



Regional Avalanche Danger Levels in alpine areas from 13.02.2016 07:30 All-Day	WHAT? problem	WHERE? danger spots		
	 drifting snow	 2200m fresh, small		
	 persistent weak layer	 2200m shady zones		
	<table border="0"> <tr> <td data-bbox="975 667 1166 857"> General Level Tirol 3 </td> <td data-bbox="1166 667 1514 857"> Tendency tomorrow constant </td> </tr> </table>		General Level Tirol 3	Tendency tomorrow constant
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DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.7 - snow-poor zones in snow-rich surrounding](#)

Beware fresh, small snowdrift accumulations

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is regionally considerable above 2200m. The major peril stems from fresh, rather small-sized snowdrift accumulations which can often trigger an avalanche even by minimum additional loading. Avalanche prone locations are found in ridgeline terrain in all aspects, in drifted gullies and bowls, and generally in transitions from shallow to deep snow. Particularly in those regions where the snow structure is poor, i.e. inneralpine regions and on the Carnic Ridge, can avalanches fracture down to more deeply embedded layers inside the snowpack and then grow to large size. The situation in the regions where snowfall has been heavy (in the west and north) is more favourable.

SNOW LAYERING

Last night in Tirol there was a small amount of snowfall, brisk W/SW winds whipped up and transported it. The drifts which formed are small, but quite prone to triggering. The intensifying solar radiation, together with nocturnal outgoing radiation, consolidated the snowpack surface on steep, sunny slopes more than anywhere else. However the weak inner layering of the snowpack is still worrisome. Particularly on shady slopes above 2200m, the fundament is riddled with loose, faceted snow crystals.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: A low pressure zone over northern and central Europe is the dominant factor, Tirol lies at its edge in the path of a variable westerly air current. Today, barrier clouds in northern regions to start with, sunny in East Tirol; then, increasingly, a foehn scenario will arise from the south. Mountain weather today: in the Northern Alps light foehn winds, becoming ever sunnier. On the Main Alpine Ridge and, even more, in the Dolomites, sunshine all day. By evening, cloud will move in above summit altitude. Temperature at 2000m, -1 degree; at 3000m, -10 degrees. Winds will be westerly, initially blowing at brisk strength, Tauern wind in East Tirol. Subsequently, SW foehn winds.

SHORT TERM DEVELOPMENT

Above 2200m, regionally considerable danger.

Rudi Mair

Translated by Jeffrey McCabe