



Regional Avalanche Danger Levels in alpine areas from 18.02.2015 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots		
	 persistent weak layer	 2000m shady terrain		
	 gliding snow	 2400m steep grassy slopes		
	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"> <b>General Level</b>            Tirol  </td> <td style="text-align: center;"> <b>Tendency</b>            tomorrow              constant         </td> </tr> </table>		<b>General Level</b> Tirol 	<b>Tendency</b> tomorrow  constant
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**DANGER PATTERNS (DP):** [dp.1 - deep persistent weak layer](#) [dp.2 - gliding snow](#) [dp.7 - snow-poor zones in snow-rich surrounding](#)

### Moderate danger above 2000m, mostly low danger below 2000m

#### AVALANCHE DANGER

Above approximately 2000m in Tirol's backcountry touring regions avalanche danger is generally moderate; below that altitude, low. Avalanche prone locations where dry slab avalanches can threaten are found primarily on W to N to E facing slopes at altitudes between approximately 2000 and 2600m. Other danger zones are found in steep, high alpine, shady terrain along the Main Alpine Ridge. The perils of avalanches tend to increase slightly as of midday due to solar radiation and daytime warming. Caution is urged towards naturally triggered gliding avalanches on steep, grass-covered slopes.

#### SNOW LAYERING

The snowpack surface tends to transform to firm snow on steep, sunny slopes over the course of the day. The nights are clear, the snowpack has adequate outgoing radiation, forms a melt-freeze crust capable of bearing loads. In wind-protected, shady high altitude terrain there is still loosely packed powder. Particularly on shady slopes between about 2000 and 2600m the weak snow layering demands special caution: between hardened crusts, layers of faceted crystals threaten.

#### ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: high pressure weather between Spain and Russia, Tirol is wedged at its centerpoint. The air is very dry, moisture is caught only at ground level, making high fogbanks tenacious in many valleys. Higher up, brilliant sunshine, a splendid day for winter sports, cloudless skies, light E/NE winds, zero-degree level above the high fog will rise to just under 2000m in western regions, to 1500m in East Tirol. Temperature at 2000m, -2 degrees; at 3000m, -6 degrees. Light to moderate E/NE winds.

#### SHORT TERM DEVELOPMENT

Increasingly springlike conditions, avalanche danger unchanged

Rudi Mair

Translated by Jeffrey McCabe