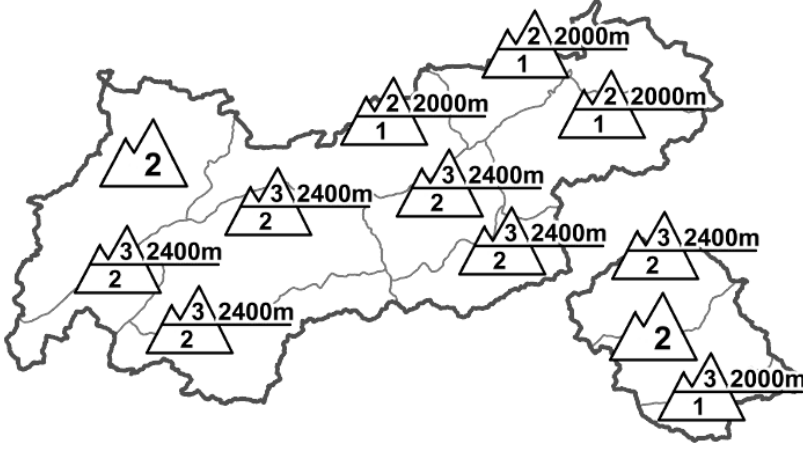



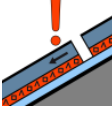








Regional Avalanche Danger Levels in alpine areas from 12.02.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2400m  fresh, trigger-sensitive
	 old snow	 2200m  esp. shady slopes
	General Level Tirol 	Tendency tomorrow  constant

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

Danger mostly moderate, regionally considerable

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is predominantly moderate. Fresh snowdrifts in some regions cause considerable danger above 2400m. The drifts are usually small-sized, but are poorly bonded with the old snowpack surface, thus can usually trigger even by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found on steep slopes and near ridgelines above 2400m, particularly on W-N-E slopes. On steep, sun-drenched slopes, isolated loose-snow avalanches are likely to trigger naturally.

SNOW LAYERING

As a result of strong S/SW winds snow was once again transported at high altitudes, fresh and older snowdrift accumulations now frequently lie on top of an old snowpack surface which is loose, making it prone to triggering. In addition, the old snow problem in inner alpine regions and along the Main Alpine Ridge still lurks invisibly: ground-level layers are composed of faceted-crystal snow; thus, if avalanches trigger they can fracture deeply and then grow to dangerously large size.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: at the forefront of a low over the eastern Atlantic, the Alps lie in a foehn-influenced SW air current which is bringing masses of mild air to Tirol. Until beyond mid-week we will have high-pressure front conditions. Mountain weather today: Sunday will be the transitional day to brilliant sunny weather. On both sides of the Main Alpine Ridge it will remain dry and pleasant. High altitude clouds will create somewhat diffuse light conditions. On the southern flank of the Alps, high fog will persist for awhile (borderline at 1500m) but it will then disperse, except for a bit of residual cloud. Temperature at 2000m: 0 degrees; at 3000m: -5 degrees. Mostly moderate to brisk winds, on the Main Alpine Ridge from the south.

SHORT TERM DEVELOPMENT

Avalanche danger will slowly recede.

Rudi Mair

Translated by Jeffrey McCabe