



Regional Avalanche Danger Levels in alpine areas from 16.02.2016 07:30 All-Day	WHAT? problem	WHERE? danger spots		
	 persistent weak layer	 2300m mostly inneralpine		
	 drifting snow	 2300m mostly ridgeline terrain		
	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"> General Level Tirol </td> <td style="text-align: center;"> Tendency tomorrow constant </td> </tr> </table>		General Level Tirol 	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](#)

Mostly moderate danger; considerable in some inneralpine regions and southern East Tirol

AVALANCHE DANGER

Avalanche danger is moderate over widespread areas, below the treeline usually low. Conditions remain unfavourable in the Tux, Stubai, Ötztal and Zillertal Alps, as well as in southern East Tirol, where above 2300m the danger level is still considerable. In southern East Tirol, this danger level prevails already as of 1800m. Caution urged on shady slopes where avalanches can be triggered even by minimum additional loading, especially easily where the snow is shallow. Due to flat snow distribution, ground-level weak layers can release isolated slab avalanches which reach large size. In isolated cases, even remote triggerings are possible.

SNOW LAYERING

Over the last 24 hours there has been 5-10 cm of new fallen snow in Tirol, in some places mixed with graupel. Striking during the snowfall was the lack of wind, thus, snow transport hardly existed. Nonetheless, where moderate winds were blowing, e.g. at high altitudes, new snowdrift accumulations formed which particularly at high altitude are prone to triggering. The major risk stems from ground-level weak and loose layers of snow, which are found most frequently in the Tux, Stubai, Ötztal and Zillertal Alps on W/NW to N to E/NE facing slopes above 2300m, in the other aspects above 2500m. In southern East Tirol this hazard prevails already as of the treeline on shady slopes, where deeply embedded layers of the snowpack are faceted, most of which lurk beneath a thin crust. Stability tests show a high proneness to triggering.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: in the Northern Alps the peaks will remain shrouded in fog, intermittent light snowfall anticipated, tapering off this afternoon. Near the Main Alpine Ridge, light snowfall this morning, this afternoon chances of sunshine will be heightened more than anywhere else west of the Brenner. In southern regions, skies often overcast, but very few snow showers. Temperature at 2000m, -7 degrees; at 3000m, -13 to -9 degrees. Light to moderate easterly winds.

SHORT TERM DEVELOPMENT

Initially no significant change in danger levels. Old-snow problem persists esp. in transitions from shallow to deep snow.

Patrick Nairz

Translated by Jeffrey McCabe