Saturday 05 01 2019

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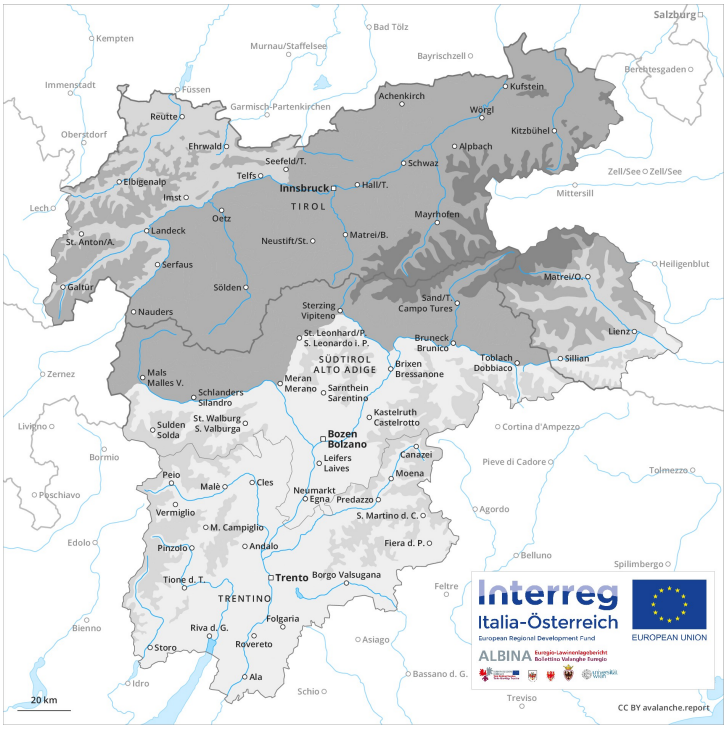
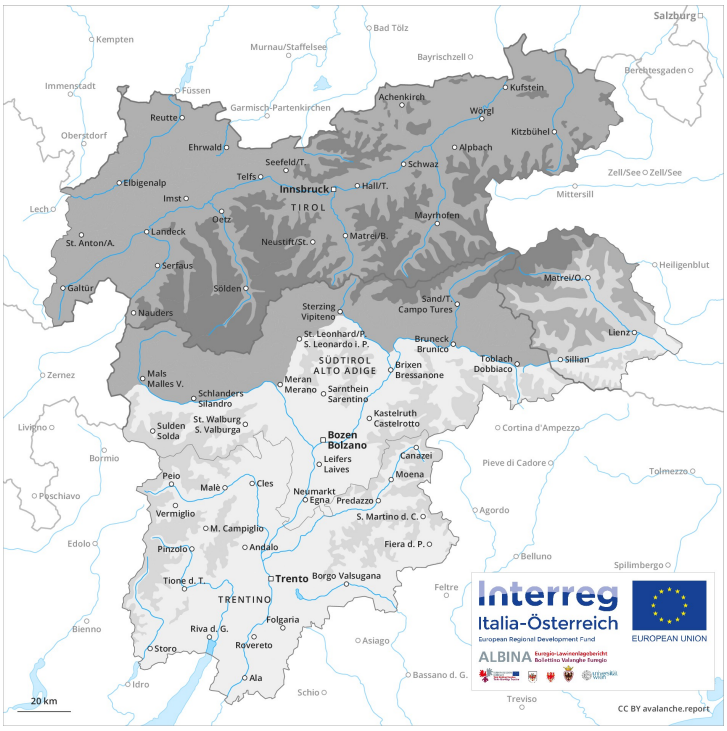
Avalanche.report

AM

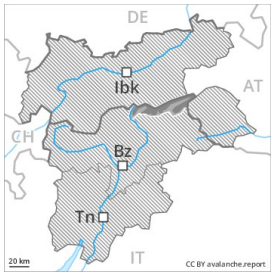


PM



1	2	3	4	5
low	moderate	considerable	high	very high

Danger Level 4 - High



Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

The conditions are very precarious.

Remotely triggered and natural avalanches are possible. In all aspects and from starting zones at higher altitudes numerous large and, in isolated cases, very large dry slab avalanches are possible as a consequence of fresh snow and stormy weather. Mostly avalanches are shallow and can be released easily by a single winter sport participant. The avalanche prone locations are widespread and are barely recognisable because of the poor visibility. Ski touring and other off-piste activities, including snowshoe hiking, call for great caution and restraint. Exposed transportation routes can be endangered very occasionally. The peak of avalanche activity will be reached from the middle of the day probably.

