



Danger Level 3 - Considerable



Tendency: Constant avalanche danger →
 on Sunday 22 01 2023



Wind slab



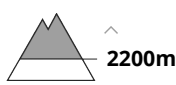
Snowpack stability: **poor**

Frequency: **many**

Avalanche size: **medium**



Persistent weak layer



Snowpack stability: **poor**

Frequency: **some**

Avalanche size: **medium**

Wind slabs and weakly bonded old snow represent the main danger.

As a consequence of a gathering storm force wind, avalanche prone wind slabs will form at elevated altitudes. The fresh wind slabs can be released even by a single winter sport participant. Mostly avalanches are medium-sized. The avalanche prone locations are to be found in all aspects above approximately 2200 m, in particular in gullies and bowls, and behind abrupt changes in the terrain.

Additionally avalanches can also be released in the old snowpack. 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 careful route selection.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

dp.1: deep persistent weak layer

Some snow will fall on Saturday. As a consequence of new snow and a sometimes storm force wind from northeasterly directions, further wind slabs will form. The fresh and older wind slabs are lying on the unfavourable surface of an old snowpack. These are mostly small but in some cases prone to triggering. 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.

Field observations confirm that the stability of the snowpack varies greatly within a small area.

Tendency

As a consequence of low temperatures the snowpack can not consolidate on Sunday. The snowpack remains prone to triggering in some places.



Danger Level 3 - Considerable



Treeline

Tendency: Constant avalanche danger →

on Sunday 22 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**

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

As a consequence of a gathering storm force northeasterly wind, avalanche prone wind slabs will form over a wide area. The fresh wind slabs can be released easily, even by a single winter sport participant,. Mostly avalanches are medium-sized. The avalanche prone locations are to be found in all aspects above the tree line. At elevated altitudes and in the regions exposed to the foehn wind the avalanche prone locations are more prevalent. Remotely triggered avalanches are possible. Individual natural avalanches are not ruled out.

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.

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 particular in the northeast up to 10 cm of snow will fall on Saturday. In the south less snow will fall. As a consequence of a gathering storm force wind from northeasterly directions, further wind slabs will form. These will be deposited on soft layers. The snowpack will become increasingly prone to triggering. Whumpfung sounds and the formation of shooting cracks when stepping on the snowpack are a clear indication.

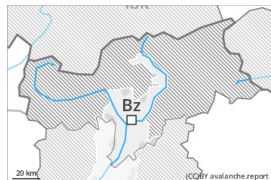
Faceted weak layers exist in the old snowpack, especially on shady slopes above approximately 2200 m, as well as on sunny slopes above approximately 2500 m.

Tendency

As a consequence of low temperatures the snowpack can not consolidate on Sunday. The snowpack remains prone to triggering in some places. Considerable avalanche danger will persist.



Danger Level 2 - Moderate



Tendency: Constant avalanche danger →
on Sunday 22 01 2023



Wind slab



Treeline

Snowpack stability: **poor**

Frequency: **some**

Avalanche size: **medium**

Fresh wind slabs are to be evaluated with care and prudence. Moderate avalanche danger will persist.

As a consequence of a strong northeasterly wind, avalanche prone wind slabs will form by the evening over a wide area. The various wind slabs of the last few days can be released by a single winter sport participant in all aspects. The avalanche prone locations are to be found in particular in steep terrain and adjacent to ridgelines and in gullies and bowls.

Avalanches can additionally be released in the old snowpack in isolated cases. These avalanche prone locations are rare and are difficult to recognise. In regions neighbouring those that are subject to danger level 3 (considerable) the avalanche prone locations are more prevalent.

Experience in the assessment of avalanche danger is required. Meticulous route selection is recommended.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

As a consequence of a gusty wind from northeasterly directions, further wind slabs will form on Saturday. The new snow and wind slabs of the last few days are poorly bonded with the old snowpack. The snowpack is soft and its surface has a crust that is not capable of bearing a load.

Isolated avalanche prone weak layers exist in the old snowpack, especially on steep, little used shady slopes. These are mostly small and in some cases prone to triggering.

Tendency

As a consequence of low temperatures the snowpack can not consolidate on Sunday. The snowpack remains prone to triggering in some places. The avalanche danger will persist.