



DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.2 - gliding snow](#) [dp.3 - rain](#)

Unfavourable conditions, mostly considerable avalanche danger

AVALANCHE DANGER

Unfavourable conditions prevail over widespread areas in Tirol. Avalanche danger below about 3000 m is considerable, above that altitude danger is moderate in the morning. In the afternoon, the danger can rise to considerable even in high alpine regions. Avalanche prone locations are found mostly above 2300 m. As humid and warm weather sets in, as forecast, numerous avalanches can then trigger naturally, just as they did yesterday. Gliding-snow avalanches are expected primarily at 2300 to 2600 m (on shady slopes also lower down). Slab avalanches are possible primarily at 2400 to 3000 m and on sunny slopes above 2500 m. Naturally triggered loose-snow avalanches are likely where there has been snowfall. However, the impulse and weight of a skier can also trigger avalanches wherever the snowpack is thoroughly wet. Increased naturally triggered avalanches are expected where warm/humid weather prevails (due to residual cloud), which will be the case especially in East Tirol.

SNOW LAYERING

Several unfavourable factors are currently having an impact on the snowpack: rain and warmth have made the snowpack thoroughly wet up to high alpine regions in North Tirol, even on shady slopes. Overcast skies last night did not permit the snowpack to cool off and regain its firmness. Residual cloud and solar radiation with rising daytime temperatures will lead to a kind of greenhouse effect. The loss of firmness and wetness of the snowpack will continue to further weaken the snow base.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Tuesday will again offer lots of sunshine. In the Northern Alps, still a few clouds in the early part of the day, isolated showers are also possible. Elsewhere, little tendency towards showers. Temperature at 2000 m: 4 to 10 degrees; at 3000 m: -1 to 3 degrees. Moderate westerly winds only in high alpine regions.

SHORT TERM DEVELOPMENT

A night of clear skies will improve the general situation. Classic springtime conditions, including a swift daytime rise in avalanche danger.

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Translated by Jeffrey McCabe