



**DANGER PATTERNS (DP):** [dp.1 - deep persistent weak layer](#); [dp.10 - springtime scenario](#); [dp.2 - sliding snow](#)

## Moderate danger above 1600m, frequently poor snow quality

### AVALANCHE DANGER

Avalanche danger remains contingent on altitude: above about 1600m the peril is generally moderate; below that altitude, low (due to lack of snow). The major hazards which currently threaten are wet, loose avalanches on extremely steep slopes which can be triggered by backcountry skiers and freeriders. In high alpine terrain, i.e. above 3000 m, solar radiation and daytime warming can trigger isolated loose snow avalanches naturally. Danger zones for slab avalanches are most likely in very steep, shady terrain around 2400 m where the snow is relatively shallow and moist down to the ground for the first time this winter. Gliding avalanches remain a threat especially in southern East Tirol on steep, grassy slopes; they can even attain large size.

### SNOW LAYERING

Skies last night were a mixture of clouds, rainfall (up to about 2500 m) and brief cloudless interims, leading to inadequate outgoing radiation of the thoroughly moist old snowpack. For that reason, the snowpack surface remains moist up to high altitudes, having formed a breakable crust at best. Bed surfaces for slab avalanches are rare, most likely in faceted-crystal layers near the ground. In areas where the snowpack is moist down to the ground for the first time this winter, this layer could trigger, i.e. especially on shady slopes around 2400 m, in isolated cases on west and east facing high alpine slopes.

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

Mountain weather today: quite sunny weather until past noon, particularly in North Tirol. Convective cloud build-up is expected during the day, bringing showers on the northern rim of the Alps, even scattered thunderstorms. Snowfall level at 2200-2500 m. Temperature at 2000 m; +4 degrees; at 3000 m, -2 degrees. Light winds from varying directions at all altitudes.

### SHORT TERM DEVELOPMENT

The situation will not change significantly. In general: the higher you go, the earlier you start, the better the conditions are.

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Translated by Jeffrey McCabe