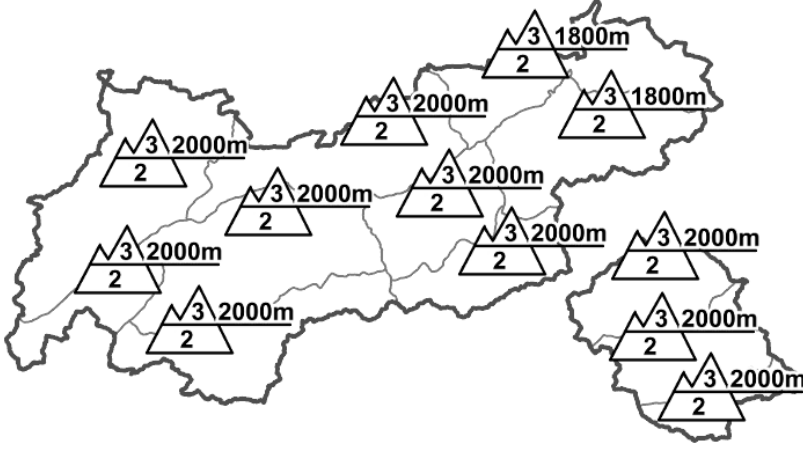










Regional Avalanche Danger Levels in alpine areas from 05.02.2015 07:30 <span style="color: red;">All-Day</span>		WHAT? problem	WHERE? danger spots
		 drifting snow	 2000m fresh-formed
		 persistent weak layer	 2000m south of the Inn
<b>General Level</b> Tirol 		<b>Tendency</b> tomorrow  constant	

**DANGER PATTERNS (DP):** [dp.6 - loose snow and wind](#) [dp.7 - snow-poor zones in snow-rich surrounding](#) [dp.8 - surface hoar blanketed with snow](#)

**Above 2200m, considerable avalanche danger widespread.**

### AVALANCHE DANGER

The avalanche scenario in Tirol remains tense, the danger level is considerable widespread. More than anything else the peril lies in freshly formed snowdrift accumulations which are frequently deposited on top of loose new fallen snow or surface hoar, making them prone to triggering. An avalanche can generally be triggered even by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found on wind-loaded slopes in all aspects. Their frequency and spread will increase over the course of the day today. Drifted gullies and bowls, as well as transitions from shallow to deep snow, need to be evaluated with heightened caution.

### SNOW LAYERING

Last night on shady slopes more than anywhere else, surface hoar formed as a result of the clear skies and low temperatures. Elsewhere the snowpack surface evidences heavy impact from winds: in protected zones there is still loose powder. Where wind was in play, hard-compacted or windblown slopes often lie immediately adjacent to deeply drifted gullies and bowls. Fresh snowdrift accumulations have frequently been deposited atop a loosely packed old snowpack surface, which makes them prone to triggering. Caution: as easterly winds intensify, new and brittle snowdrift accumulations will ongoingly form over the course of the day.

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

Weather: Conditions over Europe, currently determined by a low over the western Mediterranean and a high wedged between England and northern Germany, will spread by tomorrow, Friday, and push the low ever further southwards. Mountain weather today: wintery cold, frequent fog, light snowfall (insignificant amounts, especially in the Northern Alps; just a few centimeters on Main Alpine Ridge; as much as 20 cm in the Carnic Alps, Dolomites and Ortler). Bitingly cold easterly winds in many places, intensifying this afternoon, thus sharpening subjective feelings of cold. Temperature at 2000m, -10 degrees; at 3000m, -10 degrees. Light easterly to southeasterly winds, becoming stronger later on.

### SHORT TERM DEVELOPMENT

Some snowfall+stormy winds = increasing avalanche danger

Rudi Mair

Translated by Jeffrey McCabe