



**DANGER PATTERNS (DP):** [dp.4 - cold following warm / warm following cold](#) [dp.2 - gliding snow](#) [dp.6 - loose snow and wind](#)

## Frequently considerable avalanche danger above 2200 m

### AVALANCHE DANGER

Avalanche danger remains considerable above 2200 m in most regions of Tirol. Below that altitude, danger is moderate.. In western and the furthestmost northern regions, moderate danger now prevails. The highest degree of caution is urged at 2200-2600 m: slab avalanches can be triggered even by minimum additional loading in shady, very steep, untracked terrain. This is especially the case in transitions from shallow to deep snow. Also in sunny, very steep terrain at this altitude, greater care is required, particularly in East Tirol. Skiers have triggered avalanches there over the last few days by only minimum additional loading. The gliding avalanche threat remains upright on steep, grass-covered slopes, increasingly in the regions of Tirol where snowfall has been heavy, i.e. Arlberg, Ausserfern, parts of the Northern Alps and the Zillertal Alps. At high altitudes, winds can still transport the powder snow, thus, the drifts in ridgeline terrain also require a higher degree of caution.

### SNOW LAYERING

Snowpack analysis has shown a series of diverse developments. On shady slopes, the weak, faceted layers are bonding to the snowpack above them increasingly well. Whereas on sunny slopes, a faceted layer beneath the melt-freeze crust (formed in early December) is still quite prone to triggering. Often a melt-freeze crust actually ripples straight through the weak layer, thereby reducing the proneness to triggering. The altitude zone 2400-2600 m is currently the most critical. At higher altitudes, trigger sensitivity tends to lessen, due to greater snow masses.

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

Gloomy, foggy weather to start with today in most of the mountain ranges of North Tirol. Snow showers will lessen as the day unfolds. This afternoon between Tux Alps and Wilder Kaiser, some light showers still possible. From the western sector of the Main Alpine Ridge to the central and upper Inn Valley, the cloud cover will tend to disperse. A bit of sunshine and cold northerly winds will both be evident on the southern flank of the Alps. Temperature at 2000 m: -8 degrees; at 3000 m, -15 to -11 degrees. Light to moderate northerly winds.

### SHORT TERM DEVELOPMENT

Winds will intensify tomorrow, increasing snowdrifts.

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Translated by Jeffrey McCabe