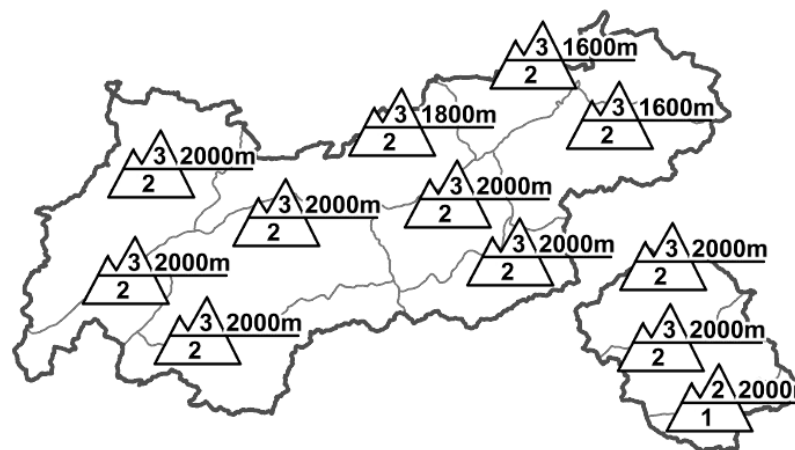










Regional Avalanche Danger Levels in alpine areas from 09.01.2017 07:30 All-Day		WHAT? problem	WHERE? danger spots
	 drifting snow	 1800m increasing with altitude	
	 persistent weak layer	 2000m esp. shady slopes	
	General Level Tirol 	Tendency tomorrow  constant	

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

Considerable avalanche danger widespread above the treeline

AVALANCHE DANGER

The avalanche situation in Tirol remains treacherous, danger above the treeline is considerable widespread. The major peril lies in the oncoming newly forming snowdrift accumulations. Due to persistent low temperatures, the drifts are brittle and thus, easy to trigger. Caution: snowdrift accumulations are frequently blanketed over by fresh fallen snow, making them very difficult to recognize. Avalanche prone locations occur near ridgelines, in drifted gullies and bowls, as well as on steep, shady slopes above about 2000m. Frequency and spread of danger zones increase with ascending altitude.

SNOW LAYERING

Over the last 24 hours there has been 10-20 cm of snowfall in the eastern regions of North Tirol and on the East Tirolean Ridge; in the eastern sector of the Northern Alps as much as 30 cm. In western regions of North Tirol, generally about 5-10 cm of snow fell; southern East Tirol was without precipitation. High altitude northerly winds were above transport velocity, thus new drifts were accumulated. These were often deposited on top of loosely-packed new fallen snow, which makes them prone to triggering. Also requiring caution is a weak layer near the ground of faceted-crystal snow. This layer occurs on shady slopes above 2000m, in other aspects above 2400m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: The low which brought winter to Tirol has withdrawn to the east. A weak intermediate high temporarily dominates. On Tuesday, a weak perturbation will brush by, subsequently a W/NW air current will bring further precipitation. Mountain weather today: high fog at about 1800m and residual cloud will gradually recede throughout the morning. Above that altitude it is sunny. This afternoon, clouds only in the eastern ranges and in East Tirol. Temperature at 2000m, -10 to -6 degrees; at 3000m, -10 degrees. Moderate northerly winds at high altitude, brisker in ridgeline terrain.

SHORT TERM DEVELOPMENT

Considerable avalanche danger will persist

Rudi Mair

Translated by Jeffrey McCabe