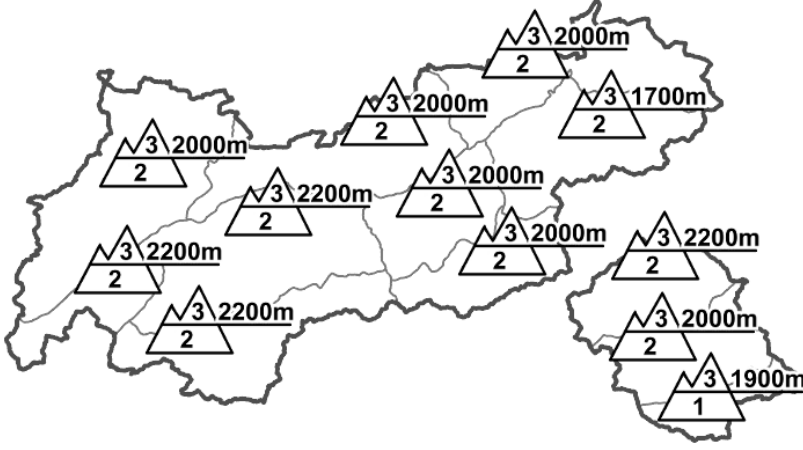












Regional Avalanche Danger Levels in alpine areas from 01.02.2015 07:30 <span style="color: red;">All-Day</span>		WHAT? problem	WHERE? danger spots
		 drifting snow	 2000m  high altitudes
		 persistent weak layer	 2000m  south of the Inn
<b>General Level</b> Tirol 		<b>Tendency</b> tomorrow  constant	

**DANGER PATTERNS (DP):** [dp.6 - loose snow and wind](#) [dp.7 - snow-poor zones in snow-rich surrounding](#) [dp.1 - deep persistent weak layer](#)

### Above 2000m considerable danger

#### AVALANCHE DANGER

Avalanche danger is contingent on altitude: above approximately 2000m it is considerable; below 2000m, moderate. The major peril still stems from recently accumulated snowdrift masses, especially above 2000m. Their proneness to triggering tends to increase with ascending altitude. With some experience they can be easily recognized. In addition, there is a problem with the more deeply embedded weak layers inside the snowpack: mostly they can release only by large additional loading, but where snow is shallow it is possible to trigger them even by the weight of one sole skier. This applies particularly to shady, steep slopes between about 2000 and 2600m, and on sunny slopes above approximately 2300m. In the Kitzbühel Alps, shady, very steep terrain at about 1700m can also be delicate.

#### SNOW LAYERING

Over the last few days the snowpack above the treeline has been heavily impacted by winds. Correspondingly irregular is the quality of snowpack surfaces; the snow distribution is also highly irregular. In zones protected from wind influence there is still powder; on sunny slopes a thin melt-freeze crust has formed. Snowdrift from recent days shows better bonding but is still prone to triggering at high altitudes. Weak layers near the ground have faceted crystals contained between hardened crusts; they can no longer be triggered quite as easily as in January. However, more recently formed weak layers which formed all around the rain crusts of 10.01 require heightened attentiveness, particularly on shady slopes below about 2600m.

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

Mountain weather today: variable cloud, shifting visibility. Intermittent snow showers and fogbanks along the Northern Limestone Alps and in the Lechtal and Allgäu Alps. In inneralpine regions, windows of sunshine and cloud will alternate, visibility remain adequate, if unstable, in general. On the southern flank of the Alps, the Ortler and Sarntal regions will get more sunshine than the overcast Dolomites and Carnic Alps. In general it will remain very cold. Temperature at 2000m, -11 degrees; at 3000m, -18 degrees. Moderate westerly winds, blowing at strong velocity at high altitudes of the Northern Limestone Alps.

#### SHORT TERM DEVELOPMENT

New snowdrift will form at high altitudes

Patrick Nairz

Translated by Jeffrey McCabe