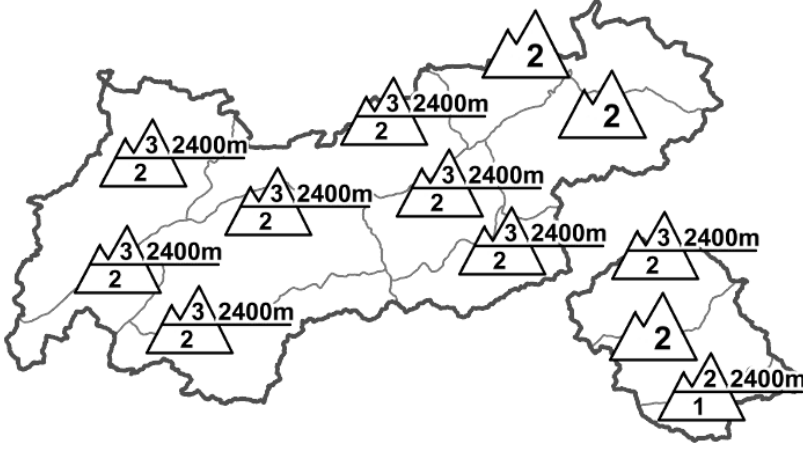












Regional Avalanche Danger Levels in alpine areas from 20.04.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2400m  fresh, trigger-sensitive
	 wet snow	 2400m  daytime warmth, radiation
	General Level Tirol 	Tendency tomorrow  decreasing

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.10 - springtime szenario](#) [dp.1 - deep persistent weak layer](#)

Considerable avalanche danger regionally

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is gradually diminishing, from region to region it is still considerable. New fallen and newly drifted snow from the most recent bout of precipitation is still prone to triggering, can often release even by minimum additional loading, i.e. the weight of one single skier or freerider. Avalanche prone locations are found on steep, shady slopes, in ridgeline terrain, and in drifted gullies and bowls in all aspects above 2400m. Frequency and spread of the danger zones increase with ascending altitude. As of late morning, some loss of firmness in the snowpack will be seen below 2400m; thus, increasingly frequent wet slides and wet-snow avalanches can be expected, particularly on E-S-W facing slopes.

SNOW LAYERING

Over the last 24 hours there has been only a small amount of additional snowfall in North Tirol. High altitude NE winds were blowing at moderate to strong velocity, thus transporting the fresh fallen snow. The deep masses of snow and snowdrifts of the last few days are settling and consolidating only slowly due to the persistently low temperatures. The snowdrift accumulations in particular are brittle and prone to triggering. At low and intermediate altitudes the snowpack loses its firmness during the course of the day through solar radiation and daytime warming.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a low over the Balkan peninsula is weakening, withdrawing towards the east. In its wake, a high is spreading from the northwest over central Europe. We are still caught in the grip of a cold NE air current, but the air is becoming drier. Along the northern Limestone Alps, in the Zillertal Alps and in the Tauern, clouds and fogbanks are persistent, still bringing light shower activity. In the western sector of the Main Alpine Ridge there is more sunshine, but also some residual cloud, which could disperse during the day. It is still cold in the mountains: at 2000m, -8 degrees; at 3000m, -17 degrees. Moderate N/NE winds, blowing at higher velocity in the mountains of East Tirol.

SHORT TERM DEVELOPMENT

Daytime rise in avalanche danger

Rudi Mair

Translated by Jeffrey McCabe