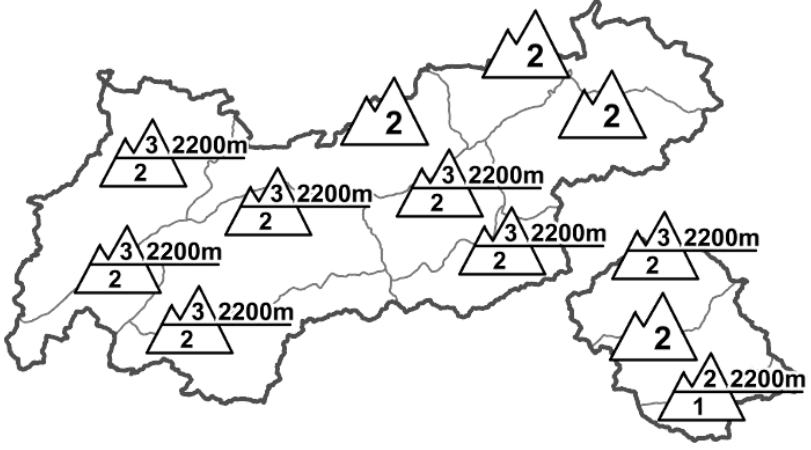





Regional Avalanche Danger Levels in alpine areas from 09.01.2015 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots
	<p><b>General Level</b> Tirol</p> 	<p><b>Tendency</b> tomorrow</p> <p>→ constant</p>

**DANGER PATTERNS (DP):** [dp.1 - deep persistent weak layer](#) [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 region to region. Freshly formed and older snowdrift accumulations can in isolated cases trigger avalanches even by minimum additional loading. If avalanches fracture down to the old snowpack they can attain medium size. Avalanche prone locations are found on wind loaded slopes in all aspects. Also needful of cautious assessment are the transition areas from deep to shallow snow. Skiing and freeriding tours in outlying terrain require experience in evaluating avalanche perils.

### SNOW LAYERING

The snowpack surface bears marks of heavy wind influence: windblown or wind-compressed surfaces often lie immediately adjacent to deeply drifted terrain. Up to approximately 2000 m the snowpack surface has consolidated somewhat due to moistening and nocturnal outgoing radiation. As a result of the ongoing mild temperatures, snowdrift accumulations are no longer as brittle as at the beginning of the week, diminishing their proneness to trigger. However the snow layering remains unfavourable above approximately 2200 m. The fundament contains a sequence of hardened crusts interspersed with layers of loose, faceted crystals embedded near them. In addition, up to about 2200 m a rain crust from the beginning of January is also embedded; beneath that crust is a loosely packed layer which could serve as a bed surface for avalanches.

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

Weather in general: A powerful westerly to northwesterly air current will prevail in Tirol over the weekend, a warm front bringing rainfall and very mild air tomorrow. On Sunday, a mighty cold front will follow in its wake. Mountain weather today: most sunshine today in the Dolomites and East Tirolean mountains. Elsewhere, adequate weather conditions this morning, but light conditions will be diffuse. High altitude cloud will impede the sunshine by and large. Winds will intensify over the course of the day, ultimately reaching storm velocities. This afternoon in northwestern regions, heavy cloud will move in, rain and snowfall will set in. Snowfall level approximately 1500 m. During the night the snowfall level will ascend to just over 2000 m. Anticipated amounts of new fallen snow in high alpine regions of the Main Alpine Ridge: 10-20 cm by Saturday morning, amidst intense snow transport. Temperature at 2000 m: up to +1 degree and rising; at 3000 m: -5 degrees, rising towards 0 degrees on Friday night. Storm-strength westerly winds at high altitudes, intensifying to gale strength northwesterly winds during the night: 120 km/h and more.

### SHORT TERM DEVELOPMENT

Gale-strength winds and some snowfall will ratchet up avalanche danger again.

Rudi Mair

Translated by Jeffrey McCabe