



DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.10 - springtime szenario](#)

Treacherous situation, considerable danger widespread, rising further today

AVALANCHE DANGER

Unfavourable backcountry touring conditions: avalanche danger in the early morning hours is still considerable widespread, but in western and northern regions could rise to HIGH during the day. Above 1800 m, fresh snowdrifts are the major hazard. Since their bonding to the old snowpack is poor, they can be triggered even by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found on steep slopes in all aspects. At low and intermediate altitudes, ongoing loss of snowpack firmness due to significantly rising temperatures and rainfall requires special caution. Increasingly frequent wet-snow and gliding avalanches can be expected to trigger naturally. The unexperienced are advised against leaving secured ski runs.

SNOW LAYERING

Snowfall set in last night from the west and is expected to intensify during the day today. High altitude W/NW winds are strong to stormy, thus guaranteeing wide ranging snow transport. Snowdrifts and fresh snow are poorly bonded with the old snowpack surface, making them prone to triggering. In inneralpine regions, along the Main Alpine Ridge and in East Tirol, furthermore, an old snow problem threatens: thin layers of faceted snow crystals beneath hardened crusts. If the avalanches which release fracture down to these layers, they could grow to large size. At low and intermediate altitudes, the snowpack will continue to forfeit its firmness during the day as a result of rainfall.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: The Alps lie in the path of a stormy NW air current which will be crossed today, Saturday, by a powerful warm front. In its wake, the air current will change to westerly, instably shifting more to the southwest, more to the northwest, bringing repeated perturbances to Tirol. Temperatures and snowfall levels will fluctuate radically. Mountain weather today: stormy, inhospitable conditions. The peaks will rapidly disappear into cloud, poor visibility will reign, a brief period of precipitation followed by light to moderate snowfall around the Arlberg. Milder at all altitudes: temperature at 2000 m: -9 to -1 degree; at 3000 m: -15 to -7 degrees. Strong to storm-strength W/NW winds at high altitudes.

SHORT TERM DEVELOPMENT

Following the snowfall, rainfall and wind: unfavourable touring conditions!

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