



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

Snowfall and wind: considerable danger widespread

AVALANCHE DANGER

Fresh fallen snow and winds, heightened avalanche risk in Tirol's backcountry touring regions, the danger is now considerable widespread above 2000m. The major peril lies in the freshly formed and older trigger-sensitive snowdrift accumulations. Avalanche prone locations are found on steep slopes, in ridgeline terrain and in drifted gullies and bowls above 2000m. In isolated cases avalanches can fracture down into the old snowpack and then grow to medium size. As temperatures recede, the danger of wet-snow avalanches has diminished. In steep avalanche paths, caution is urged towards naturally triggering superficial loosely-packed avalanches.

SNOW LAYERING

Over the last 24 hours there has been more new fallen snow registered: 20-30 cm in the Silvretta, Arlberg/Ausserfern region, Northern Alps and Kitzbühel Alps, 50 cm from place to place. In the inneralpine regions there was generally 15-20 cm registered; in the remaining regions of North Tirol and on the East Tirolean Tauern Ridge, less. The snowfall level is dropping to valley levels and was accompanied by brisk to strong westerly-to-northwesterly winds, thus transporting the snow and depositing new drifts which blanket the fresh fallen snow and are, thus, quite prone to triggering. Particularly in the inneralpine touring regions and along the Main Alpine Ridge, the frequently weak snowpack structure requires careful heed, particularly on shady slopes at 2400-3000m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: on the wings of a NW to N air current, cold and moist air masses are being brought to the Alps from northern Europe. At the same time, a low is forming over Italy which is reinforcing the northern barrier-cloud effect. Thus, wintery conditions on the northern, north-foehn conditions on the southern side of the Alps. Mountain weather today: wintery. In the mountains of North Tirol and the East Tirolean Tauern Ridge, lots of cloud shrouding the peaks, poor visibility, intermittent snowfall, most in the Northern Alps, Zillertal Alps and Tauern. Only partially cloudy skies in the Dolomites and Carnic Alps, hardly any precipitation. At 2000m: -9 degrees; at 3000m: -16 degrees. Brisk, intermittently strong N to NW winds.

SHORT TERM DEVELOPMENT

Unfavourable conditions, considerable danger widespread

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