



Regional Avalanche Danger Levels in alpine areas from 21.01.2015 07:30 All-Day	WHAT? problem	WHERE? danger spots		
	 persistent weak layer	 2200m south of the Inn		
	 drifting snow	 2400m generally small		
	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"> General Level Tirol 3 </td> <td style="text-align: center;"> Tendency tomorrow constant </td> </tr> </table>		General Level Tirol 3	Tendency tomorrow constant
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DANGER PATTERNS (DP): [dp.1 - deep persistent weak layer](#) [dp.6 - loose snow and wind](#) [dp.7 - snow-poor zones in snow-rich surrounding](#)

Considerable danger regionally

AVALANCHE DANGER

The avalanche danger in Tirol's backcountry touring regions remains considerable from place to place. This applies particularly to the regions where snow layering is unfavourable, i.e. inneralpine and along the Main Alpine Ridge, where freshly formed and older snowdrift accumulations can usually trigger even by minimum additional loading. The avalanche prone locations are to be found in all aspects primarily above approximately 2400m. Transition areas from shallow to deep snow need to be assessed extremely carefully. Attention: brisk southerly winds in the classic foehn lanes in particular will give rise to new, trigger-sensitive snowdrift accumulations.

SNOW LAYERING

The snow cover layering is currently least favourable in the inneralpine regions and along the Main Alpine Ridge. Above approximately 2200m in those places hardened encrusted layers are found inside the snowpack which are themselves surrounded by loose, faceted snow crystals. The layering is somewhat more favourable along the Northern Alps and in the far south. As a result of moderate southwesterly winds (brisker in the foehn lanes) generally small-sized snowdrift accumulations have formed afresh above approximately 2400m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: A low pressure trough extends from western Europe southwards to Spain. The Alps are caught in its forward edge in a light southerly air current. Tomorrow a Mediterranean low will coalesce and create our weather over the weekend. Mountain weather today: enduringly sunny conditions in Tirol's mountains, only a bit of harmless high-altitude cloud. In high alpine regions and in the classic foehn lanes of North Tirol, strong southerly winds in some places. In the Ortler range, Dolomites and Carnic Alps, cloud will move in this afternoon which will then spread as far as the Main Alpine Ridge, fog will settle in. Tonight in southern regions, light snowfall. Temperature at 2000m, -3 degrees; at 3000m, -9 degrees. Moderate to brisk southerly winds at high altitudes, strong to stormy in the Tux Alps.

SHORT TERM DEVELOPMENT

In East Tirol, rising danger due to snowfall and wind

Rudi Mair

Translated by Jeffrey McCabe