





Danger Level 3 - Considerable



Tendency: Decreasing avalanche danger
on Tuesday 21 03 2023



Persistent
weak layer



Snowpack stability: **poor**
Frequency: **some**
Avalanche size: **medium**

Weakly bonded old snow is to be evaluated with care and prudence. Wet avalanches as the day progresses.

Weak layers in the old snowpack can be released even now by winter sport participants, especially on very steep shady slopes above approximately 2200 m, as well as on very steep east and west facing slopes above approximately 2400 m. The avalanches can be released in the weakly bonded old snow and reach medium size. Caution is to be exercised on little used northeast and east facing slopes.

As the day progresses the likelihood of wet avalanches being released will increase, in particular on sunny slopes below approximately 2600 m.

Backcountry tours should be concluded timely.

Snowpack

Danger patterns

dp.1: deep persistent weak layer

Faceted weak layers exist in the old snowpack, especially on shady slopes above approximately 2200 m, as well as on east and west facing slopes above approximately 2400 m.

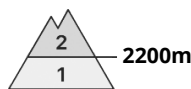
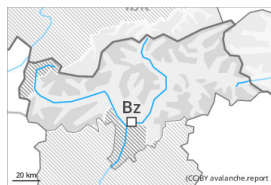
Outgoing longwave radiation during the night will be reduced in some case. The surface of the snowpack is frozen, but not to a significant depth and will soften during the day. These weather conditions will bring about a weakening of the snowpack as the day progresses.

Tendency

The danger of dry avalanches will decrease gradually. As the day progresses as a consequence of warming during the day and solar radiation there will be only a slight increase in the danger of wet avalanches.



Danger Level 2 - Moderate



Tendency: Constant avalanche danger →
on Tuesday 21 03 2023



Persistent weak layer



Snowpack stability: **poor**
Frequency: **some**
Avalanche size: **medium**

Weakly bonded old snow is to be evaluated with care and prudence.

Weak layers in the old snowpack can still be released by individual winter sport participants. This applies in particular on very steep shady slopes above approximately 2200 m, as well as on very steep east and west facing slopes above approximately 2400 m. Caution is to be exercised on little used shady slopes. In addition the older wind slabs at high altitudes and in high Alpine regions are capable of being triggered in isolated cases still.

As the day progresses the likelihood of wet avalanches being released will increase, in particular on sunny slopes below approximately 2600 m. Backcountry tours should be concluded timely.

Snowpack

Danger patterns

dp.1: deep persistent weak layer

Faceted weak layers exist in the old snowpack, especially on shady slopes above approximately 2200 m, as well as on east and west facing slopes above approximately 2400 m.

The old wind slabs are in individual cases still prone to triggering at high altitudes and in high Alpine regions.

Outgoing longwave radiation during the night will be reduced in some case. The surface of the snowpack is frozen, but not to a significant depth and will soften during the day. The weather conditions will bring about a slight weakening of the snowpack as the day progresses.

Tendency

The danger of dry avalanches will decrease gradually. As the day progresses as a consequence of warming during the day and solar radiation there will be only a slight increase in the danger of wet avalanches.



Danger Level 1 - Low



Tendency: Constant avalanche danger →
on Tuesday 21 03 2023

As the day progresses as a consequence of solar radiation there will be only a slight increase in the danger of moist and wet snow slides. Old wind slabs are to be evaluated with care and prudence.

The wind slabs of the last few days are to be evaluated with care and prudence in particular on steep shady slopes at elevated altitudes. The somewhat older wind slabs are to be avoided in particular in very steep terrain, also adjacent to ridgelines and in gullies and bowls.

The solar radiation will give rise as the day progresses to increasing moistening of the snowpack in some places in particular on steep slopes. In all regions individual mostly small moist and wet snow slides are possible as a consequence of warming during the day.

Snowpack

The mostly small wind slabs are in some cases still prone to triggering in particular on shady slopes above the tree line. Above approximately 2000 m snow depths vary greatly, depending on the influence of the wind. In all regions below approximately 2000 m only a little snow is lying.

The solar radiation will give rise as the day progresses to increasing moistening of the snowpack.

Tendency

On Tuesday it will be sunny. Gradual increase in avalanche danger as a consequence of warming during the day and solar radiation.