



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

## Daytime increase in avalanche danger

### AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is subject to a daytime cycle: in the early morning, danger is moderate, then increases to considerable by late morning. Avalanche prone locations for dry-snow slab avalanches are found primarily on steep shady slopes and in ridgeline terrain above 2200 m. In these places, freshly generated and older snowdrift accumulations can in isolated cases be triggered even by minimum additional loading. Caution urged below 2400 m, the snowpack swiftly loses its firmness. As of late morning, increasingly frequent naturally triggered wet-snow and gliding avalanches can be expected.

### SNOW LAYERING

There was a small amount of additional snowfall widespread in Tirol yesterday, including cells of graupel mixed into the fresh snow. The westerly, later northwesterly, high altitude winds were generally above snow-transport strength, thus, new snowdrift accumulations were generated at high altitudes. In accordance with this juncture of the season, they settled rapidly and the bonding to the snowpack atop which they were deposited increased rapidly. On shady slopes above 2200 m, however, they remain prone to triggering. At low and intermediate altitudes, the snowpack is thoroughly wet for the most part. Since nocturnal skies were heavily overcast, the outgoing radiation was impeded, the snowpack was not able to regain its firmness; it will forfeit it further during the course of the day today.

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

Weather. A high is creating today's weather in the Alps, over the weekend bringing a S/SW foehn wind and mild air masses to Tirol. Mountain weather today: much improved conditions. Residual cloud in the northern Limestone Alps will disperse during the morning, then there will be lots of sunshine accompanied by minor cirrus cloud. Far milder temperatures at all altitudes, the zero-degree level ascending to 3000 m. At 2000 m: +7 degrees; at 3000 m: 0 degrees. Light NW winds at high altitude.

### SHORT TERM DEVELOPMENT

Daytime danger cycle.

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