



Danger Level 3 - Considerable



Treeline

Tendency: Constant avalanche danger →

on Wednesday 25 01 2023



Wind slab



Treeline

Snowpack stability: **very poor**

Frequency: **many**

Avalanche size: **medium**



Persistent weak layer



2200m

Snowpack stability: **poor**

Frequency: **some**

Avalanche size: **medium**

The current avalanche situation calls for caution and restraint. Fresh wind slabs require caution.

As a consequence of new snow and a sometimes strong wind from easterly directions, sometimes large wind slabs formed in all aspects. The fresh and somewhat older wind slabs can be released easily, even by a single winter sport participant, especially in areas close to the tree line, and above the tree line. These avalanche prone locations are sometimes covered with new snow and are barely recognisable because of the poor visibility. Mostly avalanches are medium-sized. Remotely triggered and natural avalanches are possible in isolated cases.

Additionally avalanches can also be released in deep layers. Such avalanche prone locations are to be found on steep, little used shady slopes above approximately 2200 m and on steep sunny slopes above approximately 2500 m. Especially transitions from a shallow to a deep snowpack are unfavourable. Backcountry touring and other off-piste activities call for defensive route selection.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

dp.1: deep persistent weak layer

Over a wide area 10 to 20 cm of snow, and even more in some localities, fell on Monday. In some localities up to 10 cm of snow will fall on Tuesday. The wind will be moderate. The fresh snow and the wind slabs are lying on top of a weakly bonded old snowpack.

Faceted weak layers exist in the old snowpack, especially on shady slopes above approximately 2200 m, as well as on sunny slopes above approximately 2500 m.

The snowpack remains quite prone to triggering. Whumpfung sounds and the formation of shooting cracks when stepping on the snowpack are a clear indication.

Tendency

Considerable avalanche danger will persist. The cold fresh snow and in particular the sometimes large wind slabs formed by the moderate to strong wind are poorly bonded with the old snowpack.



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Wind slab



Treeline

Snowpack stability: **poor**

Frequency: **many**

Avalanche size: **medium**



Persistent weak layer



2200m

Snowpack stability: **poor**

Frequency: **some**

Avalanche size: **medium**

Considerable avalanche danger will prevail. Wind slabs and weakly bonded old snow represent the main danger.

The fresh and older wind slabs can be released easily, even by a single winter sport participant, in all aspects, in particular in areas close to the tree line, and above the tree line. These avalanche prone locations are numerous and are barely recognisable because of the poor visibility. At elevated altitudes the avalanche prone locations are more prevalent. Mostly avalanches are medium-sized. Remotely triggered avalanches are possible in isolated cases.

Additionally avalanches can also be released in deep layers. Such avalanche prone locations are to be found on steep, little used shady slopes above approximately 2200 m and on steep sunny slopes above approximately 2500 m. Especially transitions from a shallow to a deep snowpack are unfavourable. Backcountry touring and other off-piste activities call for caution and restraint.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

dp.1: deep persistent weak layer

In some localities up to 10 cm of snow will fall. The wind will be moderate to strong. Fresh wind slabs are lying on weak layers in all aspects above the tree line.

Faceted weak layers exist in the old snowpack, especially on shady slopes above approximately 2200 m, as well as on sunny slopes above approximately 2500 m.

The snowpack remains quite prone to triggering. Whumpfung sounds and the formation of shooting cracks when stepping on the snowpack are a clear indication.

Tendency

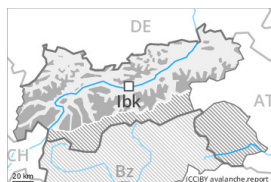
Considerable avalanche danger will prevail. The fresh wind slabs of the weekend are bonding only slowly with the old snowpack. The snowpack remains quite prone to triggering.

Danger Level 3 - Considerable



Treeline

Tendency: Constant avalanche danger →
 on Wednesday 25 01 2023



Wind slab



Treeline

Snowpack stability: **poor**

Frequency: **many**

Avalanche size: **medium**



Persistent weak layer



2200m

Snowpack stability: **poor**

Frequency: **some**

Avalanche size: **medium**

Wind slabs require caution, especially above the tree line, as well as in areas close to the tree line.

As a consequence of a sometimes strong easterly wind, further wind slabs formed on Monday. The fresh and older wind slabs can be released easily, even by a single winter sport participant,. As a consequence of warming, the likelihood of slab avalanches being released will increase for a while. Mostly avalanches are medium-sized. The avalanche prone locations are to be found in all aspects above the tree line, in particular adjacent to ridgelines and in pass areas, as well as in gullies and bowls, and behind abrupt changes in the terrain. Caution is to be exercised, including in areas close to the tree line. At elevated altitudes the avalanche prone locations are more prevalent.

As a consequence of warming during the day and solar radiation loose snow avalanches are possible. This applies especially on rocky sunny slopes.

Additionally avalanches can also be triggered in deep layers. Such avalanche prone locations are to be found on steep, little used shady slopes above approximately 2200 m and on steep sunny slopes above approximately 2500 m.

Backcountry touring and other off-piste activities call for experience in the assessment of avalanche danger and careful route selection.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

dp.1: deep persistent weak layer

As a consequence of a strong wind from northeasterly directions, extensive wind slabs formed in the last few days. These will be deposited on soft layers. The snowpack remains prone to triggering especially adjacent to ridgelines in all aspects.

Faceted weak layers exist in the old snowpack, especially on shady slopes above approximately 2200 m, as well as on sunny slopes above approximately 2500 m. Stability tests and field observations confirm that the stability of the snowpack varies greatly within a small area.

Tendency



Above the tree line a considerable avalanche danger will persist.