



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

Widespread moderate danger, beware fresh, high alpine ridgeline snowdrift

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is predominantly moderate, to some extent considerable along the Main Alpine Ridge. The major hazards stem from fresh snowdrift accumulations which are quite prone to triggering and can in some places be released even by minimum additional loading. Avalanche prone locations are found in high alpine ridgeline terrain more than anywhere else, particularly in W to N to E facing aspects. Over the course of the day the snowpack will lose some of its firmness due to solar radiation. Particularly on sunny slopes below about 2500m, naturally triggered superficial loose avalanches can be expected. In East Tirol where snowfall has been heaviest, gliding avalanches are still a threat.

SNOW LAYERING

High altitude easterly to northeasterly winds blew at moderate strength yesterday, but in high alpine ridgeline terrain were frequently above transport velocity, thus giving rise to fresh, generally small-sized snowdrift accumulations. Since these drifted masses were often deposited atop loosely packed new fallen snow, they are relatively easy to trigger. The old snowpack has consolidated well, it is stable, area-wide weak layers are lacking. As of late morning today, the snowpack will forfeit much of its firmness, due to daytime warming and solar radiation.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Tirol lies in the path of a powerful high pressure front centered over Russia, amidst extremely dry air masses. Over the next few days, this high will strengthen still further. Mountain weather today: Superb mountain weather conditions will prevail, maximum sunshine, good visibility, the zero-degree level just over 2000m. High altitude clouds will move into eastern regions this evening. Northeasterly winds will be brisk. Temperature at 2000m: +1 degree; at 3000m: -5 degrees. Light to moderate easterly to northeasterly winds this morning, becoming brisker this afternoon.

SHORT TERM DEVELOPMENT

Avalanche peril moderate, a daytime rise in danger level

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