



Regional Avalanche Danger Levels in alpine areas from 20.01.2015 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 persistent weak layer	 2200m weak fundament
		 drifting snow	 2400m increasing with alti
		General Level Tirol 	Tendency tomorrow constant

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 - considerable danger widespread

AVALANCHE DANGER

The avalanche situation in Tirol remains treacherous, the perils are considerable widespread. More than anything else the fresh and older snowdrift accumulations are inadequately bonded to the snowpack beneath them, making them triggerable as avalanches even by minimum additional loading. In isolated cases, avalanches can fracture down deep in the old snowpack and subsequently attain medium size. In addition, avalanches can still be remotely triggered. Skiing and freeriding tours in outlying terrain continue to demand much experience in assessing avalanche hazards on-site.

SNOW LAYERING

The more deeply embedded layers inside the snowpack contain layers of loose, faceted crystals interspersed between hardened crusts. This fundament can serve as a trigger-sensitive bed surface for the fresh fallen snow and snowdrift accumulations which have been deposited on top of it. The snow layering is least favourable in the inneralpine regions and along the Main Alpine Ridge. It is somewhat better along the northern rim of the Alps and in the furthest south. High altitude southwesterly winds were generally light (moderate along Main Alpine Ridge, giving rise to freshly formed, small-sized snowdrift accumulations).

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: A low pressure trough is lodged over western Europe, unable to move eastwards, but is now giving way. Tirol remains under the influence of a weak high pressure front. Tomorrow, Wednesday, a southerly foehn-scenario will enter the picture. Mountain weather today: the good conditions for winter sports continue, amidst high altitude cloud passing through above summit level which can impair the sunshine somewhat (more this morning than this afternoon). Temperature at 2000m, -6 degrees; at 3000m, -12 degrees. Moderate southwesterly winds, brisker in the Tux Alps.

SHORT TERM DEVELOPMENT

Considerable avalanche danger persists

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Translated by Jeffrey McCabe