



Regional Avalanche Danger Levels in alpine areas from 09.04.2016 07:30 All-Day		WHAT? problem	WHERE? danger spots
		<p>drifting snow</p>	<p>2600m fresh, small</p>
		<p>persistent weak layer</p>	<p>2600m covered graupel</p>
		<p>General Level Tirol</p> <p>Tendency tomorrow</p> <p>constant</p>	

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.9 - graupel blanketed with snow](#) [dp.2 - gliding snow](#)

Moderate danger widespread, regionally considerable danger above 2600m

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is moderate over widespread areas. In those regions where recent snowfall has been heaviest, also considerable (above 2600m, see map). More than anything else it is the small-sized snowdrift accumulations which are prone to triggering, sometimes even by minimum additional loading. Avalanche prone locations are found in ridgeline terrain and steep slopes in all aspects above 2600m. Frequency and size of danger zones increase with ascending altitude. As temperatures dropped, the hazards of wet-snow avalanches have receded somewhat. Below 2000m today, isolated spontaneous wet, loose-snow avalanches are possible today; on steep, grass-covered slopes caution towards gliding avalanches.

SNOW LAYERING

Over the last 24 hours along the Main Ridge of the Stubai and Zillertal Alps, in North Tirol's lowlands, on the East Tirolean Tauern Ridge and in central East Tirol, there has been 20-30 cm of new fallen snow registered. In the remaining regions of North Tirol, 5-10 cm. The snowfall level dropped from 1200m down to 800m. Thus, over the last two days there has been 30-50 cm of fresh fallen snow registered in the northern and southern Stubai, Zillertal and Tux Alps, as well as in the East Tirolean Tauern Ridge and in central East Tirol; in the remaining parts of North Tirol, generally 10-20 cm. Winds shifted to NE and were mostly above transport strength: particularly on Friday, graupel was observed in many regions, which is forming an especially weak layer inside the snowpack. New fallen and newly drifted snow of the last few days now cover a snowpack which is thoroughly wet up to 2400m on shady slopes, up to 3000m on sunny slopes. Bonding of snowdrift to the moist old snowpack surface is quite good up to intermediate altitudes, then deteriorates with ascending altitude, due to graupel.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a low over eastern Europe is pushing moist, cool air masses towards the Alps. Tomorrow, Sunday, a high will move in from the southwest. Next week will be influenced by a mild SW air current. Mountain weather today: the peaks continue to be hidden in fog, intermittent light snowfall interspersed with dry phases and small windows of sunshine this afternoon (particularly between Main Alpine Ridge of the Upper Inn Valley and the Ortler). Temperature at 2000m, -4 to -2 degrees (in southern regions -2 to +1 degree); at 3000m, -5 degrees. Generally light winds from varying directions.

SHORT TERM DEVELOPMENT

Solar radiation and rising temperatures will usher us back to dependence on a daytime danger cycle.

Rudi Mair

Translated by Jeffrey McCabe