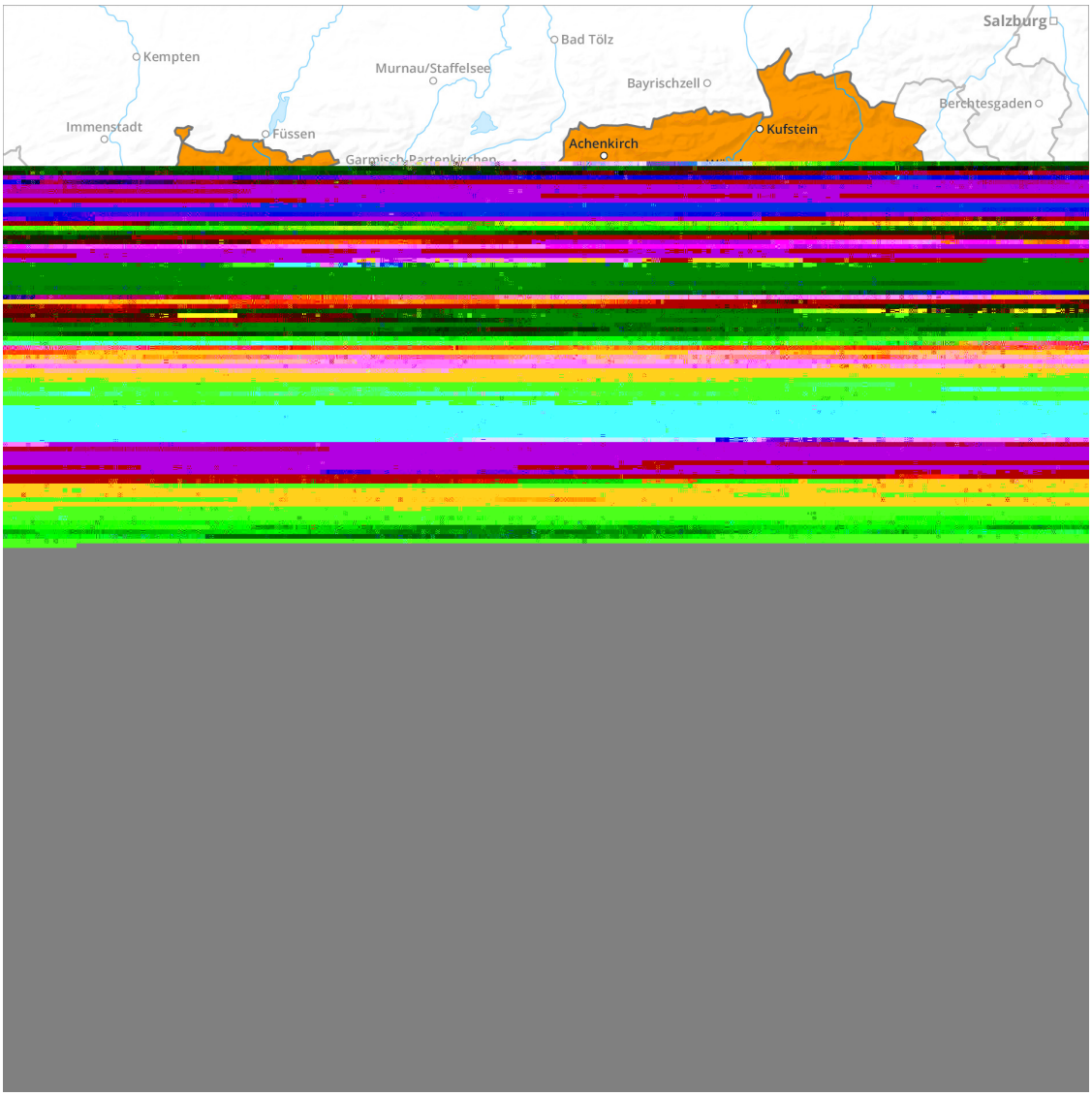
# Saturday 05.02.2022

Published 04 02 2022, 17:00




| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| low | moderate | considerable | high | very high |

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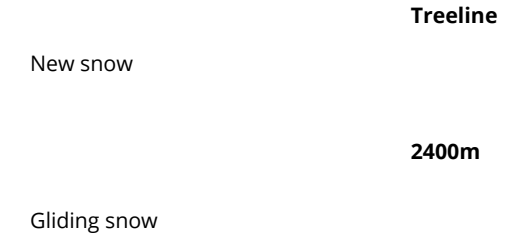
## Danger Level 3 - Considerable

**Tendency: Decreasing avalanche danger**
on Sunday 06 02 2022




### 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

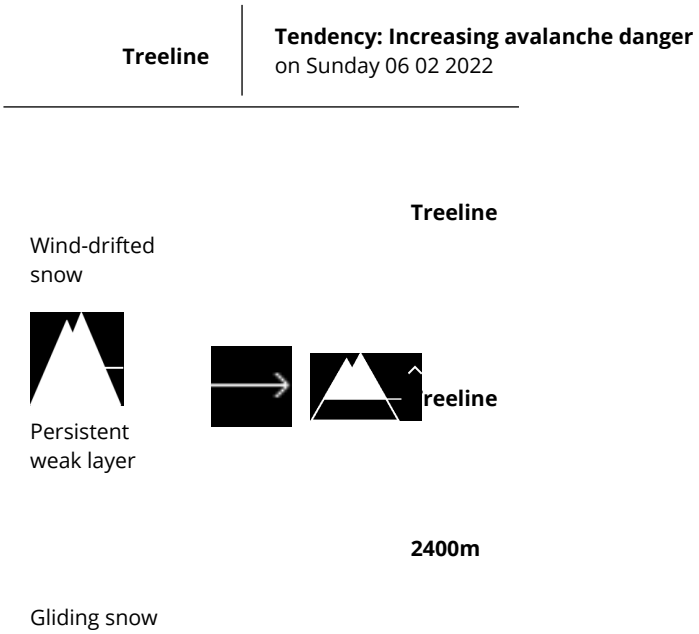
**Danger patterns** dp.6: cold, loose snow and wind | dp.2: gliding snow

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. Whumpfing 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 1 - Low

**Tendency: Constant avalanche danger**
on Sunday 06 02 2022

**Treeline**

Wind-drifted snow

### Wind slabs require caution.

Fresh and somewhat older wind slabs can be released in isolated cases at high altitudes and in high Alpine regions. The avalanche prone locations are to be found in particular on very steep shady slopes and adjacent to ridgelines and in gullies and bowls. Mostly avalanches are small. They are to be avoided especially in very steep terrain.
In steep terrain there is a danger of falling on the hard snow surface.

### Snowpack

**Danger patterns** dp.6: cold, loose snow and wind

The fresh and somewhat older wind slabs are lying on soft layers in particular on steep shady slopes. The old snowpack will be generally stable. At elevated altitudes snow depths vary greatly, depending on the infuence of the wind. Only a small amount of snow is lying for the time of year.

### Tendency

Low avalanche danger will prevail. Slight increase in avalanche danger as a consequence of new snow and wind, in particular in the north.