



Regional Avalanche Danger Levels in alpine areas from 13.12.2017 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots
	 drifting snow	 1800m fresh, trigger-sensitive
	 gliding snow	 2400m on steep, grassy slopes
	<b>General Level</b> Tirol  3	<b>Tendency</b> tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.2 - gliding snow](#)

## Considerable avalanche danger widespread

### AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is considerable over widespread areas. Fresh snow plus strong-to-stormy winds yesterday generated renewed snow transport. The snowdrifts are poorly bonded to the old snowpack. Avalanches can thus be triggered even by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found on steep slopes in all aspects, particularly above about 1800 m. The hazards of loose-snow or slab avalanches triggering naturally have diminished somewhat. Below 2400 m, isolated gliding avalanches can trigger naturally.

### SNOW LAYERING

Over the last 24 hours there has been another 10-20 cm of snowfall along the Stubai, Zillertal and Tauern sectors of the Main Alpine Ridge. In the remaining parts of North and East Tirol there was 5-10 cm of fresh snow. High altitude S/SW winds were blowing at greater velocity than required for snow transport, thus generating and depositing fresh and older snowdrifts on top of a loosely-packed old snow cover surface, meaning the proneness to triggering is high. Rain and mild temperatures have moistened the surface up to nearly 2000 m. As temperatures drop, the snowpack will stabilise up to intermediate altitudes.

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

Weather: Tirol lies in the path of a stormy westerly air current in which one perturbation after another is embedded. This is bringing fast-shifting and turbulent conditions our way. On the weekend, another batch of arctic air will hit the Alps. Mountain weather today: the sun will win the battle against fog and cloud this morning, although it will take a little longer in the Kitzbühel and East Tirolean mountains. This afternoon, however, new cloud cover will move in, most of it higher than the summits but creating diffuse light. Temperature at 2000 m: -11 to -5 degrees; at 3000 m: -15 to -8 degrees. Moderate to brisk S/SW winds, possibly reaching storm strength in the Northern Alps this afternoon.

### SHORT TERM DEVELOPMENT

Storm-strength westerly winds: no improvement to avalanche situation.

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Translated by Jeffrey McCabe