



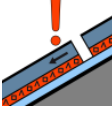








Regional Avalanche Danger Levels in alpine areas from 21.02.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2000m  fresh, increasing
	 old snow	 2400m  esp. shady slopes
	General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.3 - rain](#)

Moderate avalanche danger widespread, but rising

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is moderate over widespread areas, but during the course of the day the combination of new fallen snow and wind will cause it to rise. The major peril stems from fresh, relatively small-sized snowdrift accumulations. These are generally inadequately bonded to the snowpack surface beneath them and can be triggered as avalanches with large additional loading. Avalanche prone locations are found in steep, shady slopes above 2000m and in terrain adjacent to ridgelines in all aspects. Transitions from deep to shallow snow also need to be cautiously evaluated. Below about 1800m the snowpack is forfeiting its firmness due to rainfall. Naturally triggered loose-snow avalanches are the consequence. Caution: avalanche danger will increase during the day today and can reach considerable along the Northern Alps.

SNOW LAYERING

Last night in North Tirol there was a small amount of snowfall. High altitude winds from the southwest were generally above transport strength, thus created new, predominantly small-sized snowdrifts at high altitudes. Caution: during the course of the day, more snowfall plus strong westerly to northwesterly winds will bring about more snowdrift accumulations which will be prone to triggering. At low altitudes the snowpack is losing its firmness through rain. Particularly in inneralpine regions and along the Main Alpine Ridge, the old-snow problem persists: inside the snowpack at 2400-2800 lurk threateningly weak layers of faceted-crystal, unbonded snow.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Dry and springlike mild temperatures are moving into Tirol at mid-week, on Friday a powerful cold front will arrive. Mountain weather today: inhospitable conditions, strong winds, even reaching storm strength, poor visibility and lots of clouds accompanied by some fog. The winds will whip up snow showers in northern regions, snowfall level at 1300-1800m. This morning, still a few showers in the western sector of the Main Ridge. In the Lienz Dolomites and South Tirol mountains it will for the most part remain dry, apart from the Main Ridge. Temperature at 2000m: 0 degrees; at 3000m: -5 degrees. Generally very strong NW winds, even stormy in the Northern Limestone Alps and the Hohe Tauern.

SHORT TERM DEVELOPMENT

Generally moderate avalanche danger

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