



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

### Considerable danger where snowfall was heaviest

#### AVALANCHE DANGER

Avalanche danger depends directly on the latest snowfall and, at higher altitudes, on wind impact. In eastern regions of Tirol and in northern East Tirol there was up to 40 cm of fresh snow registered. In those regions, considerable danger prevails widespread. In the other regions, danger is mostly moderate. Below the treeline, also low. Above all else it is the freshly wind-loaded steep slopes which are currently the biggest risk. The frequency of avalanche prone locations tends to increase with ascending altitude. Particular caution is urged wherever the snowfall was deposited on top of surface hoar, mostly in northern regions of Tirol and in the Lower Inn Valley. Slab avalanches can be triggered there even by the weight of one single skier or freerider. Elsewhere, particularly where snowfall was heavy, gliding avalanches continue to be a threat on steep, grass-covered slopes. Avoid all zones below gliding cracks in the snowpack surface!

#### SNOW LAYERING

Over the last 24 hours there has been snowfall in Tirol, most of it in the Northern Alps, Kitzbühel Alps and Silvretta (20-40 cm). In the other regions there was mostly 10-20 cm; in southern East Tirol only a few centimeters. The snowfall was accompanied by strong, sometimes storm-strength winds which led to snow transport above the treeline. Caution: particularly on the northern border areas of Tirol and in the Lower Inn Valley, the surface hoar was blanketed by this snowfall. It is a perfect weak layer for slab avalanches. An additional weak layer is found on shady slopes and in general at high altitudes: the snowpack surface consisted of faceted and/or furry snow crystals.

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

Two faces of the weather, which is still quite windy. In the eastern mountain massifs around the Kaiser and the Kitzbühel Alps, the snowfall is tapering off this morning. Further west it is already dry and bright intervals, even sunshine, will increase. This afternoon, bright spells also in the Lower Inn Valley. In the Dolomites and Carnic Alps it is dry and quite sunny, thanks to northerly winds. Temperatures will rise: at 2000 m, -7 to -3 degrees; at 3000 m, -13 to -8 degrees. Brisk to strong northerly winds. In the Hohe Tauern, initially storm-strength winds, but slackening off during the day.

#### SHORT TERM DEVELOPMENT

The snowdrift problem will persist.

Patrick Nairz

Translated by Jeffrey McCabe