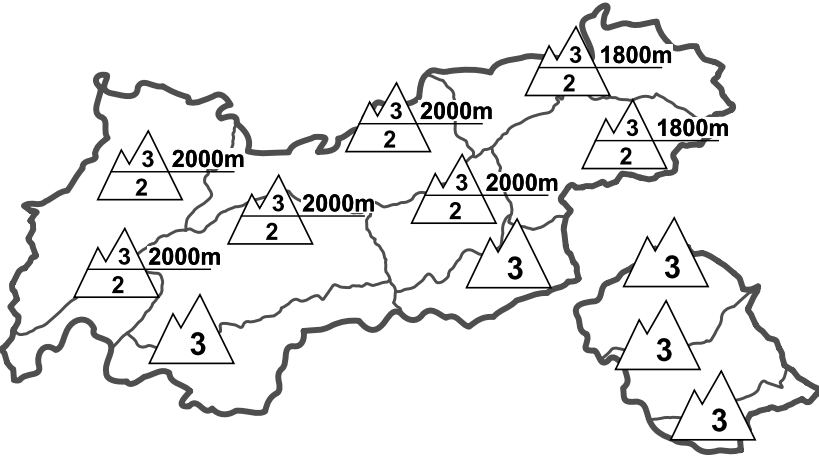

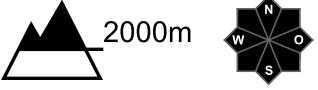
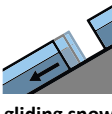
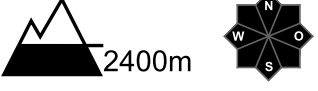






Regional Avalanche Danger Levels in alpine areas from 10.01.2018 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2000m fresh, trigger-sensitive
	 gliding snow	 2400m on steep, grassy slopes
	General Level Tirol 	Tendency tomorrow  constant

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

Treacherous avalanche situation widespread, considerable danger

AVALANCHE DANGER

Avalanche danger in Tirol is slowly diminishing. However it is still considerable over widespread areas, in East Tirol at the upper notch of this danger level. The main hazard stems from the wide ranging snowdrift accumulations of the last few days. They are prone to triggering and can release even from minimum additional loading, in other words, the weight of one sole skier. Particularly in East Tirol, the avalanches which release can fracture down to more deeply embedded layers of the snowpack and grow to larger size. Avalanche prone locations are found on steep slopes in all aspects above 2000 m. Below about 2400 m, due to the snowpack being thoroughly wet, gliding avalanches can trigger naturally; also wet-snow avalanches can still be expected (solar radiation + daytime warming).

SNOW LAYERING

In the last 24 hours there has been 50-70 cm of fresh snow registered in East Tirol. Along the Main Alpine Ridge there was mostly 30-50 cm; further north, significantly less. The snowfall level was 1500 m, from place to place higher. In the Lowlands of North Tirol, most of the precipitation fell as rain. High altitude southerly winds were strong to stormy, thereby generating massive snow transport and fresh snowdrift accumulations. The bonding of the drifts to the generally loose old snowpack surface is poor, thus heightening trigger-sensitivity. At low and intermediate altitudes the snowpack is quite wet for the most part. As temperatures slowly recede it will stabilise somewhat this morning, but subsequently lose much of its firmness over the course of the day again.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. Central Europe lies in the path of a low pressure gully extending from the British Isles to the Mediterranean Sea. Cold, often moist air masses are flowing our way. Mountain weather today: generally tranquil conditions on both sides of the Main Ridge, wind is no longer a major factor, also the precipitation has passed. Despite high altitude clouds it will be sunny, the visibility good. Colder than in the last few days. Temperature at 2000 m: -2 degrees; at 3000 m: -8 degrees. Light to moderate SE winds.

SHORT TERM DEVELOPMENT

Avalanche danger is diminishing.

Rudi Mair

Translated by Jeffrey McCabe