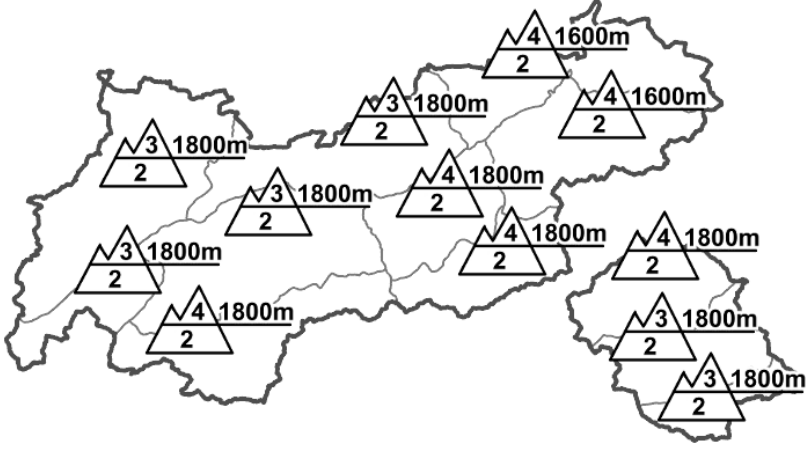












Regional Avalanche Danger Levels in alpine areas from 10.02.2015 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 1800m  fresh, brittle
	 persistent weak layer	 2000m  south of the Inn
<p>General Level Tirol</p> 	<p>Tendency tomorrow</p>  constant	

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.8 - surface hoar blanketed with snow](#) [dp.9 - graupel blanketed with snow](#)

Treacherous backcountry scenario, danger high from region to region

AVALANCHE DANGER

The avalanche situation in outlying terrain away from secured ski runs is high from region to region! More than anything else, the snowdrift accumulations are brittle and extremely prone to triggering. Avalanches can generally be triggered even by minimum additional loading, i.e. the weight of one sole skier is sufficient. Avalanche prone locations are found on steep slopes (over 30° gradient) in all aspects above the treeline. Attention: as temperatures swiftly rise, so will the solar radiation. That makes increasingly frequent naturally triggered avalanches likely today. Backcountry skiing and freeriding tours require extensive experience in assessing risks on-site. The possibilities are severely limited

SNOW LAYERING

Yesterday high altitude northerly winds were blowing at strong to storm strength, massively transporting the latest round of loose, fresh fallen snow. New fallen and newly drifted snow masses were deposited on top of a very prone-to-triggering old snowpack surface, in some places atop surface hoar or graupel. The poor snowpack layering requires a high degree of caution most of all in the regions south of the Inn: interspersed between deeply embedded hard crusts are layers of faceted snow crystals. They are the threat.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: A powerful high pressure front is spreading over Tirol. It will determine our weather for the next few days, bringing milder air masses. Mountain weather today: excellent conditions both north and south of the Main Alpine Ridge, maximum sunshine from morning til night. Much milder (zero-degree level ascending to 2000m), -5 degrees at 3000m. Moderate to brisk northeasterly winds at high altitude.

SHORT TERM DEVELOPMENT

Avalanche danger will incrementally subside

Rudi Mair

Translated by Jeffrey McCabe