



DANGER PATTERNS (DP): [dp.6 - cold, loose, new fallen snow and wind](#); [dp.4 - cold following warm / warm following cold](#); [dp.2 - sliding snow](#)

Snowfall and wind bring about precarious situation

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is considerable widespread (uppermost reaches of level 3). The major peril stems from older and fresh snowdrift accumulations which can be triggered even by minimal additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found on steep slopes in all aspects, particularly above 1800m. It is still possible for medium, in isolated cases large-sized full depth snowslides to trigger naturally. Skiing and freeriding tours in outlying terrain require experience in evaluating avalanche hazards. The inexperienced are urgently advised not to leave secured ski runs.

SNOW LAYERING

Over the last 24 hours there has been an additional 20 cm of snowfall in the southern Ötztal and Stubai Alps. The high altitude southerly winds generally exceeded transport strength above the treeline. The massive amounts of new fallen snow in East Tirol and along the southern Ötztal and Stubai Alps have now settled noticeably and stabilized somewhat. The bonding to the old snowpack is adequate for the most part. Potential bed surfaces are found in the near-to-surface powder snow at high altitudes which has been blanketed by new snowdrift; or the faceted snow crystals atop a melt-freeze crust on very steep, sunny slopes. Below about 2000 m the snowpack is at least superficially moistened in many regions.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: The Alps remain caught in a southerly airstream, with one part of the low pressure front spooning moist air masses to the southern flank of the Alps, resulting in more favourable foehn-wind conditions on the northern flank. Mountain weather today: due to foehn-induced bright spells, visibility in the Northern Limestone and Northern Central Alps will be better than on the Main Alpine Ridge or in the Southern Alps. In the south, light snowfall; from the Ortler over the southern Dolomites to the Carnic Alps, moderate snowfall (15 cm, on Main Ridge generally 5 cm). Temperature at 2000m: 0 degrees; at 3000m -5 degrees. Strong southerly winds.

SHORT TERM DEVELOPMENT

Considerable avalanche danger continues

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