

Avalanche News

of the Avalanche Warning Service Tyrol

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Rainfall and rising temperatures will heighten natural avalanches for a short period

AVALANCHE DANGER

Heavy rainfall and a marked rise in temperature are expected to lead to heightened avalanche danger throughout Tirol. On steep, smooth, grassy slopes, snowslides of the new fallen snow from the weekend can be unleashed. These snow masses can endanger paths leading up to huts, forest routes, hiking trails and even high altitude pass roads. In high alpine regions, in addition, particularly in steep terrain adjacent to ridge lines, freshly formed snowdrift masses can be triggered by the additional loading of skiers or snowboarders. What's more, as the snowpack becomes increasingly wet, the likelihood of wet, loosely packed avalanches from rocky terrain will increase.

SNOW LAYERING

Since Friday, there has been heavy snowfall above 1000 m, with a brief intermission on Sunday afternoon. The heaviest snowfall was in the western and northwestern regions, where there was more than 100 cm of fresh fallen snow in some places. Elsewhere it generally snowed 30 - 60 cm. Rainfall and rising temperatures will now cause the snowpack to drastically lose its firmness. The snowfall from 19 September is still present only in shady, high alpine regions and is generally hard packed; thus, it is not a weak layer for freshly formed snowdrift.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

General weather conditions: an intense warm front which is embedded inside a northerly high altitude air current will move across the Alps today. Subsequently, dry northwesterly air masses will flow to the Alps. Mountain weather today: fog and rain to begin with, the snowfall level rising from below 2000 m to 3000 m by this afternoon, the freezing level climbing to 3400 m. In the latter part of the day, bright intervals can be expected. Temperature at 2000 m: plus 6 degrees; at 3000 m, plus 2 degrees. Strong westerly to northerly winds. Forecast for the coming days: on Tuesday, the cloudbanks will begin to disperse. On Wednesday, sunny, with clouds regathering in the afternoon. Towards evening and during the night, it will begin to rain lightly in North Tirol. On Thursday, overcast. On Friday, a bit of rainfall. On the weekend, sunny.

SHORT TERM DEVELOPMENT

As the precipitation slackens off, the avalanche danger will swiftly subside. Naturally triggered avalanches should then cease to be a threat. The next bulletin will be published at the next instance of heavy snowfall.

DANGER PATTERNS (GM)

[gm.3 - rain](#)

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