



DANGER PATTERNS (DP): [dp.2 - gliding snow](#) [dp.3 - rain](#) [dp.6 - loose snow and wind](#)

Wet-snow problem at low and intermediate altitudes, snowdrift problem at high altitudes

AVALANCHE DANGER

In the southern, rain-impacted regions, considerable danger prevails in general. Elsewhere the danger is considerable above 2400 m this morning, moderate below 2400 m. The danger will increase to considerable in general over the course of the day due to rainfall. Two risks currently threaten. First, the wet-snow problem; second, the snowdrift problem. The wet-snow problem prevails below 2400 m, where the snowpack is moist widespread, thereby forfeiting its firmness. This will be even more the case wherever it rains, as is predicted for this afternoon. We anticipate loosely-packed wet-snow avalanches in extremely steep terrain. In the foehn-exposed regions, isolated naturally triggered slab avalanches on shady slopes above 2200 m can be expected. It is also likely that the snowpack on steep, grass-covered slopes will glide. The snowdrift problem requires caution primarily above 2400 m on shady slopes. Above 2800 m, this also applies to west and east-facing slopes.

SNOW LAYERING

The snowpack has become increasingly wet at low and intermediate altitudes over the last few days. Rainfall in southern regions has accelerated the process. In northern regions, a melt-freeze crust formed last night amidst at least partially clear skies, but the crust will soften during the daytime. Significant weak layers for slab avalanches are found on shady slopes above 2400 m and on sunny slopes above 2800 m: the weak layers are near the uppermost surface, composed of faceted crystals which formed during the period of extreme cold. They sometimes lie beneath thin wind crusts or melt-freeze crusts. On top of them, the foehn wind has deposited sometimes quite thick snowdrift accumulations.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

The new week will bring variable, cool and windy weather to Tirol. Until midday today, foehn windows of brightness will appear all around the Inn Valley, elsewhere dense cloud will dominate, many peaks will be hidden in fog. This afternoon, snow showers will move in. Also the mountains of East Tirol will be subject to highly variable conditions. Temperature at 2000 m: 0 degrees; at 3000 m: -8 degrees. Moderate to strong W/SW winds at high altitude.

SHORT TERM DEVELOPMENT

The situation will remain similar to today: wet-snow at low altitudes, snowdrift at high altitudes.

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Translated by Jeffrey McCabe