



DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.2 - gliding snow](#)

## Fresh trigger-sensitive drifts - Old-snow problem above 1900m

### AVALANCHE DANGER

Avalanche danger above the treeline is considerable, below the treeline moderate, in southern East Tirol low (due to lack of snow). NE winds have once again transported snow masses, particularly at high altitude. The snowdrifts which formed are brittle, due to the low temperatures, and thus easy to trigger. Avalanche prone locations occur increasingly near ridgelines on E/S/W facing slopes. We advise circumventing the fresh drifts, easy to recognize by experienced backcountry skiers and freeriders. In addition, the potential old-snow problem still threatens on shady slopes above 1900m, above 2300m on west and east facing slopes, above 2600m on south-facing slopes. Slabs can be triggered by minimum additional loading, particularly in transition zones from shallow to deep snow. Especially in shady terrain, even remote triggerings are possible. Skiing and freeriding tours in outlying terrain above the treeline demand thorough knowledge of assessing avalanche dangers on-site.

### SNOW LAYERING

Inside the snowpack there are weak layers lurking: on the one hand, the loose, cold powder which is now blanketed over by snowdrifts; on the other, deeply embedded in the old snowpack are faceted-crystal layers wedged between thinner or thicker melt-freeze crusts and wind crusts. The old-snow problem begins as of 1900m on shady slopes, becomes more widespread with ascending altitude and higher up also includes the other aspects. In a thin altitude belt around 1900m, the surface hoar also is a weakened layer.

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

Weather in general: a high-pressure front is bringing cold, dry continental air masses to Tirol today. Until the weekend, this weather will persist. Temperatures will rise slightly. Mountain weather today: radiant sunshine, cloudless skies, slightly higher temperatures at all altitudes. Persistent cold easterly winds will be bothersome in some places. Temperature at 2000m: -11 degrees, at 3000m -13 degrees. Moderate to strong E/NE winds will make temperatures seem even lower.

### SHORT TERM DEVELOPMENT

Avalanche danger will not change significantly.

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Translated by Jeffrey McCabe