



Regional Avalanche Danger Levels in alpine areas from 11.02.2016 07:30 All-Day	WHAT? problem	WHERE? danger spots
	<p>drifting snow</p>	<p>2000m</p> <p>fresh, trigger-sensitive</p>
	<p>persistent weak layer</p>	<p>2200m</p> <p>shallow snow zones</p>
<p>General Level Tirol</p>	<p>Tendency tomorrow</p> <p>constant</p>	

DANGER PATTERNS (DP): [dp.1 - deep persistent weak layer](#) [dp.6 - loose snow and wind](#) [dp.7 - snow-poor zones in snow-rich surrounding](#)

Delicate situation, danger considerable, regionally high!

AVALANCHE DANGER

The avalanche scenario in Tirol remains treacherous, considerable danger prevails widespread; regionally the danger level even reaches a low-level 4: high. The major peril stems from the fresh snowdrift accumulations which formed yesterday. They were frequently deposited on top of loosely-packed new fallen snow and are prone to triggering. An avalanche can be triggered even by minimum additional loading, i.e. the weight of one skier. In some places avalanches can then fracture down to the weakened inner layers of the old snowpack and grow to large size. Remote triggerings are also possible. Attention: the first fine day after a period of storm/snowfall is especially critical. Heightened caution and restraint are imperative on very steep slopes.

SNOW LAYERING

Yesterday in North Tirol and along the East Tirolean Tauern Ridge there was another 10-20 cm of snowfall. Due to wintery temperatures the fresh fallen snow is dry and loosely-packed. For that reason the strong (even stormy during the morning) westerly to northwesterly winds whipped up the new fallen snow and transported it massively. The fresh drifts are brittle and can easily be triggered as avalanches. The weak layering inside the fundament persists: above 2200m it is riddled with faceted snow crystals.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: an intermediate high prevails today, improved conditions, less wind. From Friday through Sunday we will be in the path of a W/SW airstream, receiving a quick succession of weak perturbances and dry spells, in North Tirol a foehn scenario. Temperatures will rise. Mountain weather today: improved conditions, less wind, lots of sunshine, good visibility (only in the eastern ranges of North Tirol and Hohe Tauern is there residual cloud). This afternoon in the western regions, diffuse light conditions (high altitude cloud). Temperature at 2000m, -8 degrees; at 3000m, -14 degrees. Mostly light S/SW winds, blowing at moderate speed this afternoon and evening.

SHORT TERM DEVELOPMENT

Avalanche danger will incrementally diminish, but remain considerable over widespread areas.

Rudi Mair

Translated by Jeffrey McCabe