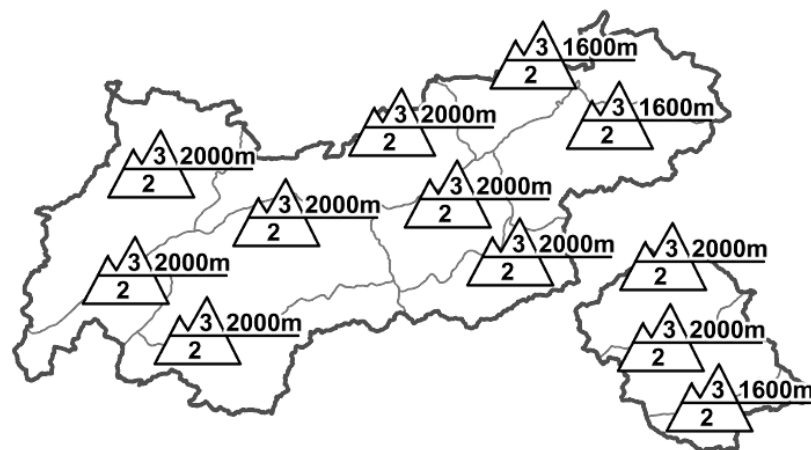












Regional Avalanche Danger Levels in alpine areas from 07.03.2016 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 drifting snow	 2000m  esp. ridgeline terrain
		 persistent weak layer	 2000m  esp. inneralpine
		General Level Tirol 	Tendency tomorrow  constant

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

Considerable avalanche danger widespread above 2000m

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is considerable widespread above 2000m. Particularly the snowdrift accumulations from last weekend are prone to triggering, can be released even by minimum additional loading. Avalanche prone locations are found in ridgeline terrain in all aspects; on shady, steep slopes; in gullies and bowls. More than anywhere else along the Main Alpine Ridge and in the inneralpine backcountry touring regions, avalanches can fracture down into the old snowpack and grow to far larger size. Size and spread of the danger zones increase with ascending altitude. Since these spots have now been blanketed over with new fallen snow, they are difficult to recognize.

SNOW LAYERING

Over the last 24 hours there has been 5-10 cm of fresh fallen snow in North and East Tirol, along the Tauern Ridge 15 cm. High altitude W/SW winds were generally light to moderate; thus, only on high alpine ridges was there significant snow transport. The latest round of new fallen and newly drifted snow was deposited atop a loosely-packed snow base. Bonding is still weak, the proneness to triggering is thus quite high. Particularly in the inneralpine backcountry touring regions, the weak layering of the old snowpack threatens: the fundament is riddled with loose, unbonded, faceted snow crystals.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Tirol lies in the path of a low which stretches from Scandinavia to North Africa which is pushing cold-moist air masses its way from the Arctic. Particularly southern regions will receive another mass of moist air on Tuesday. Around mid-week, the air will become drier. Mountain weather today: wintery cold, limited visibility from far reaching cloud. Visibility possibly better in the Lechtal Alps, Arlberg region and western sector of the Main Ridge as far as the Ortler. Snowfall by Tuesday morning between Dolomites and Carnic Alps and Zillertal Alpe (10-20 cm). Temperature at 2000m, -9 degrees; at 3000, -17 degrees. Light southerly winds.

SHORT TERM DEVELOPMENT

Considerable danger widespread

Rudi Mair

Translated by Jeffrey McCabe