












Regional Avalanche Danger Levels in alpine areas from 19.03.2017 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots
	 old snow	 2000m  esp. shady slopes
	 wet snow	 2300m  rainfall
<p><b>General Level</b> Tirol</p> 	<p><b>Tendency</b> tomorrow</p>  constant	

**DANGER PATTERNS (DP):** [dp.1 - deep persistent weak layer](#) [dp.3 - rain](#) [dp.6 - loose snow and wind](#)

### Critical avalanche situation, considerable danger for backcountry skiers

#### AVALANCHE DANGER

Unfavourable conditions prevail today, the general danger level is "Considerable". Depending on altitude and region, caution towards various avalanche problems is urged. Below 2300m the snow is now thoroughly wet from the rainfall. The snowpack has thus been significantly weakened. In extremely steep terrain, skiers can easily trigger wet-snow avalanches, as of 2000m on very steep shady slopes even slab avalanches can be triggered. In the course of the day, the anticipated solar radiation could bring about naturally triggered avalanches on very steep ridgeline slopes above 2600m. A further problem is the snow fundament at ground-level. On very steep, shady slopes at 2000-2400m the warmth makes it likely that a single skier will trigger a slab avalanche even by his own weight. With ascending altitude the likelihood of triggering tends to diminish, but large additional loading could still trigger a release. In addition, in the regions where snowfall has been heaviest beginning at about 2600m, the freshly formed drifts, particularly on very steep ridgeline slopes in all aspects, require a high degree of caution.

#### SNOW LAYERING

Over the last 24 hours a warm front has brought some precipitation, below about 2000-2200m mostly as rain, above that altitude as snow. Most of the snow fell in the Silvretta, Arlberg and Northern Alps, about 50 cm. In the Zillertal and Kitzbühel Alps and the East Tirolean Tauern there was about 20-30 cm of new fallen snow registered; in the remaining regions, about 20 cm; the southern part of East Tirol remained dry. The combination of warmth and rain deteriorates the snowpack noticeably, including ground-level layers, particularly up to 2400m on shady slopes. We observe a higher likelihood of the snowpack triggering in these zones, particularly in inneralpine regions and along the Main Alpine Ridge, as well as in East Tirol.

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

Initially the northern flank of the Alps and Tauern will be overcast and rainy, with snowfall above 1500-2000m. During the morning the precipitation will taper off from west to east, subsequently the fog will recede and the clouds begin to disperse. Sunshine will be sparse, the greatest chances are in central North Tirol. This afternoon, showers from place to place with the exceptions of the far eastern and far western regions. At 2000m: 0 to +5 degrees; at 3000m: -6 to -3 degrees. Brisk NW winds, reaching storm strength in high alpine regions.

#### SHORT TERM DEVELOPMENT

The thoroughly wet snowpack is becoming increasingly influential.

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Translated by Jeffrey McCabe