



DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.2 - gliding snow](#)

Critical avalanche situation: high danger widespread, also very high danger!

AVALANCHE DANGER

The avalanche situation in Tirol is critical, avalanche danger is high over widespread areas, even reaching very high or will reach this level during the day. Both fresh snow and snowdrifts are highly prone to triggering. Increasingly frequent naturally triggered avalanches can be expected during the course of the day. In some cases, the released avalanches can fracture down to more deeply embedded layers inside the snowpack and grow to large size. Thereby, exposed transportation routes can be placed at risk, even settlement areas endangered. We urgently advise against all backcountry skiing and freeriding tours! Below 2000 m, increasingly frequent naturally triggered gliding avalanches threaten during the course of the day.

SNOW LAYERING

Over the last 48 hours in western and northern regions of North Tirol there has been up to 100 cm of fresh snow registered, more from place to place. In inneralpine regions and along the Main Alpine Ridge there was 50-70 cm; in East Tirol, much less (excluding Tauern Ridge). Strong to storm-strength NW winds were blowing, thus transporting the fresh fallen snow massively. Deep snowdrifts are poorly bonded with the loosely-packed fresh snow, so can easily be triggered as avalanches. Isolated weak layers inside the old snowpack are now covered over by thick layers of fresher snow. If releasing avalanches grow to medium size, however, they can fracture down to ground-level layers and become truly large. During the course of the day the snowpack will forfeit its firmness at low and intermediate altitudes due to rainfall and mild temperatures.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. The powerful NW weather front bringing much precipitation will persist throughout the day. A warm front will bring heavy snowfall to North Tirol more than anywhere else. The NW airstream will be subjected to a high pressure front by tomorrow, and on Wednesday at least three days free of precipitation will follow, with mild temperatures. Mountain weather: poor visibility, lots of wind, heavy and persistent snowfall on the northern flank of the Alps, heaviest in western regions of Tirol, promising immense amounts of fresh snow above 1500-1800 m. In the Arlberg and Ausserfern regions, the snowfall will turn to rainfall below 1200-1500 m during the morning. In inneralpine regions, this will occur with some delay, this afternoon. The snow at low altitudes will become more and more moist. The snowfall will also extend over the Alps to East Tirol. In the Carnic Alps, dispersed cloud accompanied by northerly winds this afternoon. Temperature at 2000 m: rising towards -2 degrees; at 3000 m: rising towards -6 degrees.

SHORT TERM DEVELOPMENT

The critical avalanche situation will persist: high danger.

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Translated by Jeffrey McCabe