



DANGER PATTERNS (DP): [dp.10 - springtime scenario](#); [dp.2 - sliding snow](#); [dp.7 - snow-poor zones in snow-rich surrounding](#)

Favourable situation, slight daytime rise in avalanche danger

AVALANCHE DANGER

The avalanche danger is low this morning far and wide in Tirol; only in southern East Tirol is the danger level moderate below about 2500m, due to heightened peril of gliding avalanches on steep, grassy slopes. During the course of the day, the snowpack on steep, sunny slopes will become increasingly wet, the hazards then rise to moderate above approximately 2800 m. In extremely steep terrain, skiers can then trigger loose avalanches. The peril of gliding avalanches will also increase over the course of the day. Otherwise, very few avalanche prone locations, except in very steep, shady terrain at altitudes around 2400m in transition areas from shallow to deep snow.

SNOW LAYERING

Numerous snow profiles and analyses, including reports from backcountry skiers, confirm that the snowpack is stable, by and large. One potential weak layer for slab avalanches is found at altitudes of 2400m on shady, steep slopes, where a thin melt-freeze crust, i.e. cold-atop-warm, has formed faceted crystals over the last week. Elsewhere, in exposed terrain where the snow is shallow on shady slopes, isolated patches of depth hoar are evident, although releases are unlikely. The snow quality is highly varied: powder in steep, shady terrain above approximately 2000m; breakable crusts on sunny, moderately steep slopes; melt-freeze crusts capable of bearing loads up to intermediate altitudes in very steep, south facing terrain. Elsewhere there will be firm snow as of this morning. Winds slow down the moistening process.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: splendid mountain weather, mild temperatures, zero-degree level will rise to 3000m in the Northern Alps, to 2500m in the Dolomites. Southerly foehn winds are likely in the classic foehn valleys (Wipptal, Reschen, Oberes Gericht) more than at summit levels. Temperature at 2000m, +6 degrees; at 3000m, -1 degree. Light to moderate southerly winds.

SHORT TERM DEVELOPMENT

Classic springtime conditions, including daytime danger cycle

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