



**DANGER PATTERNS (DP):** [dp.8 - surface hoar blanketed with snow](#) [dp.6 - loose snow and wind](#) [dp.2 - gliding snow](#)

### Considerable danger regionally due to covered surface hoar

#### AVALANCHE DANGER

In the regions where snowfall has been heaviest, and where the surface hoar has now been blanketed, relatively unfavourable conditions currently prevail. This applies especially to the Kitzbühel Alps and the borders to Bavaria. Considerable danger prevails there. In very steep terrain slab avalanches can be triggered even by minimum additional loading, including in forest clearances. Elsewhere in Tirol, conditions are better. The hazards above 2200 m are moderate, below 2200 m low. Avalanche danger stems from freshly wind-loaded, very steep slopes at high altitude and from gliding avalanches on steep, grassy slopes. Gliding avalanches are highly unpredictable. We advise avoiding all spots below glide cracks in the snowpack surface.

#### SNOW LAYERING

The main problem currently is the surface hoar which has now been blanketed by fresh snow, providing the perfect sliding surface for slab avalanches to release. Increasingly frequently these are found in the Lower Inn Valley and on the borders to Bavaria. A small avalanche yesterday, which caused no damage, showcased the heightened proneness to triggering. The next important weak layer is the powder snow which now has snowdrifts on top of it. Particularly at high altitudes, the bonding is inadequate; it will improve over the next few days. More deeply embedded layers are not trigger-sensitive, e.g. on sunny very steep slopes above about 2800 m and shady, glaciated terrain.

#### ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

An intermediate high is bringing us very sunny, cloudless skies with outstanding visibility today. The temperatures are rising, the zero-degree level will reach nearly 2000 m. The winds have tapered off since yesterday. Temperature at 2000m, -2 to +1 degree; at 3000 m, -6 to -3 degrees. Light NW winds, somewhat stronger in eastern regions.

#### SHORT TERM DEVELOPMENT

Situation slowly stabilising

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