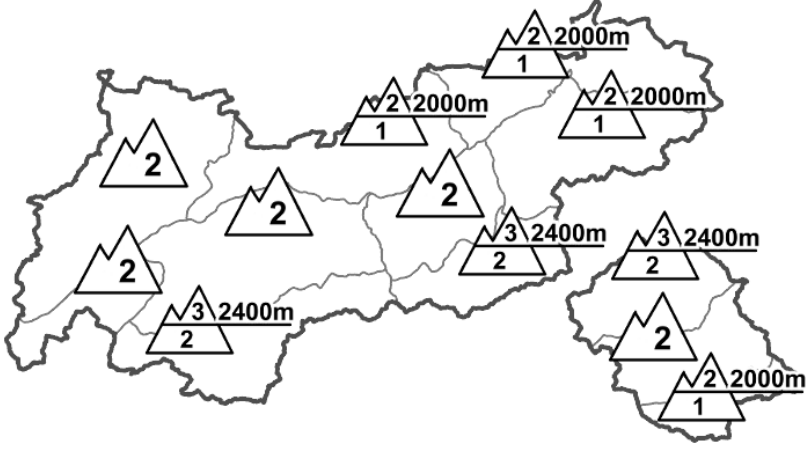










Regional Avalanche Danger Levels in alpine areas from 10.02.2017 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 old snow	 2400m esp. shady slopes
	 drifting snow	 2400m with ascending altitude
	General Level Tirol 	Tendency tomorrow  constant

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

Mostly moderate danger, regionally considerable danger

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is generally moderate; along the Main Alpine Ridge it is still considerable above 2400 m. Avalanches can fracture in superficial layers, sweep along the snowpack down to deeply embedded layers and subsequently grow to dangerously large size. Avalanche prone locations occur on steep, shady slopes and in ridgeline terrain above 2400m. Caution urged also in transitions from deep to shallow snow. In the classic foehn lanes, the avalanche danger will increase today as the result of fresh snowdrifts.

SNOW LAYERING

On steep, sunny slopes the snowpack surface often has a thin melt-freeze crust; on shady slopes often a wind crust. Beneath these crusts the snow is usually loosely-packed, thus the uppermost layers can easily be triggered. The old snow problem still merits great caution in the inneralpine regions and along the Main Alpine Ridge where there are ground-level layers of unbonded, faceted-crystal snow which serve as a bed surface for avalanches. This problem is most threatening on shady slopes between 2200 and 2800m. Caution: in typical foehn lanes, small but quite trigger-sensitive snowdrift accumulations will form during the course of the day.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: east of a small low centered over northern France, Tirol lies in the path of a southerly air current full of foehn. This evening and during the night, a weak front system will traverse the land. Mountain weather today: On Friday weather conditions will deteriorate during the course of the day. During the morning and north of the Main Alpine Ridge, still good conditions and sunny. Southerly winds will always be present. In the afternoon, cloud cover will move in, some fog and some snowflakes will appear towards evening. In East Tirol and the Dolomites, foggy all day long, light snowfall in the latter part of the day. At 2000m: -4 degrees; at 3000m: -9 degrees. Brisk, sometimes strong southerly winds. Foehn storms in the exposed mountains, up to 90 km/hr.

SHORT TERM DEVELOPMENT

Moderate danger widespread. Fresh snowdrifts in foehn lanes.

Rudi Mair

Translated by Jeffrey McCabe