



DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.2 - gliding snow](#)

Treacherous avalanche situation, considerable danger widespread

AVALANCHE DANGER

The avalanche situation in Tirol remains delicate, danger is considerable widespread. The main hazard remains the newly forming snowdrift accumulations. They can still trigger avalanches by minimum additional loading, i.e. the weight of one person. Avalanche prone locations are found on steep slopes in all aspects above about 1800 m. Below 2400 m on steep grassy slopes, isolated gliding avalanches can also trigger naturally. Inexperienced tourists are advised against all tours in backcountry terrain.

SNOW LAYERING

Over the last 24 hours there has been 5-10 cm of fresh fallen snow in North and East Tirol; 10-20 cm on the Zillertal Main Ridge, in the Kitzbühel Alps and in the East Tirolean Tauern Ridge. The high altitude westerly winds slackened off during the day, but remained above snow-transport velocity. Thus, snow masses were again lifted and redeposited atop loosely-packed fresh snow, making them prone to triggering. Older snowdrift accumulations, which in the interim lie more deeply embedded inside the snowpack, have created an old-snow problem above about 2000 m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: cold air masses have Central Europe in their grip and are moving in the direction of the Mediterranean. Northwesterly winds on the northern flank of the Alps will create a barrier cloud effect full of clouds and snow showers over the coming days. The southern flank of the Alps, in the lee of the Main Ridge, will have more favourable conditions. Mountain weather today: the peaks will recede into cloud from the NW, visibility will deteriorate, light snowfall is anticipated intermittently, intensifying in the latter part of the day, most of which will fall between Arlberg and Karwendel to the Kitzbühel Alps, only light showers in inneralpine regions with occasional bright spells. In East Tirol, distant from the Tauern, it will be sunny and remain dry. Temperature at 2000 m, -9 degrees; at 3000 m, -16 degrees. Moderate NW winds at high altitude.

SHORT TERM DEVELOPMENT

Treacherous avalanche situation persists, considerable danger

Rudi Mair

Translated by Jeffrey McCabe