

## Danger Level 3 - Considerable



**Tendency: Decreasing avalanche danger**  
on Sunday 02 01 2022



Wind-drifted  
snow



Fresh wind slabs are to be evaluated with care and prudence. This applies at high altitudes and in high Alpine regions. Slight increase in danger of moist snow slides as a consequence of warming during the day and solar radiation.

The new snow and wind slabs of the last few days represent the main danger. The fresh wind slabs can still be released by a single winter sport participant. The avalanche prone locations are to be found in particular on steep northwest to north to east facing slopes above approximately 2300 m. They are sometimes covered with new snow and are therefore difficult to recognise. Caution is to be exercised in particular in the vicinity of peaks, as well as adjacent to ridgelines. At elevated altitudes these avalanche prone locations are more prevalent and larger. In isolated cases avalanches are large.

Slight increase in danger of moist snow slides as a consequence of warming during the day and solar radiation. This applies on extremely steep sunny slopes.

Snow sport activities outside marked and open pistes call for experience in the assessment of avalanche danger.

## Snowpack

### Danger patterns

dp.6: cold, loose snow and wind

dp.10: springtime scenario

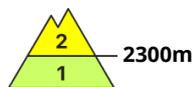
A lot of snow fell in the last few days over a wide area. The sometimes storm force wind has transported the fresh and old snow significantly. This applies at elevated altitudes. In some cases the wind slabs have bonded poorly with the old snowpack, in particular on steep shady slopes above approximately 2300 m. Above the tree line snow depths vary greatly, depending on the influence of the wind. On sunny slopes below approximately 2200 m only a little snow is now lying.

The weather will be exceptionally warm. As a consequence of sharply rising temperatures and solar radiation the snowpack will settle. The snowpack is moist and its surface has a melt-freeze crust that is not capable of bearing a load. This applies in particular on sunny slopes and at low and intermediate altitudes.

## Tendency

Gradual decrease in avalanche danger. Outgoing longwave radiation during the night will be good over a wide area. On Sunday it will be exceptionally warm. The wind will be strong in some localities. As a consequence of mild temperatures the snow drift accumulations will stabilise.

## Danger Level 2 - Moderate



**Tendency: Constant avalanche danger** →

on Sunday 02 01 2022



Wind-drifted  
snow



Fresh wind slabs require caution. Slight increase in danger of moist snow slides as a consequence of warming during the day and solar radiation.

Fresh wind slabs represent the main danger. The fresh wind slabs can in some places be released by a single winter sport participant. These are lying on the unfavourable surface of an old snowpack in particular on shady slopes above approximately 2300 m. They are to be avoided as far as possible. In isolated cases avalanches are medium-sized. The number and size of avalanche prone locations will increase with altitude. Caution is to be exercised in particular in the vicinity of peaks, as well as adjacent to ridgelines. The avalanche prone locations are easy to recognise.

Slight increase in danger of moist snow slides as a consequence of warming during the day and solar radiation. This applies on extremely steep sunny slopes.

## Snowpack

### Danger patterns

dp.6: cold, loose snow and wind

dp.10: springtime scenario

The sometimes storm force wind has transported the fresh and old snow. This applies at elevated altitudes. In some cases the wind slabs have bonded still only poorly with the old snowpack, in particular on steep shady slopes above approximately 2300 m.

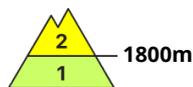
The snowpack will be generally subject to considerable local variations. Above the tree line snow depths vary greatly, depending on the influence of the wind. On sunny slopes below approximately 2200 m only a little snow is now lying.

The weather will be exceptionally warm. As a consequence of sharply rising temperatures and solar radiation the snowpack will settle. The snowpack is moist and its surface has a melt-freeze crust that is not capable of bearing a load. This applies in particular on sunny slopes and at low and intermediate altitudes.

## Tendency

Outgoing longwave radiation during the night will be good over a wide area. On Sunday it will be exceptionally warm. The wind will be strong in some localities. As a consequence of mild temperatures the snow drift accumulations will stabilise.

