

Danger Level 3 - Considerable



Treeline

Tendency: Constant avalanche danger →

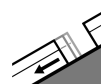
on Sunday 14 02 2021



Wind-drifted snow



Treeline



Gliding snow



2200m



Persistent weak layer



Treeline

Fresh wind slabs represent the main danger. At elevated altitudes a considerable avalanche danger will still be encountered.

The new snow and wind slabs remain very prone to triggering in all aspects above the tree line. This applies in particular on very steep slopes, and adjacent to ridgelines. The fresh wind slabs can be released easily, or in isolated cases naturally, in all aspects and generally above the tree line. The number and size of avalanche prone locations will increase with altitude.

Weak layers in the old snowpack are difficult to recognise. Avalanches can in isolated cases penetrate deep layers and reach quite a large size.

Backcountry touring calls for extensive experience in the assessment of avalanche danger and careful route selection. A latent danger of gliding avalanches exists. Areas with glide cracks are to be avoided as far as possible.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

As a consequence of a moderate to strong northerly wind, clearly visible wind slabs formed especially adjacent to ridgelines. This also applies in gullies and bowls below the tree line. The fresh wind slabs are lying on soft layers in all aspects. The various wind slabs have bonded poorly together.

Faceted weak layers exist in the centre of the snowpack in particular above the tree line.

Towards its base, the snowpack is moist and its surface has a melt-freeze crust, in particular at low and intermediate altitudes.

Tendency

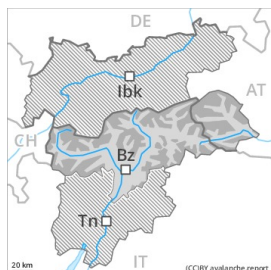
A latent danger of gliding avalanches exists. As a consequence of low temperatures the snowpack can not consolidate, especially in the vicinity of peaks and at high altitude. Fresh wind slabs are to be evaluated with care and prudence.



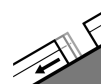
Danger Level 3 - Considerable



Tendency: Constant avalanche danger →
 on Sunday 14 02 2021



Wind-drifted
 snow



Gliding snow



Persistent
 weak layer



Wind slabs in the high Alpine regions. Gliding snow is to be evaluated with care and prudence.

The fresh wind slabs can be released easily. or in isolated cases naturally, in all aspects above approximately 2000 m. The number and size of avalanche prone locations will increase with altitude. Avalanches can also penetrate deep layers and reach dangerously large size. Weak layers in the old snowpack can still be released in some places by individual winter sport participants in particular in areas where the snow cover is rather shallow.

A latent danger of gliding avalanches exists. 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

The fresh wind slabs are lying on soft layers in all aspects above the tree line. The various wind slabs have bonded poorly together.

Towards its base, the snowpack is moist and its surface has a melt-freeze crust, in particular at low and intermediate altitudes.

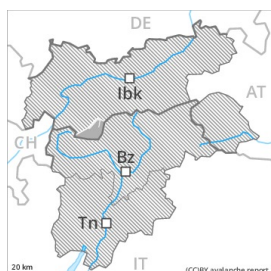
Avalanche prone weak layers exist in the centre of the snowpack in all aspects, in particular above approximately 2000 m.

Tendency

As a consequence of low temperatures and the occasionally strong wind, the snowpack can not consolidate during the next few days. Fresh wind slabs require caution. In addition a latent danger of gliding avalanches exists.



Danger Level 3 - Considerable



Tendency: Constant avalanche danger →

on Sunday 14 02 2021



Wind-drifted
snow



Treeline



Persistent
weak layer



2000m

Wind slabs are to be evaluated critically.

As a consequence of a sometimes strong wind from variable directions, easily released wind slabs will form. These can over a wide area be released, even by a single winter sport participant. As a consequence of the strong wind individual natural avalanches are possible. The avalanche prone locations are to be found in all aspects at high altitudes and in high Alpine regions. Avalanches can be released in the weakly bonded old snow especially on west, north and east facing slopes. This applies in particular above approximately 2000 m. Between approximately 2000 and 2400 m the avalanche prone locations are more prevalent.

In isolated cases avalanches can penetrate deep layers and reach large size.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

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

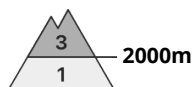
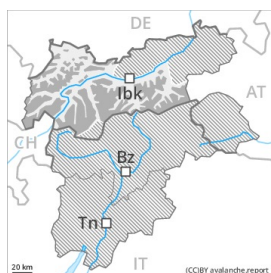
The fresh wind slabs are lying on soft layers at high altitudes and in high Alpine regions.

Avalanche prone weak layers exist in the centre of the snowpack, especially between approximately 2000 and 2400 m on west, north and east facing slopes.

Tendency

Hardly any decrease in avalanche danger.

Danger Level 3 - Considerable



Tendency: Constant avalanche danger →
 on Sunday 14 02 2021



Persistent weak layer



Wind-drifted snow



Treeline

Wind slabs and weakly bonded old snow are to be assessed with care and prudence.

Avalanches can be released in the weakly bonded old snow especially at transitions from a shallow to a deep snowpack, when entering gullies and bowls for example. This applies in particular above approximately 2000 m on steep west, north and east facing slopes. Between approximately 2000 and 2400 m the avalanche prone locations are more prevalent.

As a consequence of a sometimes strong wind from variable directions, easily released wind slabs will form. These can be released, even by a single winter sport participant and reach medium size. The avalanche prone locations are to be found in all aspects above the tree line. Avalanches can in isolated cases penetrate deep layers and reach large size.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

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

The fresh wind slabs are lying on soft layers at high altitudes and in high Alpine regions.

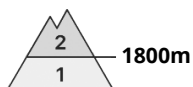
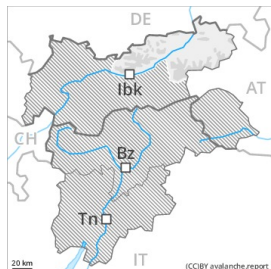
Avalanche prone weak layers exist in the centre of the snowpack, especially between approximately 2000 and 2400 m on steep west, north and east facing slopes.

Tendency

Hardly any decrease in avalanche danger.



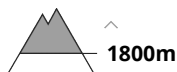
Danger Level 2 - Moderate



Tendency: Constant avalanche danger →
on Sunday 14 02 2021



Wind-drifted
snow



Fresh wind slabs require caution.

As a consequence of a sometimes strong wind, avalanche prone wind slabs will form. The avalanche prone locations are to be found in particular adjacent to ridgelines. Such avalanche prone locations are clearly recognisable to the trained eye.

Weak layers in the old snowpack can still be released in very isolated cases by individual winter sport participants. This applies at high altitude, in particular in the Western Kitzbühel Alps.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

In some cases the various wind slabs have bonded still only poorly together. Individual weak layers exist in the centre of the snowpack. At low altitude a little snow is lying.

Tendency

Hardly any decrease in avalanche danger.