



**DANGER PATTERNS (DP):** [dp.6 - cold, loose, new fallen snow and wind](#); [dp.8 - surface hoar blanketed with snow](#); [dp.2 - sliding snow](#)

## Considerable avalanche danger regionally, beware fresh snowdrift!

### AVALANCHE DANGER

Avalanche danger in Tirol is generally moderate. Along the Main Alpine Ridge and in East Tirol, danger is considerable from place to place. The major peril stems from freshly formed and older snowdrift accumulations. Wherever they have been deposited atop loosely-packed new fallen snow or surface hoar, they can be triggered by even minimum additional loading. Avalanche prone locations are found in areas adjacent to ridgelines and drifted gullies and bowls above approximately 2000m, particularly in W to N to E facing terrain. Frequency and spread of danger zones tend to increase with ascending altitude. Particularly in East Tirol beneath about 2200m, naturally triggered gliding avalanches still require great caution.

### SNOW LAYERING

Over the last 24 hours there has been only minor, intermittent snowfall. High altitude southerly winds intensified during the night, leading to new snowdrift accumulating in high altitude ridgeline areas more than anywhere else; it was often deposited atop loosely-packed new fallen snow, making it rather prone to triggering. Over the last few weeks, surface hoar has formed in shady terrain above the treeline near ridgelines in particular; wherever snowdrift lies on top of surface hoar, avalanches can be very easily triggered. The old snowpack has settled and consolidated well. Large, cohesive weak layers are lacking for the most part.

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

Weather: Following a brief foehn phase, a low pressure front originating over the British Isles is spreading over the Gulf of Genoa and will dominate alpine weather conditions until mid-week. Mountain weather today: The region between Kitzbühel Alps, Wilder Kaiser and eastern Tux Alps will get the biggest chunk of (foehn-induced) sunshine today. This afternoon, cloud will move in from the west, bringing minor light snowfall. In western and southern regions, visibility is poorer, south of the Main Alpine Ridge in particular the summits are shrouded in fog. Temperature at 2000m: -1 degree; at 3000m: -10 degrees. High altitude southerly winds at strong velocity this morning in foehn lanes in particular, slackening off this afternoon.

### SHORT TERM DEVELOPMENT

Predominantly moderate avalanche danger

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