



DANGER PATTERNS (DP): [dp.6 - cold, loose, new fallen snow and wind](#); [dp.2 - sliding snow](#); [dp.9 - graupel blanketed with snow](#)

Precarious avalanche situation, considerable danger widespread

AVALANCHE DANGER

The avalanche situation in Tirol's backcountry is treacherous, the danger level above 1800m is considerable widespread. Most of the new fallen and newly drifted snow are inadequately bonded and can be triggered even by minimum additional loading. In isolated cases superficial loosely packed sluffs and naturally triggered small and medium sized slab avalanches can be expected. Avalanche prone locations are found mainly on steep slopes and ridgeline areas in all aspects. Skiing and freeriding tours in outlying terrain require experience in assessing avalanche hazards. Below about 1800m isolated full depth snowslides can be naturally triggered, particularly in the regions of East Tirol and along the Main Alpine Ridge, where snowfall has recently been heaviest.

SNOW LAYERING

In the latter part of the night it began to snow in Tirol (snowfall level at 800m). This morning another 10-20cm of snow is expected. High altitude westerly winds will in ridgeline terrain be strong enough to transport the new fallen snow, again promising fresh snowdrift accumulations. Both new fallen and newly drifted snow have generally been deposited on top of a loosely packed old snow cover surface; the bonding is poor, the proneness to triggering relatively high.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: A low pressure front over the British Isles is sending a cold front to Austria, bringing rain, snow and colder air masses, most of all to the southern regions. Another low will reach us tomorrow, but in the interim there will be an additional round of storm-force foehn winds. Mountain weather today: peaks in fog, snowfall (heaviest in the Carnic Alps, Hohe Tauern, Zillertal Alps and Brenner peaks) will bring an additional 10-15 cm of fresh fallen snow, elsewhere just a few centimeters. Between the Lechtal Alps and the western sector of the Main Alpine Ridge visibility will improve this afternoon. Strong to stormy westerly winds will be blowing over knolls and ridges of the Northern Alps and across open terrain. Temperature at 2000m -7 degrees; at 3000m -15 degrees. Strong to storm-force westerly winds, towards the south at light to moderate strength.

SHORT TERM DEVELOPMENT

Gale-force foehn winds will cause considerable danger widespread.

Rudi Mair

Translated by Jeffrey McCabe