



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

## Favourable backcountry touring in early morning, daytime rise in danger

### AVALANCHE DANGER

In Tirol's outlying terrain for backcountry touring, springlike conditions once again prevail accompanied by a daytime cycle of avalanche danger. 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. On slopes where glide cracks are visible in the snowpack surface, naturally triggered gliding avalanches threaten.

### SNOW LAYERING

Skies were clear last night, outgoing longwave radiation of the snowpack was adequate, the surface consolidated. On steep, sunny slopes up to approximately 2800 m, a melt-freeze crust capable of bearing loads consequently formed. This crust will rapidly soften up this morning due to solar radiation and daytime warming, the snow cover forfeit its firmness and thereby weaken. On shady slopes the snowpack surface is often heavily impacted by wind: breakable crusts or wind compacted surfaces alternate with loosely packed powder.

### ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Tirol's climate umbrella is a high pressure zone over central Europe; it lies in the path of a southwesterly jetstream bringing mild air masses to the Alps. On Sunday the weather will undergo a major change, temperatures will drop and humidity increase. Mountain weather today: clear and mild weather conditions both north and south of the Main Alpine Ridge, maximum sunshine, midday zero-degree level at about 3000 m. Brisk southerly winds in some places. Temperature at 2000m +7 degrees; at 3000m +1 degree. Moderate to brisk southwesterly winds, stronger in classic foehn-exposed zones.

### SHORT TERM DEVELOPMENT

Springlike conditions amidst a daytime danger cycle

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