



Regional Avalanche Danger Levels in alpine areas from 19.02.2015 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots		
	 persistent weak layer	 2200m 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](#)

## Generally favourable avalanche situation

### AVALANCHE DANGER

The avalanche scenario is predominantly favourable, the danger above about 2200m is moderate far and wide, below that altitude it is low. Danger zones for dry slab avalanches are found primarily in steep, W-N-E facing terrain between 2000 and 2600m. Caution urged in high alpine, shady ridgeline terrain and in transitions from shallow to deep snow. The snowpack will lose its firmness in the course of the day due to warming and radiation, which will in turn lead to increased naturally triggered, superficial loose sluffs. Gliding avalanches are possible on steep, grassy slopes.

### SNOW LAYERING

The ongoing sunny winter weather has decreased the tensions inside the snowpack, the surface on sunny slopes has melt-freeze crusts up to intermediate altitudes. On shady slopes there is a mixture of melt-freeze crusts, wind crusts, powder in some places. Spots prone to triggering inside the snowpack are generally at altitudes between 2000 and 2600m, especially on shady slopes. The nights are clear, so surface hoar tends to form. The air is quite dry, so their crystals tend to remain small.

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

Weather: Tirol lies at midpoint of a high pressure zone, bringing tranquil weather, high fogbanks which disperse, and sunshine. A low is forming over the British Isles which will interrupt the beautiful weather on the weekend. Mountain weather today: perfect mountain weather, dry air, outstanding visibility, no wind, cloudless skies. Zero-degree level just under 2000m. Temperature at 2000m, + 2 degrees, at 3000 m -4 degrees. Very light winds from varying directions.

### SHORT TERM DEVELOPMENT

As foehn winds intensify, slightly increasing avalanche danger

Rudi Mair

Translated by Jeffrey McCabe