



Regional Avalanche Danger Levels in alpine areas from 24.02.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2400m fresh, trigger-sensitive
	 old snow	 2400m esp. shady slopes
	General Level Tirol 	Tendency tomorrow decreasing

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

Above 2400m considerable avalanche danger widespread

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions has increased to considerable over widespread areas. The major peril stems from fresh snowdrift accumulations. They are generally small-sized but prone to triggering. They can often be triggered by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found on steep, shady slopes above 2400m as well as in general in ridgeline terrain in all aspects. Below 2000m the danger of naturally triggered moist and wet-snow avalanches has diminished due to lower temperatures.

SNOW LAYERING

The snowpack surface above 2400m is heavily impacted by winds. Drifts alternate with windblown slopes or wind-hardened zones. Some new fallen snow and strong-to-stormy westerly winds will create snowdrift accumulations again today. They will be poorly bonded with the surface beneath them, thus trigger-sensitive. Below 2000m the snowpack is thoroughly wet, due to mild temperatures and rain in the last few days. The lower temperatures will stabilise it somewhat.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Tirol lies in the grips of a compact westerly air current, a cold front will bring noticeably lower temperatures today, along with a small amount of precipitation. In the wake of this air current, high-pressure conditions will come, before on Sunday a warm front brushes past bringing clouds. Mountain weather today: in the mountains of North Tirol and in the East Tirolean Tauern, unpleasant conditions prevail, reduced visibility from fog and clouds, widespread snowfall this morning, showers later on which even spread to the southern flank of the Alps, and receding temperatures. At 2000m: -2 to -7 degrees; at 3000m: -7 to -14 degrees. Strong to stormy westerly winds to start with, this afternoon shifting to northwesterly and slackening off.

SHORT TERM DEVELOPMENT

Avalanche danger slowly diminishing

Rudi Mair

Translated by Jeffrey McCabe