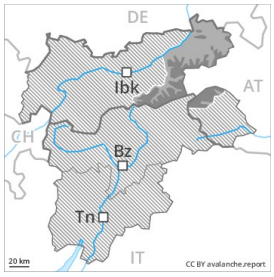
Snowpack

The sometimes deep wind slabs of the last six days are lying on the unfavourable surface of an old snowpack in all aspects. In particular in the Southern Zillertal Alps and High Tauern, in the Durreck Range they will increase in size substantially. Also transitions from a shallow to a deep snowpack are especially dangerous. For those venturing off piste a very precarious avalanche situation will prevail.

Tendency

The wind will be storm force. Light snowfall.

Danger Level 4 - High



Treeline

Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

Treeline

New snow

As a consequence of fresh snow and wind a high avalanche danger will persist. Exposed transportation routes can be endangered occasionally.

As a consequence of fresh snow and wind the already large wind slabs will increase in size additionally. The fresh snow and wind slabs can be released easily or naturally in all aspects above the tree line. This also applies on steep slopes in areas close to the tree line. Numerous small and medium-sized natural avalanches are to be expected. Especially in the Zillertal Alps and in the High Tauern the dry avalanches can penetrate even deep layers and reach large size. Exposed transportation routes can be endangered. The peak of avalanche activity will be reached in the afternoon probably. The conditions are very dangerous for snow sport activities outside marked and open pistes.

Snowpack

Danger patterns dp 6: cold, loose snow and wind | dp 9: graupel blanketed with snow

Saturday: Over a wide area 40 to 70 cm of snow, and even more in some localities, will fall. The wind will be strong to storm force. The snowpack will be generally prone to triggering. Over a wide area fresh snow and wind slabs are lying on soft layers. The extensive wind slabs can be released easily or naturally in all aspects above the tree line. This also applies in areas close to the tree line. Faceted weak layers exist deep in the old snowpack in particular in the Northern Zillertal Alps and in the High Tauern.

Tendency

Stormy weather and fresh snow: High avalanche danger will persist.

Danger Level 4 - High

AM:

Treeline

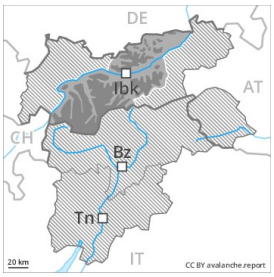
Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

Treeline

New snow

PM:



Treeline

Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

Treeline

New snow

Fresh wind slabs represent the main danger. Increase in avalanche danger in the afternoon.

As a consequence of fresh snow and wind the wind slabs will increase in size once again. In the afternoon as the snowfall becomes more intense there will be an increase in the avalanche danger to level 4 (high). The fresh snow and wind slabs can be released easily or naturally in all aspects above the tree line. In addition small and medium-sized natural avalanches are to be expected. Dry avalanches can in isolated cases release deeper layers of the snowpack and reach large size. The conditions are dangerous for winter sport activities outside marked and open pistes. Below the tree line the situation is a little more favourable. The danger exists primarily in alpine snow sports terrain. Avalanches capable of reaching valley bottoms and endangering exposed transportation routes are unlikely to occur.

Snowpack

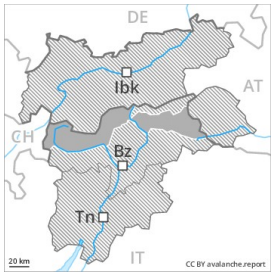
Danger patterns dp 6: cold, loose snow and wind | dp 9: graupel blanketed with snow

Saturday: 30 to 50 cm of snow. will fall. The wind will be strong to storm force. The snowpack will be generally prone to triggering. Over a wide area fresh snow and wind slabs are lying on soft layers. The extensive wind slabs can be released easily. or in isolated cases naturally, in all aspects above the tree line. Isolated avalanche prone weak layers exist deeper in the snowpack in particular on very steep west, north and east facing slopes. This applies especially in the Tuxer Alps, in the Northern Oetz and Stubai Alps and along the border with South Tyrol. Weak layers in the old snowpack can be released in isolated cases and mostly by large additional loads.

Tendency

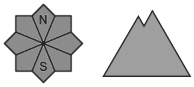
The snow sport conditions outside marked and open pistes remain very dangerous.

Danger Level 3 - Considerable



Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow



Extensive experience in the assessment of avalanche danger is required.

