



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

Mostly moderate, regionally considerable, avalanche danger

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is predominantly moderate, however still considerable from region to region. The main danger stems from freshly-generated and older snowdrift accumulations. The drifts are poorly bonded with the snow base beneath them and thus, triggerable even by minimum additional loading in places. They occur on steep slopes and in ridgeline terrain above 2200 m, especially in western-to-northern-to-eastern aspects. The peril of naturally triggered gliding avalanches has receded somewhat due to the low temperatures, but still requires special caution on steep, grassy slopes below 2400 m.

SNOW LAYERING

Snow showers during the night in North Tirol were minor. Moderate to brisk northerly winds transported the fresh snow. The accumulated drifts as well as older drifts are often deposited on top of loosely-packed fresh snow, the bonding is poor, the proneness to triggering high. In addition, in the uppermost layers of the snowpack are often layers of expansively metamorphosed snow crystals, loose and faceted, beneath thin crusts. These are weak layers and potential bed surfaces for fracturing avalanches.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. The high pressure zone is gaining in impact from the west, drying the air in Tirol by tomorrow. At the beginning of next week, a westerly air current will bring variable conditions, but it will no longer be as cold. Mountain weather today. Wintery cold weather for backcountry tours, fog initially, as well as snow showers in the inneralpine regions of the west and on the glaciers, clouds then dispersing and skies turning increasingly sunny. Along the Northern Alps and on the Main Alpine Ridge west of the Brenner, still some snow showers this afternoon, but more chances of some sunshine there as well. In the Dolomites and East Tirolean mountains apart from the Tauern, sunny from the start. At 2000 m: -9 to -6 degrees; at 3000 m: -14 degrees. Mostly moderate northerly winds, stronger in the Hohe Tauern.

SHORT TERM DEVELOPMENT

No significant change in the avalanche situation.

Rudi Mair

Translated by Jeffrey McCabe