



DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.8 - surface hoar blanketed with snow](#) [dp.2 - gliding snow](#)

Danger zones multiplying due to storm winds! Considerable danger widespread above treeline

AVALANCHE DANGER

Strong winds which are expected to become stronger still, bringing about immense snow transport, are the moving force behind avalanche danger in Tirol. The danger above the treeline is considerable widespread, below that altitude moderate, sometimes low. The hazards for skiers and freeriders lie in the recently formed snowdrift accumulations. Yesterday skiers triggered numerous avalanches, some even released naturally, demonstrating a high proneness to triggering. This applies especially to shady slopes and terrain adjacent to ridgelines. Caution: avalanches in wind-exposed terrain can release even when the snowpack surface is hard, i.e. a hard slab of snowdrift. In sunny, very steep terrain, slab avalanches are possible in the old snow at altitudes of 2000-2300 m and above 2800 m, although unlikely. Large additional loading is required for a release. In addition to the snowdrift problem, the gliding avalanche problem persists on steep, grass-covered slopes in the regions where snowfall has been heaviest.

SNOW LAYERING

Snow plumes on the peaks showcase the wide ranging snow transport. The snowdrifts are deposited on shady, until now wind-tranquil zones, often on top of loosely-packed, faceted-crystal snow. The bonding of these layers is inadequate, the proneness to triggering high. The blanketed surface hoar is still a threat, particularly in the Kitzbühel Alps and the ranges along the Bavarian border. Further weak layers in the snowpack are found on sunny slopes at 2000-2300 m and above 2800 m beneath the surface crusts. These can be triggered by large additional loading.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Markedly rising temperatures over the course of the day at high altitudes, but wind velocities are increasing just as markedly. At highest altitudes the winds are westerly, further down they are southerly and blowing at storm strength. This morning it will still be sunny in eastern regions, elsewhere it is overcast with many peaks hidden in the fog. Snowfall will set in from the west starting in late afternoon. Temperature at 2000 m: rising from -10 to -5 degrees; at 3000 m: rising from -13 to -6 degrees. Stormy southerly to westerly winds at high altitudes.

SHORT TERM DEVELOPMENT

Gale strength winds in the mountains will transport the snow massively. Creepy!

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Translated by Jeffrey McCabe