



DANGER PATTERNS (DP): [dp.1](#) - deep persistent weak layer; [dp.7](#) - snow-poor zones in snow-rich surrounding; [dp.2](#) - sliding snow

Beware steep, shady slopes below 2400m, snowdrift near ridgelines

AVALANCHE DANGER

Moderate avalanche danger prevails; below about 1600m in northern regions where there is little snow, low danger. Caution is urged especially on steep, shady slopes below about 2400m, where slab avalanches can be triggered particularly by large additional loading where the snow is shallow, in isolated cases even by minimum additional loading. Elsewhere, recently accumulated snowdrift on very steep ridgeline slopes in all aspects at high and high-alpine altitudes requires caution; the drifted masses are mostly small, hard to recognize, and can often be triggered by minimum additional loading. Loose avalanches can be expected today wherever the sun shines. Gliding avalanches still threaten on steep, grass-covered slopes in East Tirol in particular; avoid areas below glide cracks.

SNOW LAYERING

There was rainfall between 2000 and 2200m yesterday, today it will rain up to about 1900m. The snowpack at these altitudes is moist or wet. Above that altitude, overall about 10 cm of snow fell, in isolated cases slightly more. Below about 2400m, there is a layer of faceted crystals near the ground which for a brief spell will be prone to triggering due to the increasingly wet snowpack. At high altitudes, avalanches in areas adjacent to ridgelines have been reported. On shady slopes, surface hoar (Nigg effect) plays a part in this; above about 3000m at the touchpoint between the former old snowpack surface and the recently fallen snow, faceted crystals have formed on sunny slopes in particular (danger pattern 4: cold atop warm / warm atop cold).

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: Poor visibility, light snowfall or sleet, snowfall level 1800-2100m. This afternoon, visibility will improve from place to place, but residual and north-barrier cloud will persist, accompanied by isolated showers. Temperature at 2000m, 0 degrees; at 3000m, -6 degrees. Light to moderate northwesterly winds.

SHORT TERM DEVELOPMENT

No significant change in the situation. As winds strengthen, increased caution urged towards ridgeline snowdrift.

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Translated by Jeffrey McCabe