As a consequence of fresh snow and stormy weather the already large wind slabs will increase in size once again. These can in many cases be released by small loads or triggered naturally. Especially on wind-loaded slopes medium-sized natural avalanches must be expected in many places. The avalanche prone locations are to be found on steep slopes in all altitude zones. The conditions are dangerous for backcountry touring and other off-piste activities.

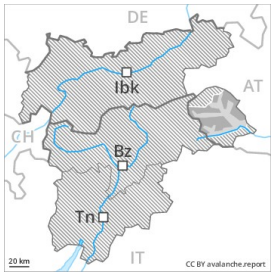
Snowpack

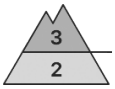
In particular along the border with Austria in some localities up to 15 cm of snow, and up to 20 cm in some localities, will fall. The northerly wind will transport the fresh snow. Fresh snow and wind slabs are lying on soft layers. Isolated avalanche prone weak layers exist in the old snowpack. The snowpack will be weakly bonded over a wide area. Medium-sized and, in isolated cases, large dry slab avalanches are possible in particular adjacent to ridgelines and in gullies and bowls.

Tendency

The wind will be storm force. Especially in the north light snowfall.

Danger Level 3 - Considerable





Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

Treeline

Persistent weak layer

2200m

Wind slabs and weakly bonded old snow require caution.

Fresh wind slabs: As a consequence of fresh snow and a strong northwesterly wind, extensive wind slabs will form in particular in gullies and bowls and behind abrupt changes in the terrain. These can be released even by a single winter sport participant in all aspects, especially above the tree line as well as in areas close to the tree line. At elevated altitudes and in the regions neighbouring those that are subject to danger level 4 (high) avalanche prone locations are more prevalent and the danger is greater. Avalanches can reach medium size. Weakly bonded old snow: Weakly bonded old snow above approximately 2200 m. Avalanches can in some places be released, mostly by large loads. The avalanche prone locations are to be found in particular on steep west to north to east facing slopes. Especially transitions from a shallow to a deep snowpack are unfavourable. Backcountry touring and other off-piste activities call for extensive experience in the assessment of avalanche danger and great restraint.

Snowpack

Danger patterns dp 6: cold, loose snow and wind | dp 4: cold following warm / warm following cold

Saturday: 10 to 30 cm of snow. will fall. The wind will be strong to storm force. The avalanche-prone wind slabs of the last few days are lying on soft layers. Even single winter sport participants can release avalanches easily. Faceted weak layers exist in the centre of the snowpack, in particular above approximately 2200 m.

Tendency

Considerable avalanche danger will persist.

Danger Level 3 - Considerable

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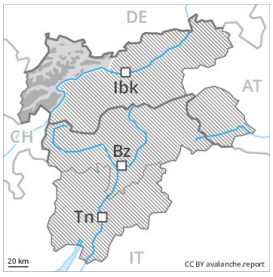
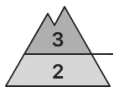




Treeline

Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

Treeline

Persistent weak layer

2200m

PM:

Treeline

Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

Treeline

Persistent weak layer

Fresh wind slabs are prone to triggering in all aspects above the tree line. Avalanches can in some places be released in the old snowpack also.

As a consequence of fresh snow and a strong to storm force northerly wind, avalanche prone wind slabs will form. Even single winter sport participants can release avalanches in many places, including dangerously large ones. The avalanche prone locations are to be found on wind-loaded slopes, and adjacent to ridgelines and in gullies and bowls in all aspects. At elevated altitudes avalanche prone locations are more prevalent and the danger is greater. As the snowfall becomes more intense the prevalence and size of the avalanche prone locations will increase in the afternoon. Weakly bonded old snow: Individual avalanche prone locations are to be found on very steep slopes above approximately 2200 m. On very steep west, north and east facing slopes the avalanche prone locations are more prevalent. Weak layers in the old snowpack can be released especially in areas where the snow cover is rather shallow, this applies in particular in case of a large load. Backcountry touring and other off-piste activities call for extensive experience in the assessment of avalanche danger and restraint. Below the tree line the situation is a little more favourable.

Snowpack

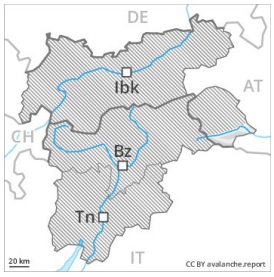
Danger patterns dp 6: cold, loose snow and wind | dp 4: cold following warm / warm following cold

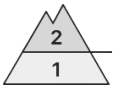
Saturday: 10 to 30 cm of snow, and even more in some localities, will fall. The wind will be strong to storm force. The fresh snow and wind slabs will be deposited on soft layers. Extensive wind slabs will form. They are prone to triggering in all aspects. Individual weak layers exist in the old snowpack. This applies especially on very steep east, north and west facing slopes above approximately 2200 m.

