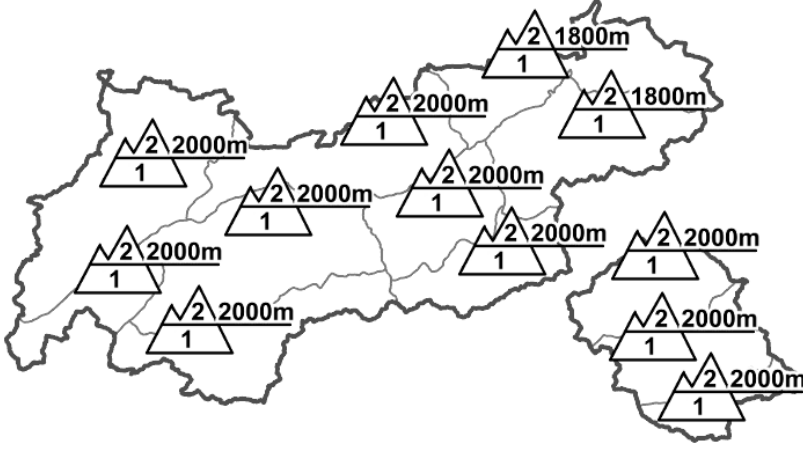

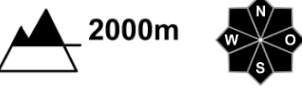








Regional Avalanche Danger Levels in alpine areas from 17.02.2015 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots
	 persistent weak layer	 2000m shady terrain
	 gliding snow	 2400m grassy slopes
	<b>General Level</b> Tirol 	<b>Tendency</b> tomorrow  constant

**DANGER PATTERNS (DP):** [dp.1](#) - deep persistent weak layer [dp.7](#) - snow-poor zones in snow-rich surrounding [dp.2](#) - gliding snow

### Moderate danger above 2000m

#### AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is low in general below approximately 2000m, moderate above that altitude. Avalanche prone locations where dry slab avalanches can threaten are found primarily at altitudes between approximately 2000 and 2600m. In this zone, particularly in unfrequented terrain and, especially, in transitions from shallow to deep snow, special caution is urged. Trigger-sensitive snowdrift accumulations are found in high alpine, shady terrain along the Main Alpine Ridge. The perils of avalanches tend to increase somewhat as of midday below about 2400m due to solar radiation and daytime warming. Caution is urged towards gliding avalanches on steep, grass-covered slopes.

#### SNOW LAYERING

The snowpack surface is highly varied and irregular: melt-freeze, breakable crusts or wind-hardened crusts alternate with fluffy powder snow in shady, protected terrain. On steep, sun-drenched slopes the surface snow will again transform to firn over the course of the day. The tensions inside the snowpack are being dissipated by the tranquil, sunny weather. Above approximately 2000m, however, weak layers embedded inside the snow cover still lurk: loose, faceted crystals interspersed between hardened crusts which provide bed surfaces for potential avalanche fractures.

#### ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a high over the Atlantic is meeting up with a high over Russia. Low pressure fronts are currently swirling over the Mediterranean. On the weekend the high will yield to a weak perturbation and thereafter be replaced by a westerly air current. Mountain weather today: sunshine reigns. A few clouds will pass through from the west providing a bit of shade; in other regions skies will be cloudless for the most part. Temperature at 2000m, -4 to -1 degree; at 3000m, between -10 and -7 degrees. Generally light winds.

#### SHORT TERM DEVELOPMENT

Increasingly springlike conditions

Rudi Mair

Translated by Jeffrey McCabe