



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

## Swift daytime increase of avalanche danger

### AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is subject to a pronounced danger cycle during the daytime hours: in the early morning it is usually low, then rises rapidly during the morning to moderate and can reach danger level "considerable" from place to place. The main danger stems from wet-snow and gliding avalanches. Naturally triggered avalanches can be expected below 2600 m, particularly on east to south to west-facing slopes. Attention: due to the unusual snow depths this winter, avalanches which are triggered can grow to dangerously large size. Isolated danger zones for dry-snow avalanches are still found in high alpine, very steep shady terrain and near ridgelines.

### SNOW LAYERING

Skies were generally clear during the night, outgoing radiation was sufficient to consolidate the snowpack at least superficially. Springtime temperatures and intensive solar radiation will make the snowpack lose its firmness rapidly during the morning. Fresh snow and snowdrifts from last week have now settled and consolidated. Bonding to the snow cover has also improved.

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

Weather. At the forefront of a low over northern Africa, Tirol is caught in a foehn-heavy southerly air current bringing warm and increasingly moist air masses its way. Mountain weather today. Sunday will bring favourable conditions to the mountains. The foehn on the northern flank of the Alps will intensify, especially in gusts down through the foehn lanes. High altitude clouds will not disturb, but dust brought from the Sahara by the wind might create diffuse light conditions. In southern regions, fogbanks will prevail at intermediate altitudes. Convective cloud build-up is expected, scattered clouds will pass through above summit level. Temperature at 2000 m: 11 degrees; at 3000 m: -1 degree. Moderate to strong southerly winds, stronger this afternoon in the Tux Alps (storm-strength gusts).

### SHORT TERM DEVELOPMENT

Moderate avalanche danger widespread

Rudi Mair

Translated by Jeffrey McCabe