



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

Danger mostly moderate, considerable along Main Alpine Ridge and in East Tirol above 2200m

AVALANCHE DANGER

The avalanche danger in Tirol's backcountry touring regions is mostly moderate. In the regions along the Main Alpine Ridge and in East Tirol where snowfall has been heaviest, mostly considerable above 2200m. The major peril stems from fresh, small-sized snowdrift accumulations formed by yesterday's southwesterly wind. They can to some extent be triggered even by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found most of all in ridgeline terrain and drifted gullies and bowls in all aspects. Since the danger zones are often blanketed by new fallen snow, they are hard to spot in outlying terrain. Below about 2000m, full depth snowslides are still a threat.

SNOW LAYERING

The foehn intensified over the course of the day yesterday, especially in high alpine ridgeline terrain, leading to new, relatively small-sized snowdrift accumulations forming. Wherever this drift was deposited atop loosely packed fresh fallen snow, it is quite prone to triggering. Older snowdrift accumulations have now bonded well with the existing snowpack. Through solar radiation and the daytime warming cycle, steep, sunny slopes have been moistened up to intermediate altitudes.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: A cold front is traversing Tirol today, particularly affecting the central and southern Alps. Thursday, an intermediate high will make itself felt. Friday, the next cold front will arrive, temperatures will drop more significantly. Mountain weather today: Foehn will end, bright spots disappear, snowfall expected, heaviest in central and southern Alps. In East Tirol and to some extent on the Main Alpine Ridge, 40 cm of new fallen snow is anticipated by Thursday morning. Temperature at 2000m: -3 degrees; at 3000m: -8 degrees. Strong southwesterly to westerly winds, swiftly slackening off during the day.

SHORT TERM DEVELOPMENT

Avalanche danger will incrementally decrease.

Rudi Mair

Translated by Jeffrey McCabe