



Regional Avalanche Danger Levels in alpine areas from 10.03.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	<p>new snow</p>	<p>critical amt of snowfall</p>
	<p>drifting snow</p>	<p>fresh, trigger-sensitive</p>
<p>General Level Tirol</p>	<p>Tendency tomorrow</p> <p>constant</p>	

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.9 - graupel blanketed with snow](#)

Tense avalanche situation, high danger over widespread areas

AVALANCHE DANGER

The avalanche situation in Tirol remains highly tense, the danger above 2000m is high. Fresh and older snowdrift accumulations remain prone to triggering, can be released as an avalanche even by the weight of one sole skier. In regions where the old-snow problem prevails, avalanches can fracture down to deeper layers inside the snowpack and grow to large size. Exposed transportation routes are at risk. Avalanche prone locations are found on steep slopes, in ridgeline terrain, both their size and frequency increasing with ascending altitude. Loose-snow and slab avalanches can trigger naturally today and can be expected. This problem will intensify as solar radiation sets in. Particularly on sun-drenched slopes, increasingly frequent naturally triggered avalanches can be expected. Skiing and freeriding tours in outlying terrain currently demand a great deal of experience, the touring possibilities are currently very limited.

SNOW LAYERING

Over the last 24 hours in the Silvretta, Arlberg/Ausserfern, along the Northern Alps, in the Northern Tirolean lowlands and on the Zillertal and Tauern Ridges, there has been 50-70 cm of new fallen snow, in the remaining regions of North Tirol and central East Tirol generally 30-40 cm. Thus, there has been over the last three days up to a meter of fresh fallen snow registered, sometimes more. The snowfall was accompanied by strong-to-stormy W/NW winds, thus transporting the snow massively. The deep, newly formed snowdrift accumulations of recent days are inadequately bonded with the snowpack surface, thus, are prone to triggering. Particularly in the inneralpine touring regions and along the Main Alpine Ridge, the snowpack is poorly structured and weak; the avalanches which release can fracture down to more deeply embedded layers.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: From the Achensee over the Kitzbühel Alps to the East Tirolean Tauern Ridge, dense cloud and fog will be tenacious, snow showers down to 1000-1300m well into the afternoon. Further west the showers will come to a close, the sun make itself felt in western and southern regions. Winds will be bothersome, particularly on the Main Alpine Ridge and in high alpine regions, and temperatures will drop. At 2000m: -4 degrees; at 3000m: -12 degrees. Stormy northerly winds in high alpine regions.

SHORT TERM DEVELOPMENT

Avalanche danger will diminish only very slowly - situation off-piste is treacherous

Rudi Mair

Translated by Jeffrey McCabe