



DANGER PATTERNS (DP): [dp.10 - springtime scenario](http://dp.10-springtime-scenario); [dp.2 - sliding snow](http://dp.2-sliding-snow)

Springtime conditions, daytime rise in danger

AVALANCHE DANGER

In Tirol's backcountry touring terrain, springtime conditions reign and a daytime cycle of avalanche danger prevails. Favourable conditions in early morning, the danger level is generally low; by late morning the snowpack swiftly loses its firmness, the danger level climbs at least to moderate. Particularly on steep east to south to west facing slopes, increasingly frequent moist sluffs and wet avalanches can be expected to trigger by themselves below 2800 m. On slopes where glide cracks are visible in the snowpack surface, naturally triggered gliding avalanches threaten and require cautious evaluation.

SNOW LAYERING

On steep, sunny slopes up to approximately 2800 m, the snowpack is thoroughly wet; a melt-freeze crust capable of bearing loads formed beneath last night's clear skies. This crust will rapidly soften up this morning due to solar radiation and daytime warming, the snow cover forfeit its firmness and consequently weaken. On shady slopes the snowpack surface is frequently still dry, the surface much impacted by wind: breakable crusts or wind compacted surfaces alternate with loosely packed powder.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: A cold front is approaching from the west; at the same time a low pressure zone is forming over Italy. The combination will bring foehn conditions to Tirol initially, then usher in a phase of late winter weather including a cold snap and snowfall down to low lying areas. Monday night the cold will relent; the low will withdraw by mid-week and springtime conditions return. Mountain weather today: Some foehn-induced sunshine in North Tirol's mountains, brightest in the lowlands. Towards evening in the westernmost regions, snowfall will set in, the peaks of the Main Alpine Ridge and Southern Alps be shrouded in cloud. Sunshine will become rare, a few showers will let loose (snow above 1700m). Then, during the night, full fledged winter will return! Temperature at 2000m, between 0 and +4 degrees, dropping to about -5 degrees during the night tonight; at 3000m -5 degrees. Moderate southwesterly foehn winds, stronger in the known foehn lanes.

SHORT TERM DEVELOPMENT

Heavy snowfall anticipated, significant increase in avalanche danger

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