



DANGER PATTERNS (DP): [dp.8 - surface hoar blanketed with snow](#); [dp.1 - deep persistent weak layer](#); [dp.2 - sliding snow](#)

Still considerable avalanche danger in East Tirol and Main Alpine Ridge

AVALANCHE DANGER

The current avalanche situation in Tirol is highly irregular: in East Tirol and along the Main Alpine Ridge where snow depths are greatest, the danger level is considerable widespread; in remaining North Tirol it is predominantly moderate; along the Northern Alps, frequently low. Avalanche prone locations are found on wind loaded slopes and in areas adjacent to ridgelines above approximately 2000m, especially on west to north to east facing slopes. Fresh and old snowdrift accumulations can be released as avalanches in some places even by minimum additional loading. Below about 2000m, as well as on steep, sun-drenched slopes, isolated naturally triggered loosely packed surface avalanches and full depth snowslides are a threat.

SNOW LAYERING

Snowfall and snowdrift from the latest bout of precipitation are gradually settling and consolidating in the mild temperatures. Unchanged is the necessity of caution, since the old snowpack is for the most part faceted, making it very loosely packed. In addition, surface hoar blanketed by drifted snow covers shady slopes up to approximately 2400m, making the drifts highly prone to triggering. Below about 2000m the snowpack will forfeit some of its stability over the course of the day due to solar radiation and daytime warming.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: A powerful low pressure front between Iceland and Scotland is delivering a mild, swiftly moving air current to Tirol. High altitude cloud will pass through North Tirol, but bring no precipitation. In the mountains light foehn winds will prevail and it will be extremely mild at intermediate altitudes. Mountain weather today: Light (this afternoon, moderate) foehn winds will be blowing at high altitude, it will turn very mild, the zero-degree level nearly at 3000m. Cloud will only rarely impede the sunshine. Temperature at 2000m: +6 degrees; at 3000m: +1 degree. Light to moderate southerly foehn winds.

SHORT TERM DEVELOPMENT

Continuing incremental decrease of avalanche danger

Rudi Mair

Translated by Jeffrey McCabe