



DANGER PATTERNS (DP): [dp.2 - gliding snow](#) [dp.6 - loose snow and wind](#) [dp.4 - cold following warm / warm following cold](#)

**Favourable conditions. Gliding snow is the main problem. Snowdrifts require caution.**

### AVALANCHE DANGER

Favourable conditions prevail widespread in Tirol, avalanche danger is generally low, above 2200 m still moderate in some places. As winds intensify today, danger above the treeline will increase to moderate in general. The main danger initially is gliding snow on steep, grassy slopes, often "announced" by glide cracks in the surface. Thus, we advise avoiding all zones where such cracks are visible. Along the Main Alpine Ridge in particular, as well as in the Lower Inn Valley, winds have already reached transport strength, increased caution towards snowdrifts is necessary. They are being deposited atop surface hoar in some places, thus, easily triggered. With experience, these danger zones can be easily recognized and circumvented. As wind intensify, snowdrifts will spread, this evening at latest. In central East Tirol and southern East Tirol, the old snow problem also requires caution, although triggerings due to this problem will be rare. Avalanche triggerings are most likely above 2200 m on shallow-snow slopes, especially in very steep, shady terrain, by large additional loading.

### SNOW LAYERING

The snowpack is currently stable widespread, potential weak layers are unlikely to trigger. What is most important is the faceted-crystal, loose snowpack surface on shady slopes. Surface hoar is also increasingly evident (in some places reinforced by the Nigg Effect on shady ridgeline slopes). The surface hoar is most pronounced in fog-impacted East Tirol. As soon as this snowpack surface is blanketed by snowdrifts, it will have a higher proneness to triggering.

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

On Monday, lots of sunshine in the mountains, accompanied by fog on the northern flank of the Alps up to 1200 m. In the Lechtal Alps and Arlberg region, high altitude cloud cover will move in this afternoon from the west, mostly above summit level. Temperature at 2000 m: -5 degrees; at 3000 m: -12 degrees. Light to moderate NW winds, this evening strong westerly winds will arise in the Northern Alps.

### SHORT TERM DEVELOPMENT

Danger is rising: snowfall and stormy winds! Caution: highly trigger-sensitive snowdrift accumulations will form!

Patrick Nairz

Translated by Jeffrey McCabe