



DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.2 - gliding snow](#)

## High avalanche danger regionally along Main Alpine Ridge

### AVALANCHE DANGER

Heavy snowfall, combined with storm-strength winds, have spiked avalanche danger levels. Along the Main Alpine Ridge the danger level is HIGH from region to region; in the other parts of Tirol it is CONSIDERABLE over widespread areas. The main hazard stems from fresh, but also from somewhat older, snowdrift accumulations. They are inadequately bonded with the snow base beneath them, and can be triggered by minimum additional loading. In addition, loose-snow and slab avalanches can be expected to trigger naturally, in isolated cases these releases can even place exposed transportation routes at risk. Below 2400 m, gliding and wet-snow avalanches are a hazard, they can trigger by themselves. As temperatures drop, the danger of wet-snow avalanches will gradually diminish.

### SNOW LAYERING

Over the last 24 hours along the Ötztal, Stubai and Zillertal sectors of the main ridge there has been 50 to 75 cm of snowfall; on the Tauern Ridge and in East Tirol there was 30 to 50 cm of new fallen snow. Further north there was mostly 10 to 20 cm; in the Lower Inn Valley, less. The snowfall level descended from well over 2000 m to 1500-1000 m. The snowfall was accompanied by stormy winds from the south, thus generating wide ranging snow transport. Freshly formed as well as older snowdrift accumulations were frequently deposited on top of a snowpack consisting of faceted snow crystals, thus, a loosely-packed surface. That makes the proneness to triggering very high.

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

Weather: in the wake a cold front, a moist-cold batch of arctic air is flowing into Tirol. Mountain weather today: clouds and fog will dominate, visibility is correspondingly limited. Intermittent light to moderate snowfall. A few bright intervals are anticipated on the rim of the Alps and all around the Inn Valley. In southern regions the precipitation has slackened off measurably, but intermittent light snowfall will continue throughout the day. The snowfall level will descend to nearly 1300 m. Temperature at 2000 m: -8 degrees; at 3000 m, -9 degrees. Moderate to strong S/SW winds at high altitude.

### SHORT TERM DEVELOPMENT

Avalanche danger will recede only very slowly

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