



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

Considerable avalanche danger widespread above 1800m

AVALANCHE DANGER

The avalanche danger in Tirol's backcountry touring regions is considerable over widespread areas above approximately 1800m. Avalanche prone locations are found in wind loaded terrain in all aspects, frequently on west to north to east facing slopes. In particular the freshly formed snowdrift accumulations are highly prone to triggering and can be released even by minimal additional loading. Caution is also urged towards transitions from deep to shallow snow. Skiing and freeriding tours in outlying terrain require experience in assessing avalanche hazards. Especially in the regions of East Tirol where snowfall was heaviest, full depth snowslides can still trigger naturally, particularly on steep, grass-covered slopes below about 1600m.

SNOW LAYERING

Over the last 24 hours there has been only a few additional cm of snowfall in East Tirol, amidst southerly winds which were strong enough to transport the new fallen snow above the treeline. The massive drifts from the most recent period of precipitation have now settled and consolidated. The snowpack surface is increasingly marked by wind: windblown or hard compacted surfaces often lie immediately adjacent to deeply drifted gullies or bowls. Most easily triggered is the snowpack wherever fresh snowfall has been deposited atop new fallen snow.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: Wedged between a powerful Atlantic low pressure zone and a high over Russia, the Alps remain caught in a southerly airstream which continues to accumulate moist air masses on the southern flank of the Alps and create foehn-wind effects in the north. Mountain weather today: In the northern Central Alps and the Northern Alps, high altitude cloud will disperse amidst intermittent foehn wind and visibility improve somewhat (diffuse to good). Frequent fogbanks on the Main Alpine Ridge and in the Southern Alps, accompanied by light snowfall, somewhat heavier in the Carnic Alps (5-15cm by tomorrow morning from north to south). Temperature at 2000m: -1 degree; at 3000m -8 degrees. Moderate to strong southerly winds.

SHORT TERM DEVELOPMENT

A bit of snowfall plus strong southerly winds creating considerable danger widespread.

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Translated by Jeffrey McCabe