



DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.2 - gliding snow](#) [dp.1 - deep persistent weak layer](#)

## Snowdrifts and gliding snow are the main dangers

### AVALANCHE DANGER

Avalanche danger is still dependent on altitude. Above 2500 m danger is considerable, below that altitude mostly moderate. The main hazard stems from recently formed snowdrifts at high altitude. Avalanche prone locations are found in wind-protected, very steep terrain, esp. near ridgelines and in gullies and bowls. With ascending altitude, the proneness to triggering and the spread of these danger zones tend to increase. In regions where snowfall has been heaviest, the danger of gliding avalanches on steep, grassy slopes persists. In the regions of central and southern East Tirol, furthermore, the old snow problem requires caution on sunny slopes at 2300 to 2800 m in particular. There, the snowpack can trigger, especially in transition zones from shallow to deep snow by large additional loading.

### SNOW LAYERING

What stands out is the poor snow quality. This has resulted from the recent rainfall up to 2000 m and from heavy wind impact. Winds have recently intensified, is again transporting the bit of fresh snow from the last 24 hours (in southern East Tirol there was 20 cm). Potential weak layers for slab avalanches are found in the form of blanketed powder, sometimes mixed with graupel, near the uppermost surface. In central East Tirol and southern East Tirol there are layers of faceted snow crystals interspersed between crusts at 2300 to 2800 m, these are most easily triggered.

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

Visibility in the Northern Alps and Hohe Tauern is reduced due to cloud, fog and light snow showers. Some tidbits of sunshine are possible through the fog, most in the Carnic Alps and the mountains of South Tirol in general, beyond the Main Ridge. Windy and wintery cold. Temperature at 2000 m: -7 degrees; at 3000 m: -15 degrees. Strong to storm-strength W/NW winds.

### SHORT TERM DEVELOPMENT

Lots of fresh snow and gale-strength winds will increase avalanche danger significantly over the next few days.

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