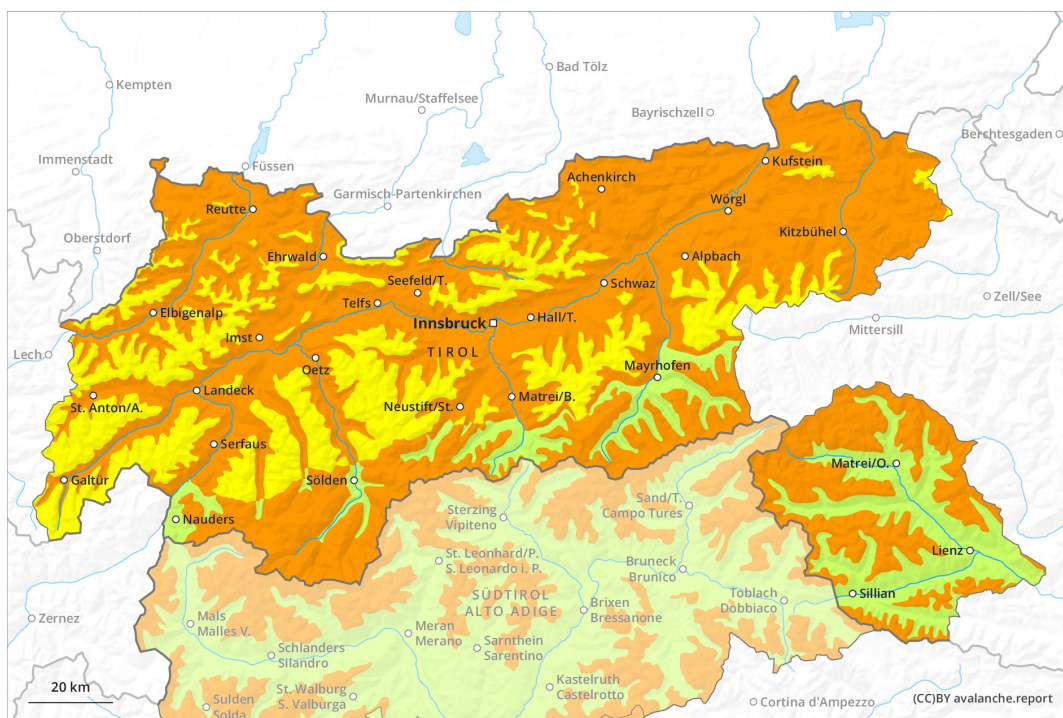




AM



PM



Danger Level 3 - Considerable

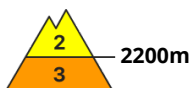
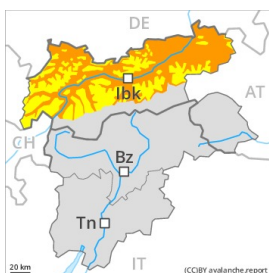
AM:



Tendency: Constant avalanche danger →
 on Monday 10 05 2021



PM:



Tendency: Constant avalanche danger →
 on Monday 10 05 2021



High Alpine regions: Fresh wind slabs require caution. The danger of wet and gliding avalanches will increase significantly during the day.

As a consequence of new snow and a strong to storm force wind from westerly directions, sometimes easily released wind slabs formed in the last few days in high Alpine regions. The avalanche prone locations are to be found in particular on extremely steep shady slopes. Caution is to be exercised adjacent to ridgelines, and in areas where the snow cover is rather shallow. Backcountry touring calls for meticulous route selection.

As a consequence of warming during the day and solar radiation there will be a significant increase in the danger of wet and gliding avalanches, in particular in the regions with a lot of snow. Wet avalanches can be triggered in deep layers and reach medium size in isolated cases. This applies in particular on steep shady slopes. Additionally in some places wet avalanches can also be triggered in near-surface layers. This applies in all aspects below approximately 2200 m.

Snowpack

Danger patterns

dp.10: springtime scenario

dp.6: cold, loose snow and wind

The old snowpack is wet, in particular below approximately 2600 m.

The moist fresh snow of the last few days and the wind slabs formed by the strong to storm force westerly wind are lying on top of a weakly bonded old snowpack in particular on very steep shady slopes. This applies especially above approximately 2600 m, and in areas where the snow cover is rather shallow.

At high altitudes and in high Alpine regions there is still a very large amount of snow. At low and



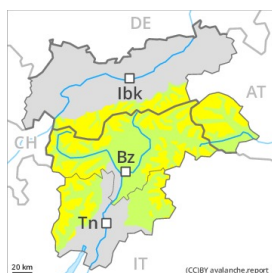
intermediate altitudes only a little snow is lying, especially on sunny slopes.

Tendency

Rapid increase in avalanche danger as a consequence of warming during the day and solar radiation. Fresh wind slabs at high altitude.

Danger Level 3 - Considerable

AM:



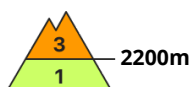
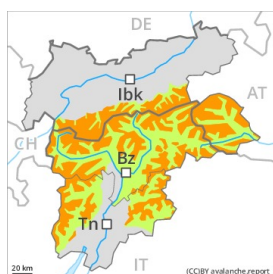
Tendency: Increasing avalanche danger
 on Monday 10 05 2021



Wind-drifted
 snow



PM:



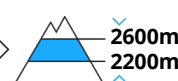
Tendency: Increasing avalanche danger
 on Monday 10 05 2021



Wet snow



Wet snow



Wind-drifted
 snow



This is the final hazard map for the winter 2020/21.

Significant warming to the high Alpine regions. Wet avalanches as the day progresses.

The early morning will see quite favourable conditions mostly. Avalanche prone locations for dry avalanches are to be found adjacent to ridgelines and on steep shady slopes above approximately 2600 m. In high Alpine regions the avalanche prone locations are prevalent and the danger is greater.

As a consequence of warming during the day and solar radiation a large number of wet avalanches are to be expected as the day progresses. This applies in particular on steep sunny slopes at high altitudes and in high Alpine regions, as well as on steep shady slopes below approximately 2600 m. Wet avalanches can release the saturated snowpack and reach large size. Exposed parts of transportation routes can be endangered. Wet avalanches can additionally be released in near-surface layers by people. Backcountry tours should be started early and concluded timely.

The Avalanche Warning Service currently has only a small amount of information that has been collected in the field, so that the avalanche danger should be investigated especially thoroughly in the relevant locality.

Snowpack

Danger patterns

dp.10: springtime scenario



Outgoing longwave radiation during the night will be good over a wide area. Significant warming to the high Alpine regions. From midday the wind will be strong to storm force.

In some cases the wind slabs have bonded still only poorly with each other and the old snowpack, in particular in high Alpine regions, as well as on steep shady slopes.

Towards its base, the snowpack is moist and its surface has a strong melt-freeze crust. Sunshine and high temperatures will give rise as the day progresses to a loss of strength within the snowpack.

At low and intermediate altitudes only a little snow is lying, especially on sunny slopes. At high altitudes and in high Alpine regions a lot of snow is lying for the time of year.

Tendency

Monday: Wind slabs in the high Alpine regions. Wet avalanches at intermediate and high altitudes.

Tuesday: Significant increase in danger of dry avalanches as a consequence of new snow and stormy weather.