



DANGER PATTERNS (DP): [dp.6 - cold, loose, new fallen snow and wind](#); [dp.7 - snow-poor zones in snow-rich surrounding](#)

Foehn winds end favourable avalanche situation, beware fresh snowdrift

AVALANCHE DANGER

The favourable avalanche situation in Tirol's backcountry touring regions has come to an end. During the morning the hazards remain generally moderate, but will increase over the course of the day to considerable, in foehn-exposed regions in particular. The major peril lies in freshly formed and older snowdrift accumulations. Avalanche prone locations are found on wind loaded slopes above approximately 1800m which face west to north to east. Caution is required in assessing drifted gullies and bowls. Please note: frequency and size of danger zones will increase during the course of the day.

SNOW LAYERING

Although the snow depths are below average in all backcountry regions of Tirol, at high altitudes there is still sufficient snow to be transported. The strong to stormy southerly foehn wind is transporting old snow to an increasing degree. The drifted snow masses continually being formed anew are relatively small sized, but are deposited by and large on top of loosely packed, faceted snow crystals and thus, can be relatively easily triggered.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

With its source in a storm low over the North Atlantic, the Alps lie in the path of an extremely powerful southwesterly current in which a cold front is embedded which will reach Tirol during the course of the day tomorrow. By Thursday it will release a secondary low pressure development over Northern Italy which will bring intensive precipitation to East Tirol and Carinthia, with cloudbanks clinging to the northern alpine barrier. Mountain weather today: winds turning stormy in the mountains, high altitude cloudbanks moving through, a cloud barrier forming on the Main Alpine Ridge, peaks becoming shrouded in fog and light snowflakes falling out of it. The Northern Alps will remain cloud-free. Temperature at 2000m: + 6 degrees, at 3000m, 0 degrees. Strong to storm-strength southwesterly winds.

SHORT TERM DEVELOPMENT

As storm-strength foehn wind persists and precipitation sets in, danger will increase.

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Translated by Jeffrey McCabe