



DANGER PATTERNS (DP): [dp.3 - rain](#); [dp.1 - deep persistent weak layer](#); [dp.2 - sliding snow](#)

Low morning danger widespread, then heightened below 2200m due to rainfall

AVALANCHE DANGER

During the morning the danger level is low over widespread areas. As a warm front approaches which will bring rainfall in some parts of North Tirol, together with higher temperatures (and solar radiation in East Tirol), the danger will then increase to moderate below 2200 m. There are currently few avalanche prone locations. Caution is required in very steep, shady terrain below 2200 m, where isolated small, slab avalanches can be released by large additional loading. Gliding avalanches, especially on the steep, grassy slopes where snow is deeper, require ongoing caution; glide cracks indicate imminent danger.

SNOW LAYERING

The relatively low temperatures have had a positive effect on the snowpack. Both on shady and sunny slopes up to at least 2500 m, a melt-freeze crust formed. At low and intermediate altitudes it is breakable, further up it is capable of bearing loads. Beneath the crust the snowpack is either moist or wet, only at high altitudes is it still dry (still some powder from Tuesday). Potential weak layers for slab avalanches are rare, possibly from the faceted layer near the ground.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

General weather: Tirol lies at the borderline between a high in the west and precipitation in the east, caught in a northwesterly jetstream. Today, disturbances will dominate, tomorrow conditions will be more pleasant, on the weekend April weather is expected, i.e. a greater tendency to showers. Mountain weather today: frequent sunshine in the Southern Alps. North of the Main Ridge, cloud and fog will prevail, intermittent rain or snowfall, to a greater extent in eastern than in western regions. The snowfall level will start at 1200 m and rise to 1800 m. Temperature at 2000 m, -3 to 0 degrees; at 3000 m, -8 degrees. Moderate to strong northwesterly to northerly winds.

SHORT TERM DEVELOPMENT

Springtime conditions, amidst slight daytime danger cycle

Patrick Nairz

Translated by Jeffrey McCabe