



DANGER PATTERNS (DP): [dp.10 - springtime scenario](#); [dp.2 - sliding snow](#); [dp.3 - rain](#)

Below about 2200m considerable danger in North Tirol, elsewhere moderate danger

AVALANCHE DANGER

The avalanche danger level depends on altitude. In North Tirol below about 2200m it is considerable due to the wet snowpack; above that altitude it is moderate. In East Tirol the danger level is generally moderate. The major peril stems from gliding avalanches on steep, grassy slopes. In East Tirol these avalanches can reach large size. In addition, wet, loose avalanches can be released in extremely steep terrain even by the impulse of one sole skier where the snowpack is superficially wet. Slab avalanches are increasingly possible, even by minimum additional loading, in very steep, west to east facing terrain below about 2400 m where the snowpack is shallow; moreover, such avalanches will become more likely over the course of the day. With ascending altitude the conditions tend to improve, but in high alpine regions caution is urged towards the small-sized fresh snowdrift accumulations on north facing slopes.

SNOW LAYERING

The snow cover cooled down during the night only in East Tirol. Elsewhere it is wet at least up to the treeline. The surface has only a thin melt-freeze crust, if at all, rapidly softening during the day. In East Tirol, on the other hand, the crust is usually capable of bearing loads. Slab avalanche bed surfaces are the wet, previously faceted layers beneath the hardened layers close to the surface. Wind reinforces evaporation, thus reducing the wetness of the snowpack.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: poor visibility due to fog and snowfall. Initially it will snow down to about 1500m, this afternoon the snowfall level will climb towards 2000m. By evening, only a few centimeters of fresh fallen snow are anticipated above the treeline. In ridgeline terrain, strong to storm-force NW winds are blowing. Temperature at 2000m, 0 degrees; at 3000m, -4 degrees. Strong to stormy northwesterly winds.

SHORT TERM DEVELOPMENT

Springtime scenario. More favourable conditions at high altitude than at low.

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Translated by Jeffrey McCabe