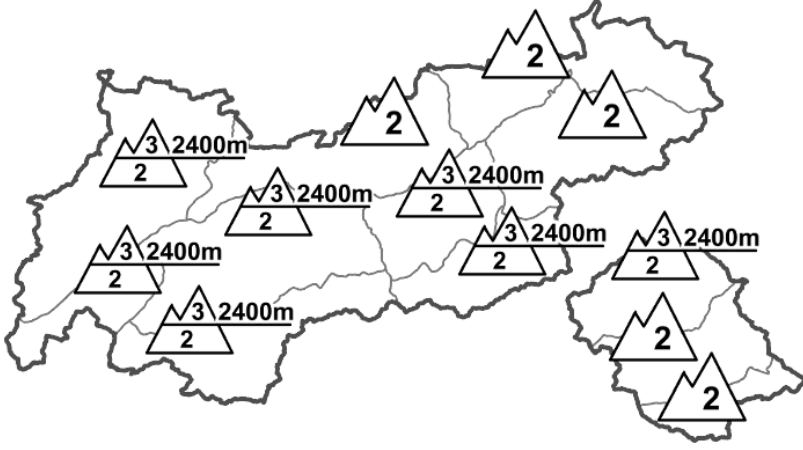

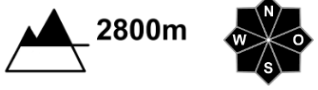








Regional Avalanche Danger Levels in alpine areas from 24.04.2016 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 drifting snow	 2800m fresh, trigger-sensitive
		 new snow	 2800m critical mass of snowfall
General Level Tirol 		Tendency tomorrow  constant	

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.4 - cold following warm / warm following cold](#)

Snowfall+wind: heightened avalanche danger in high alpine regions

AVALANCHE DANGER

Conditions in Tirol's backcountry touring regions are becoming increasingly wintery. Danger is moderate over widespread areas, but from region to region also considerable (see map). More than anything else the new fallen snow and freshly formed snowdrift accumulations can in places be triggered as avalanches even by minimum additional loading. Avalanche prone locations are found on steep slopes and in ridgeline terrain in all aspects, mainly above 2800m. Frequency and spread of danger zones increase with ascending altitude as well as over the course of the day. In steep starting zones, furthermore, isolated naturally triggered superficial loose-snow avalanches require special caution. The danger of wet-snow avalanches has significantly receded as temperatures dropped.

SNOW LAYERING

Last night there was 20-30 cm of fresh fallen snow registered along the Stubai and Zillertal Main Ridge; in Arlberg/Ausserfern and along the Northern Alps, 10-20 cm; in the other parts of North and East Tirol, usually less. The snowfall level dropped from 2000m down to nearly 1000m during the night. High altitude NW winds were moderate, but there were strong gusts, transporting the fresh snow in high alpine regions in particular. Both new fallen and newly drifted snow are bonding well with the moistened snowpack surface. However, caution is urged towards the fact that inside the fresh snow, weak layers could form which might serve as bed surfaces for avalanches.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: in the grips of a wide ranging low which stretches from northern Europe to southern regions, the Alps are receiving masses of moderately moist, quite cold air from the Arctic, bringing heavy showers. This weather system and the cold April weather will persist until the middle of next week. Mountain weather today: icy cold showers repeatedly forming in the cold air in the mountains of North Tirol, but not bringing great amounts of snow. Visibility deteriorating rapidly, and gusty winds will whip the shower activity further. More sunshine and icy cold northerly winds between Carnic Alps, Dolomites and Sarntal Alps. Temperature at 2000m, -8 degrees; at 3000m, -14 degrees. Moderate NW winds at high altitudes, gusty in places.

SHORT TERM DEVELOPMENT

More snowfall will make the unfavourable scenario continue.

Rudi Mair

Translated by Jeffrey McCabe