



**DANGER PATTERNS (DP):** [dp.4 - cold following warm / warm following cold](#) [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#)

### Generally considerable danger above 2400m

#### AVALANCHE DANGER

As a result of new fallen snow and initially strong winds, avalanche danger above 2400m has increased to considerable in general. Below 2400m danger is low, but this evening will rise to moderate. The major peril is found on the very steep slopes where weak upper layers formed inside the snow cover last week on north-facing slopes at 2400-2900m and on E-S-W facing slopes above 3200m. In addition, very steep high altitude terrain near ridgelines needs to be evaluated critically. Particularly on shady slopes, isolated surface hoar heightens proneness to triggering. As snowfall intensifies during the day today, new snowdrifts will accumulate at high altitude which in places will be triggerable even by minimum additional loading. Naturally triggered avalanches will be the exception, most likely in the regions where snowfall is heaviest.

#### SNOW LAYERING

Since Tuesday 25.04 there has been rainfall or snowfall in the border regions along the Main Alpine Ridge from the Ötztal Alps eastwards. In the remaining regions of Tirol the precipitation began only yesterday. The snowfall level lies between 2000 and 2200m for the most part. All in all, there has been 10-20 mm of rainfall and at high altitudes 10-20 cm of snowfall. From place to place, e.g. near the Timmelsjoch, in the southern ramparts of the Zillertal Alps and in parts of the East Tyrolean Tauern, there has already been 50 cm and more fresh fallen snow registered. Thus, the dangers are correspondingly greater in those regions. Weak layers are evident in the snowpack, formed last week in the danger pattern known as COLD ON WARM.

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

The mountains north and south of the Main Ridge are by and large shrouded in clouds and it is snowing at varying intensity, with intermissions this morning. Snowfall level in the Northern Limestone Alps is 600-1000m; on the Main Ridge at 1000-1400m. In the Southern Alps the rainfall extends up to 1500-2000m. Temperature at 2000m: -4 degrees; at 3000m: -7 degrees. Moderate to brisk southerly winds at high altitude.

#### SHORT TERM DEVELOPMENT

No improvement expected, due to snowfall and wind

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