



Regional Avalanche Danger Levels in alpine areas from 17.04.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2200m fresh, trigger-sensitive
	 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](#)

Snowfall and wind above 2200m: considerable danger widespread

AVALANCHE DANGER

Fresh fallen snow and winds have increased avalanche danger in Tirol's backcountry touring regions, the danger is now considerable widespread above 2200m. The major peril lies in the freshly formed, trigger-sensitive snowdrift accumulations. Avalanche prone locations are found on steep slopes, in ridgeline terrain and in drifted gullies and bowls above 2200m. It is generally possible to trigger an avalanche by minimum additional loading, i.e. the weight of one sole skier or freerider. In isolated cases avalanches can fracture down into the old snowpack and then grow to medium size. As temperatures recede, the danger of wet-snow avalanches has diminished. In steep avalanche paths, caution is urged towards naturally triggering superficial loosely-packed avalanches.

SNOW LAYERING

Over the last 24 hours there has been 20-30 cm of new fallen snow registered in the Silvretta, Arlberg/Ausserfern region, Northern Alps and Kitzbühel Alps, more from place to place. In the inneralpine regions there was generally 10-20 cm registered; in the remaining regions of North Tirol and on the East Tirolean Tauern Ridge, less. The snowfall level fluctuated between 800 and 1200m. The snowfall was accompanied by brisk to strong westerly winds, thus transporting the snow above 2200m and depositing new drifts which blanket the fresh fallen snow and are, thus, quite prone to triggering. Particularly in the inneralpine touring regions and along the Main Alpine Ridge, the frequently weak snowpack structure requires careful heed, particularly on shady slopes at 2400-3000m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: From the far north, cold and moist air masses are being pushed into the Alpine regions and further to the Adriatic. Tirol is caught in a tight NW air current which is bringing winter back. Conditions are expected to improve only as of Thursday. Mountain weather today: wintery conditions in the mountains of North Tirol and the Tauern of East Tirol. More snow showers are expected today, becoming heavier and intensifying as the day unfolds. Visibility is severely impaired by clouds and fog. In the Dolomites and Carnic Alps conditions are far more pleasant. At 2000m: -6 to -3 degrees; at 3000m: -10 degrees. Brisk, later intensifying W/NW winds.

SHORT TERM DEVELOPMENT

As heavy snowfall persists, considerable danger will also. Locally, danger level 4 is also possible.

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Translated by Jeffrey McCabe