



**DANGER PATTERNS (DP):** [dp.2 - sliding snow](#); [dp.10 - springtime scenario](#); [dp.6 - cold, loose, new fallen snow and wind](#)

## Favourable conditions, slight daytime rise in avalanche danger

### AVALANCHE DANGER

Nearly perfect conditions prevail for backcountry touring. Avalanche danger level in North Tirol this morning is generally low; in East Tirol moderate, due to the hazards of gliding avalanches below about 2400m, but above that altitude it is low there as well. Over the course of the day, the danger below about 2500m will often rise to moderate. The major peril stems from gliding avalanches on steep, grassy slopes, especially in southern regions where snowfall was heaviest. Many gliding avalanches have been observed in recent days, usually "announced" by glide cracks in the snowpack surface, but otherwise utterly unpredictable. Areas below such glide cracks should be avoided whenever possible. Elsewhere, danger in high alpine, very steep, shady ridgeline areas: small-sized snowdrift patches from the last few days. They are easily recognized and can ordinarily be triggered only by large additional loading. The hazards will probably increase only slightly over the course of the day today, due to the extremely dry air. On very steep, sunny slopes, wet avalanches are expected, triggered both naturally and by skiers. The likelihood of gliding avalanches will also rise over the course of the day.

### SNOW LAYERING

A night of star-studded skies and very dry air led to good outgoing radiation and cooling of the snowpack. On very steep, sunny slopes at low and intermediate altitudes a melt-freeze crust was often formed which is capable of bearing loads but will soften as the day unfolds. If your timing is right, firm (corn) snow will be the reward, while in shady, wind-protected zones there is still powder. Weak layers inside the snowpack are found at the touchpoint between formerly loosely packed powder and freshly accumulated snowdrift. The snowpack will moisten increasingly over the course of the day.

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

Mountain weather today: very sunny weather, but not without wind; in exposed zones the easterly winds will be ever-present, increasing in strength the further east you go. Thin, high altitude ice clouds will pass through from the east. Outstanding visibility. Zero-degree level just under 3000m. Temperature at 2000m, 5 degrees; at 3000m, -2 degrees. Moderate northeasterly to easterly winds; in the Hohe Tauern brisk easterly to southeasterly winds.

### SHORT TERM DEVELOPMENT

Favourable conditions will continue, daytime cycle of avalanche danger

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