snow and strong wind there will be an increase in the danger of dry avalanches.

In the afternoon as a consequence of the storm force southwesterly wind there will be an appreciable increase in the avalanche danger. Avalanche prone wind slabs will form. This applies in all aspects especially above approximately 2200 m. On steep slopes the dry avalanches can be released easily and reach medium size in some cases. The number and size of avalanche prone locations will increase with altitude. Also places where surface hoar has been covered with snow are critical, in particular in shady places that are protected from the wind. As a consequence of the rain, the likelihood of gliding avalanches and moist snow slides being released will increase below approximately 2400 m. Areas with glide cracks are to be avoided as far as possible.

## Snowpack

### Danger patterns

dp 6: cold, loose snow and wind

dp 2: gliding snow

10 to 15 cm of snow, and even more in some localities, will fall above approximately 2200 m, in particular along the border with Vorarlberg. The snowpack will be subject to considerable local variations. The fresh snow and wind slabs will be deposited on soft layers above approximately 2200 m. In the afternoon the wind slabs will increase in size appreciably. The fresh wind slabs are in isolated cases quite large and prone to triggering. In some places fresh snow and wind slabs are lying on surface hoar. No distinct weak layers exist in the bottom section of the snowpack.

## Tendency

Further increase in avalanche danger as a consequence of fresh snow and strong wind.

## Danger Level 2 - Moderate



**Tendency: Increasing avalanche danger**  
 on Monday 24 12 2018



Wind-drifted snow



Treeline



Gliding snow



2400m

As a consequence of fresh snow and strong wind there will be an increase in the danger of dry avalanches.

In the afternoon as a consequence of the storm force southwesterly wind there will be an appreciable increase in the avalanche danger. Avalanche prone wind slabs will form. This applies in all aspects especially above approximately 2200 m. On steep slopes the dry avalanches can be released easily and reach medium size in some cases. The number and size of avalanche prone locations will increase with altitude. Also places where surface hoar has been covered with snow are critical, in particular in shady places that are protected from the wind. As a consequence of the rain, the likelihood of gliding avalanches and moist snow slides being released will increase below approximately 2400 m. Areas with glide cracks are to be avoided as far as possible.

### Snowpack

**Danger patterns**

dp 6: cold, loose snow and wind

dp 2: gliding snow

Over a wide area 15 cm of snow, and even more in some localities, will fall above approximately 2200 m. The snowpack will be subject to considerable local variations. The fresh snow and wind slabs will be deposited on soft layers above approximately 2200 m. In the afternoon the wind slabs will increase in size appreciably. The fresh wind slabs are in isolated cases quite large and prone to triggering. In some places fresh snow and wind slabs are lying on surface hoar. No distinct weak layers exist in the bottom section of the snowpack.

### Tendency

Further increase in avalanche danger as a consequence of fresh snow and strong wind.

## Danger Level 2 - Moderate



**Tendency: Increasing avalanche danger**  
 on Monday 24 12 2018



Wind-drifted  
 snow



Treeline



Persistent  
 weak layer



2800m  
 2000m

### Fresh wind slabs require caution. Weakly bonded old snow requires caution.

As a consequence of fresh snow and a strong wind from southwesterly directions, avalanche prone wind slabs will form as the day progresses in all aspects. The fresh wind slabs can be released, even by a single winter sport participant and reach medium size. The number and size of avalanche prone locations will increase at high altitude and in the high Alpine regions. These avalanche prone locations are barely recognisable because of the poor visibility. Weak layers in the lower part of the snowpack can be released in some places by winter sport participants on steep west, north and east facing slopes, in particular between approximately 2000 and 2800 m. This applies especially in areas where the snow cover is rather shallow. Defensive route selection is recommended.

### Snowpack

**Danger patterns**

dp 6: cold, loose snow and wind

dp 1: deep persistent weak layer

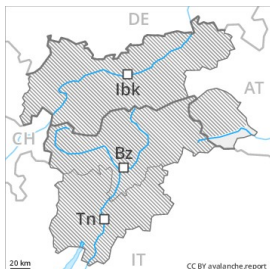
Some snow will fall. The snowpack will be in some cases prone to triggering. The brittle wind slabs can be released easily, or in isolated cases naturally, in all aspects above the tree line. Shady slopes where surface hoar has been covered with snow are especially unfavourable. Faceted weak layers exist in the old snowpack on steep west, north and east facing slopes, in particular above approximately 2000 m and below approximately 2800 m. Isolated whumpfung sounds serve as an alarm indicating the danger. As a consequence of warming, the likelihood of moist loose snow avalanches being released will increase below the tree line.

### Tendency

Further increase in danger of dry avalanches as a consequence of fresh snow and strong wind.



## Danger Level 1 - Low



**Tendency: Constant avalanche danger** →  
on Monday 24 12 2018



Wind-drifted  
snow



### Only a little snow is lying.

Caution is to be exercised in particular adjacent to ridgelines and in gullies and bowls and on wind-loaded slopes. The avalanche prone locations are clearly recognisable to the trained eye. Apart from the danger of being buried, restraint should be exercised in particular in view of the danger of avalanches sweeping people along and giving rise to falls. There is a danger of falling on the hard snow surface.

### Snowpack

**Danger patterns**

dp 6: cold, loose snow and wind

The snowpack will be subject to considerable local variations. In all altitude zones from a snow sport perspective, in most cases insufficient snow is lying.