

Danger Level 3 - Considerable



Tendency: Increasing avalanche danger
on Sunday 06 02 2022

New snow

Gliding snow

Treeline

2400m

Artificially triggered avalanches and stability tests confirm a sometimes precarious avalanche situation.

The large quantity of fresh snow of the last few days as well as the extensive wind slabs are to be evaluated with care and prudence. Avalanches can over a wide area be released, even by a single winter sport participant and reach large size. Such avalanche prone locations are to be found in particular on wind-protected northwest, north and east facing slopes and adjacent to ridgelines, also in shady places that are protected from the wind in areas close to the tree line, as well as below the tree line. Backcountry touring and other off-piste activities call for extensive experience in the assessment of avalanche danger and restraint.

At low and intermediate altitudes and on steep grassy slopes numerous gliding avalanches and moist snow slides are to be expected, in particular medium-sized ones. On extremely steep sunny slopes moist and wet avalanches are possible as a consequence of solar radiation.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

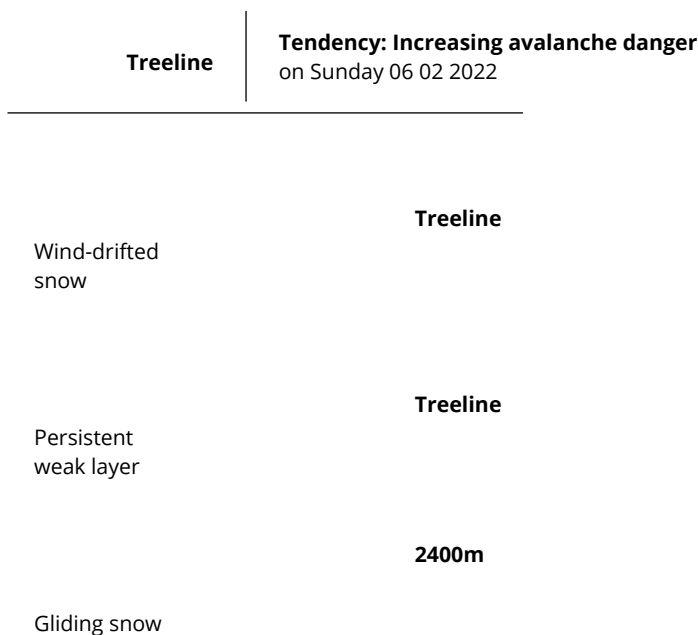
dp.2: gliding snow

Over a wide area 50 to 120 cm of snow, and up to 200 cm in some localities, has fallen since Monday. The wind has transported the new snow significantly. This applies in particular on wind-protected northwest, north and east facing slopes at high altitudes and in high Alpine regions. In some cases the various wind slabs have bonded poorly with each other and the old snowpack. The new snow of the last few days is lying on surface hoar in particular on wind-protected shady slopes in areas close to the tree line. The old snowpack is faceted and weak, especially on wind-protected shady slopes in the western part of the main Alpine ridge.

Tendency

The snowpack remains prone to triggering on the Main Alpine Ridge and to the north. On Sunday as a consequence of the snowfall there will be only a slight increase in the avalanche danger.

Danger Level 3 - Considerable



The conditions are sometimes precarious for backcountry touring and other off-piste activities outside marked and open pistes.

The new snow and wind slabs of the last few days are to be evaluated with care and prudence. Avalanches can over a wide area be released, even by a single winter sport participant and reach large size in isolated cases. The avalanche prone locations are to be found in particular on wind-protected west, north and east facing slopes at high altitudes and in high Alpine regions, also on very steep shady slopes in areas close to the tree line. Remotely triggered avalanches are possible in isolated cases. In regions neighbouring those that are subject to danger level 2 (moderate) the avalanche prone locations are more rare and the danger is lower.

In the regions with a lot of snow more gliding avalanches and moist snow slides are to be expected, even medium-sized ones. On extremely steep sunny slopes loose snow avalanches are possible as a consequence of solar radiation.

Backcountry touring and other off-piste activities call for extensive experience in the assessment of avalanche danger and restraint.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

dp.5: snowfall after a long period of cold

The fresh snow of the last few days and the wind slabs formed by the strong northwesterly wind are lying on top of a weakly bonded old snowpack on wind-protected west, north and east facing slopes. In some cases the various wind slabs have bonded poorly with each other and the old snowpack. As a consequence of a sometimes strong northwesterly wind, further wind slabs will form on Saturday.

The old snowpack will be weakly bonded on the Main Alpine Ridge and to the north, especially on wind-protected shady slopes. Whumpfung sounds and the formation of shooting cracks when stepping on the

snowpack serve as an alarm indicating the danger.
Stability tests and field observations confirm this situation.

Tendency

The snowpack remains prone to triggering on the Main Alpine Ridge and to the north. In the evening as a consequence of the snowfall there will be an increase in the avalanche danger.

Danger Level 2 - Moderate

Treeline

Tendency: Increasing avalanche danger
on Sunday 06 02 2022

Wind-drifted
snow

Treeline

Persistent
weak layer

2200m

Wind slabs are to be evaluated with care and prudence.

Wind slabs represent the main danger. The fresh and somewhat older wind slabs can be released by a single winter sport participant in some cases at high altitudes and in high Alpine regions. They are to be avoided in particular in steep terrain. The avalanche prone locations are to be found especially on steep shady slopes and in gullies and bowls, and behind abrupt changes in the terrain. Avalanches are rather small. In the regions neighbouring those that are subject to danger level 3 (considerable) the avalanche danger is higher.

Meticulous route selection is recommended.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

dp.5: snowfall after a long period of cold

The small quantity of fresh snow of the last few days and the wind slabs formed by the strong northwesterly wind are poorly bonded with the old snowpack in some places, especially on wind-protected shady slopes. As a consequence of a sometimes strong northwesterly wind, further wind slabs will form on Saturday.

The old snowpack will be generally stable. At elevated altitudes snow depths vary greatly, depending on the influence of the wind. Only a small amount of snow is lying for the time of year.

Tendency

In the evening as a consequence of the snowfall there will be an increase in the avalanche danger, in particular in the north.