



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

## Considerable danger widespread above 1800m

### AVALANCHE DANGER

The avalanche situation in Tirol is considerable widespread above approximately 1800m. The major peril stems from older and freshly formed snowdrift accumulations. An avalanche can be triggered even by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found on wind loaded slopes in all aspects, most often on west to north to east facing slopes. Frequency and spread of danger zones tend to increase with ascending altitude. Particularly in East Tirol where snowfall has been heaviest, isolated naturally triggered full depth snowslides are possible below 1800m.

### SNOW LAYERING

Over the last 24 hours there has been a minor amount of additional snowfall from region to region. High altitude southwesterly winds were blowing at strong to storm-force velocity, leading to new snowdrift masses accumulating. The freshly drifted snow was generally deposited atop loosely packed new fallen snow, making it prone to triggering. This snowpack is currently much affected by wind: windblown or hard compacted zones often lie immediately adjacent to deeply drifted gullies or bowls. Inside the old snow cover are layers of loosely packed, faceted snow crystals between hardened crusts, i.e. possible bed surfaces for avalanches which could attain medium size.

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

Weather in general: An intermediate high pressure zone will make itself felt today, the airstream shifting to southwesterly by tomorrow, creating foehn conditions in North Tirol. Between Friday and Saturday, a cold front will move in, subsequently dotted with weak disturbances until Tuesday, interspersed with phases of foehn wind in North Tirol. Moist air masses will collect on the southern flank of the Alps, the barrier conditions are not expected to bring precipitation. Mountain weather today: improved conditions, sunshine from the west, less wind. From the Zillertal Alps to the East Tirolean peaks, residual cloud will persist until midday, turning sunny this afternoon. Temperatures noticeably rising as of this afternoon: at 2000m -2 degrees; at 3000m -10 degrees. Moderate westerly to southwesterly winds, stronger in the Tux Alps.

### SHORT TERM DEVELOPMENT

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