












Regional Avalanche Danger Levels in alpine areas from 24.12.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 old snow	 2300m esp. East Tirol 
	 drifting snow	 2400m high altitudes 
	General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.2 - gliding snow](#) [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#)

Mostly moderate danger. In East Tirol, considerable avalanche danger above 2300 m.

AVALANCHE DANGER

In North Tirol, moderate danger prevails. In East Tirol above 2300 m the danger level is considerable. High caution urged towards the recently transported snow. On shady slopes above 2400 m, on sunny slopes above 2700 m, it can be triggered. Most of the drifts are small and easily recognized, but avalanches can be triggered even by the weight of one sole skier. A potential problem appears widespread in East Tirol: the old snow. On sunny, very steep slopes the danger is more critical than on shady slopes. Altitudes of 2300-2800 m on sunny slopes, above 2300 m on shady slopes, are delicate. In sunny terrain, slab avalanches can trigger, esp. in transition zones from shallow to deep snow, even by minimum additional loading. On shady slopes, large additional loading is generally required for a release. Increasingly struck by avalanches are shady, relatively untracked slopes, very steep, with little wind impact. Gliding avalanches persist on steep, grass-covered slopes.

SNOW LAYERING

Clear skies last night, except for the fog. The snowpack on south-facing slopes is moist up to 2400 m, has now consolidated. Melt-freeze crusts have formed at low and intermediate altitudes. Weak layers inside the snowpack are found in the very light, fluffy powder, recently covered by fresher snow. The problem is especially prevalent at very high altitudes. In addition, layers of faceted crystals are found on sunny slopes beneath the melt-freeze crust. Most prone to triggering is sunny terrain in East Tirol. At low and intermediate altitudes, the snow will moisten further during the course of the day, forfeit some of its firmness.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Brilliant sunshine on Christmas Eve, top visibility from the summits. At lower altitudes the fog could be tenacious, but apart from that the air is clear. Quite mild for this juncture of the season, the zero-degree level rising to 3000 m. Temperature at 2000 m: +5 degrees; at 3000 m: 0 degrees. Light to moderate NW winds at high altitudes.

SHORT TERM DEVELOPMENT

The situation will continue to improve.

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Translated by Jeffrey McCabe