



DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.6 - loose snow and wind](#) [dp.9 - graupel blanketed with snow](#)

Considerable avalanche danger widespread

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is considerable over widespread areas. Above 2200 m, snowdrift accumulations are the main problem. They are poorly bonded with the snow base beneath them and can thus trigger even by minimum additional loading. Avalanche prone locations are found on steep slopes and in ridgeline terrain in all aspects. Below 2400 m the snowpack is thoroughly wet, thus forfeits much of its firmness. Naturally triggered wet-snow and gliding avalanches can be expected. Due to receding temperatures and reduced solar radiation, this process is being slowed down.

SNOW LAYERING

The strong to storm-strength SW winds yesterday transported great masses of snow. Last night along the Main Alpine Ridge there was a small amount of fresh snow registered. High altitude winds remain strong and gusty, will shift today to westerly-to-northwesterly. Thus, new snowdrift accumulations will be generated. Fresh and older drifts have often been deposited atop loosely-packed layers of snow, atop metamorphosed (faceted) crystals, and atop graupel. Thus, the proneness to triggering is high. The snowpack at low and intermediate altitudes is thoroughly wet in general. Due to nocturnal cloud cover, the outgoing longwave radiation was reduced during the night, so the snowpack could not regain its firmness.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: In the wake of a powerful southerly foehn front during the last two days, a low over Scandinavia is now pushing a cold front towards the Alps, bringing typically crazy April weather. By tomorrow, Friday, the high will regain the upper hand, the air will dry, springtime conditions recommence, temperatures rise. Mountain weather today. A cold front will bring variable and cooler conditions. Gusty winds will bring snow and graupel showers, interrupted by bright intervals. The snowfall level will fluctuate between 1500 and 1900 m. It is difficult to forecast how much fresh snow can be expected, but in any case it will not be much. Temperature at 2000 m: -1 degree; at 3000 m: -8 degrees. Brisk to strong SW/W winds, later shifting to NW.

SHORT TERM DEVELOPMENT

Daytime avalanche danger will again increase.

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Translated by Jeffrey McCabe