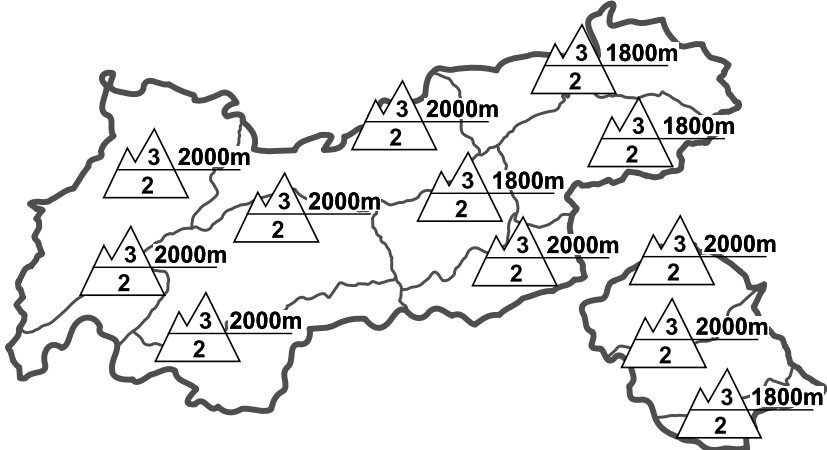








Regional Avalanche Danger Levels in alpine areas from 11.03.2018 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2000m fresh, trigger-sensitive
	General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#)

Increasing avalanche danger due to fresh snow and wind

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions has increased, in general it is considerable. The main danger stems from freshly generated, and still forming snowdrift accumulations. These drifted masses can be triggered as avalanches even by minimum additional loading, i.e. the weight of one sole freerider or skier. Avalanche prone locations are found on steep slopes and in ridgeline terrain in all aspects above 2000 m. Number and size of danger zones tend to increase with ascending altitude. At low and intermediate altitudes, isolated loose-snow and gliding avalanches can trigger naturally, require special caution.

SNOW LAYERING

Strong to storm-strength southerly winds are once again transporting the snow. Snowdrifts are accumulating ever anew, being deposited on top of loosely-packed fresh snow, on shady slopes atop layers of faceted, loose crystals. On sunny slopes, layers of faceted crystals are often found beneath thin crusts. Overall, the proneness to the snowdrifts triggering is high. The old snowpack beneath it all has settled well and is stable. No fractures have been registered in these more deeply embedded layers of the snowpack for weeks. Avalanche triggerings apply predominantly to the uppermost layers of the snow cover, and the avalanches are generally small to medium-sized.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. At the forefront of a low over the Bay of Biscay, strong-velocity southerly foehn winds are bringing very mild air masses to the Alps. Tonight a cold front will terminate this wind in North Tirol. At the beginning of the new week, brisk westerly winds will sink temperatures somewhat. Mountain weather today. Stormy foehn winds on the northern flank of the Alps will maintain dry weather apart from the Main Alpine Ridge. High altitude clouds will make the skies gray, the light diffuse. In southern regions, dense cloud will accumulate at the Alpine barrier, rain and snow will be the upshot. This evening, initial rain or snow showers will set in from the Arlberg to the Lechtal Alps (snowfall level at 2000 m). At 2000 m: +3 degrees; at 3000 m: 0 degrees. Strong southerly winds, storm-strength in the Tux Alps and in high alpine regions in general.

SHORT TERM DEVELOPMENT

Avalanche danger will diminish only very gradually.

Rudi Mair

Translated by Jeffrey McCabe