Tendency

Considerable danger of dry avalanches will persist.

Danger Level 2 - Moderate





Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

Treeline

Hardly any snow is lying.

The fresh wind slabs represent the main danger. These are to be found in particular adjacent to ridgelines and in gullies and bowls as well as in the high Alpine regions. The avalanche prone locations are rare and are easy to recognise. At high altitude avalanche prone locations are more prevalent. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

Snowpack

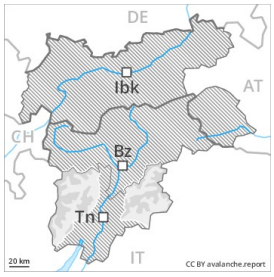
Danger patterns dp 6: cold, loose snow and wind

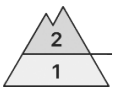
From a snow sport perspective, in most cases insufficient snow is lying.

Tendency

Fresh wind slabs represent the main danger.

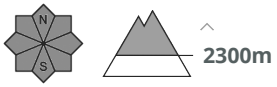
Danger Level 2 - Moderate



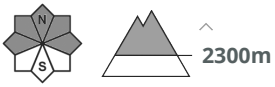


Tendency: Constant avalanche danger
on Sunday 06 01 2019

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.

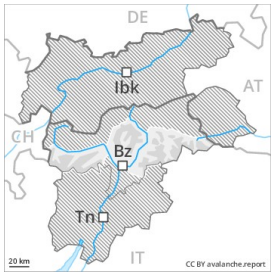
Snowpack

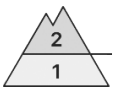
In steep terrain there is a danger of falling on the hard crust. Below approximately 2300 m a little snow is lying. The snowpack will be subject to considerable local variations above approximately 2500 m. The mostly small wind slabs must be evaluated with care and prudence in all aspects above approximately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

Tendency

The avalanche danger will persist.

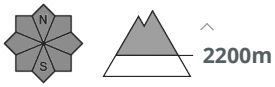
Danger Level 2 - Moderate





Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow



Wind slabs require caution.

In all aspects the wind slabs have increased in size moderately. These can in some places be released by small loads. The avalanche prone locations are to be found in gullies and bowls above approximately 2000 m, and adjacent to ridgelines in all aspects. Mostly the avalanches are only small but in many cases easily released.

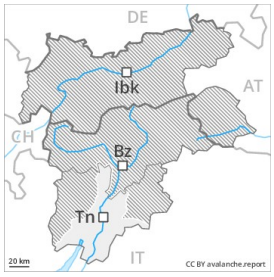
Snowpack

The wind slabs have bonded insufficiently with the old snowpack. The near-surface layers of the snowpack necessitate caution. The snowpack will be subject to considerable local variations. In steep terrain there is a danger of falling on the hard snow surface.

Tendency

The wind will be strong to storm force.

Danger Level 1 - Low



Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

2300m

In all altitude zones a little snow is lying. Wind slabs require caution.

They are to be found in particular adjacent to ridgelines and in gullies and bowls as well as in the high Alpine regions. The wind slabs represent the main danger. They are rather rare and are easy to recognise. The avalanche prone locations are to be found in particular adjacent to ridgelines and in gullies and bowls in northwest to north to east facing aspects above approximately 2300 m. The mostly small wind slabs can be released by a single winter sport participant in isolated cases. Restraint should be exercised because avalanches can sweep people along and give rise to falls.

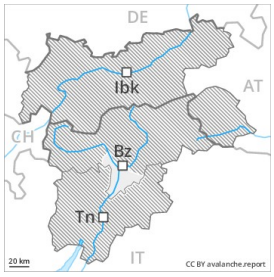
Snowpack

From a snow sport perspective, in most cases insufficient snow is lying below approximately 2300 m.

Tendency

The avalanche danger will persist.

Danger Level 1 - Low



Tendency: Constant avalanche danger
on Sunday 06 01 2019

Wind-drifted snow

2300m

Only a little snow is lying.

The fresh and older wind slabs represent the main danger. They 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. 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

The snowpack will be subject to considerable local variations above approximately 2300 m. Below approximately 2300 m from a snow sport perspective, in most cases insufficient snow is lying. The surface of the snowpack has frozen to form a strong crust. There is a danger of falling on the icy crust.

Tendency

Stormy weather.