## Danger Level 2 - Moderate



**Tendency: Constant avalanche danger** →  
 on Sunday 02 01 2022



Wet snow



Wind-drifted  
 snow



A mostly favourable avalanche situation will prevail. Small avalanches and moist snow slides are still possible in particular in the second half of the day.

As a consequence of warming there will be a gradual increase in the danger of wet and gliding avalanches, in particular on south and southwest facing slopes at high altitude, as well as on shady slopes below approximately 2200 m. Wet avalanches can in isolated cases be released in near-ground layers.

The fresh and somewhat older wind slabs are lying on the unfavourable surface of an old snowpack in all aspects at elevated altitudes. They are to be avoided as far as possible. Avalanches can be triggered in the various wind slab layers and reach medium size. Caution is to be exercised in the vicinity of peaks, as well as at transitions from a shallow to a deep snowpack, when entering gullies and bowls for example.

Backcountry touring calls for meticulous route selection.

### Snowpack

As a consequence of highly fluctuating temperatures a crust formed on the surface. From early morning the weather will be very warm. These weather conditions will bring about a weakening of the snowpack as the day progresses in all aspects. At intermediate altitudes the snowpack will soften in the morning already.

Above the tree line snow depths vary greatly, depending on the influence of the wind. The fresh wind slabs are in some cases prone to triggering. This applies in particular on shady slopes at high altitude.

The old snowpack consists of faceted crystals. Faceted weak layers exist in the centre of the snowpack, in particular on shady slopes above approximately 2200 m.

On sunny slopes below approximately 2200 m only a little snow is now lying.

### Tendency

As a consequence of warming during the day and solar radiation more wet and gliding avalanches are possible, but they will be mostly small. As a consequence of highly fluctuating temperatures the snow drift accumulations will stabilise during the next few days.

## Danger Level 1 - Low



**Tendency: Constant avalanche danger** →  
on Sunday 02 01 2022



Wet snow



1800m

A mostly favourable avalanche situation will prevail. Wet and gliding avalanches are still possible during the day.

As the day progresses until the temperature drops there will be only a slight increase in the danger of wet and gliding avalanches, in particular on west, north and east facing slopes.

Avalanches can in very isolated cases be released in near-ground layers, mostly by large additional loads, especially on very steep shady slopes above approximately 2200 m, as well as in gullies and bowls at elevated altitudes.

In these regions from a snow sport perspective, in most cases insufficient snow is lying.

### Snowpack

As a consequence of highly fluctuating temperatures a crust formed on the surface. Today the weather will be very warm. These weather conditions will bring about a rapid weakening of the snowpack from the early morning in all aspects.

The old snowpack consists of faceted crystals. Faceted weak layers exist in the centre of the snowpack, in particular on shady slopes above approximately 2200 m.

On sunny slopes as well as below approximately 1800 m only a little snow is now lying.

### Tendency

As a consequence of warming during the day and solar radiation more wet and gliding avalanches are possible, but they will be mostly small.

## Danger Level 1 - Low



**Tendency: Constant avalanche danger** →  
on Sunday 02 01 2022

Slight increase in danger of moist snow slides as a consequence of warming during the day and solar radiation.

A low (level 1) danger of moist snow slides during the day exists. This applies on extremely steep sunny slopes.

### Snowpack

#### Danger patterns

dp.10: springtime scenario

The snowpack is moist and its surface has a melt-freeze crust that is not capable of bearing a load. This applies in particular on sunny slopes, as well as at low and intermediate altitudes. On extremely steep sunny slopes the snowpack will soften during the day. On sunny slopes below approximately 2200 m only a little snow is now lying. The weather will be exceptionally warm.

Above the tree line snow depths vary greatly, depending on the influence of the wind. The wind slabs of the last few days have bonded well with the old snowpack.

### Tendency

Outgoing longwave radiation during the night will be good over a wide area. On Sunday it will be exceptionally warm.