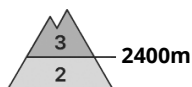


Danger Level 3 - Considerable



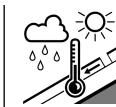
Tendency: Constant avalanche danger →
 on Saturday 18 12 2021



Persistent weak layer



Wind-drifted snow



Wet snow



Weakly bonded old snow requires caution. Fresh wind slabs are to be evaluated with care and prudence.

Weak layers in the old snowpack can still be released by individual winter sport participants. Caution is to be exercised in particular on steep shady slopes at high altitudes and in high Alpine regions, as well as on steep sunny slopes in high Alpine regions. The number and size of avalanche prone locations will increase with altitude. Remotely triggered avalanches are possible. In isolated cases avalanches are large. Whumpfung sounds and the formation of shooting cracks when stepping on the snowpack indicate poor snowpack stability.

The fresh wind slabs are in some cases prone to triggering, in particular on steep shady slopes above the tree line, as well as in all aspects at elevated altitudes.

On very steep sunny slopes wet and gliding avalanches are possible as the day progresses, this also applies on steep shady slopes at intermediate altitudes.

Extensive experience in the assessment of avalanche danger is required.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

dp.1: deep persistent weak layer

Faceted weak layers exist in the centre of the snowpack, in particular on shady slopes above the tree line, as well as on sunny slopes at elevated altitudes. The old snowpack will be prone to triggering in high Alpine regions. Field observations and snow profiles confirm this situation.

The fresh wind slabs will be deposited on the unfavourable surface of an old snowpack in particular on steep shady slopes at high altitudes and in high Alpine regions. As a consequence of mild temperatures and solar radiation the snowpack will consolidate.

Sunshine and high temperatures will give rise as the day progresses to slight moistening of the snowpack.

Tendency

Weakly bonded old snow represents the main danger. Fresh wind slabs require caution.

Danger Level 2 - Moderate



Tendency: Constant avalanche danger →
 on Saturday 18 12 2021



Persistent weak layer



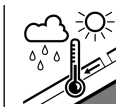
Treeline



Wind-drifted snow



Treeline



Wet snow



2400m

Weakly bonded old snow is to be evaluated with care and prudence. Fresh wind slabs are to be avoided.

Avalanches can in some places be released in the weakly bonded old snow by a single winter sport participant, in particular on steep shady slopes at high altitudes and in high Alpine regions, as well as on steep sunny slopes in high Alpine regions. Mostly avalanches are medium-sized. Whumpfung sounds and the formation of shooting cracks when stepping on the snowpack indicate this situation. The number and size of avalanche prone locations will increase with altitude.

The fresh wind slabs are in some cases prone to triggering. Caution is to be exercised on steep shady slopes at high altitudes and in high Alpine regions.

On very steep sunny slopes gliding avalanches and moist snow slides are possible as the day progresses. Careful route selection is recommended. Steep slopes are to be traversed by snow sport participants one at a time.

Snowpack

Danger patterns

dp.6: cold, loose snow and wind

Faceted weak layers exist in the centre of the snowpack, in particular on shady slopes above the tree line, as well as on sunny slopes at elevated altitudes. Field observations and snow profiles confirm this situation. The wind slabs are in some cases still prone to triggering. They are poorly bonded with the old snowpack in particular on shady slopes. As a consequence of mild temperatures and solar radiation the snowpack will consolidate.

Sunshine and high temperatures will give rise as the day progresses to slight moistening of the snowpack.

Tendency

Weakly bonded old snow requires caution. Fresh wind slabs require caution.