



DANGER PATTERNS (DP): [dp.6 - cold, loose, new fallen snow and wind](#); [dp.2 - sliding snow](#)

Above 2000m considerable danger regionally

AVALANCHE DANGER

Avalanche hazards in Tirol's backcountry touring regions have increased somewhat: above approximately 2000m the danger level is now considerable. The major peril stems from older and fresh snowdrift accumulations which can generally be released as avalanches even by minimum additional loading, i.e. even the weight of one sole skier. Avalanche prone locations are found on wind loaded slopes in all aspects, their frequency and size tending to increase with ascending altitude. Caution: the danger zones are frequently covered by fresh fallen snow, making them difficult to recognize. Below about 2000m, full depth snowslides can still trigger naturally, particularly in the regions along the Main Alpine Ridge and in East Tirol where snowfall has been heaviest.

SNOW LAYERING

Over the last 24 hours there has again been snowfall throughout Tirol. Along the Main Alpine Ridge and in East Tirol there was 20-30 cm widespread; further north there was 10-20 cm. The snowfall level dropped towards 1000m. The snowfall was accompanied by moderate southwesterly winds which brought about new snowdrift accumulations in high alpine regions in particular. Older and freshly drifted masses were often deposited on top of loosely packed new fallen snow, making the bonding poor, the proneness to triggering high. Inside the old snowpack are weak layers of faceted, loosely packed crystals; however, triggering them is likely only in transition areas from deep to shallow snow.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: The cold front will withdraw today. Tomorrow, Tuesday, an intermediate high will make itself felt in a southwesterly jetstream and brief spell of foehn conditions in North Tirol. On Wednesday the next cold front will move in from the west. Mountain weather today: a wintery launch to the new week. Fog and snowfall to start with; visibility will improve west of Innsbruck as far as the Silvretta this afternoon as well as along the Northern Alps. Most of all, from the Zillertal Alps to the East Tirolean peaks, snowfall will persist, but taper off during the course of the day. Only small amounts of new fallen snow are anticipated (less than 10 cm). Temperature at 2000m: -3 degrees; at 3000m: -9 degrees. Light southerly winds.

SHORT TERM DEVELOPMENT

Above 2000m, considerable avalanche danger from region to region

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