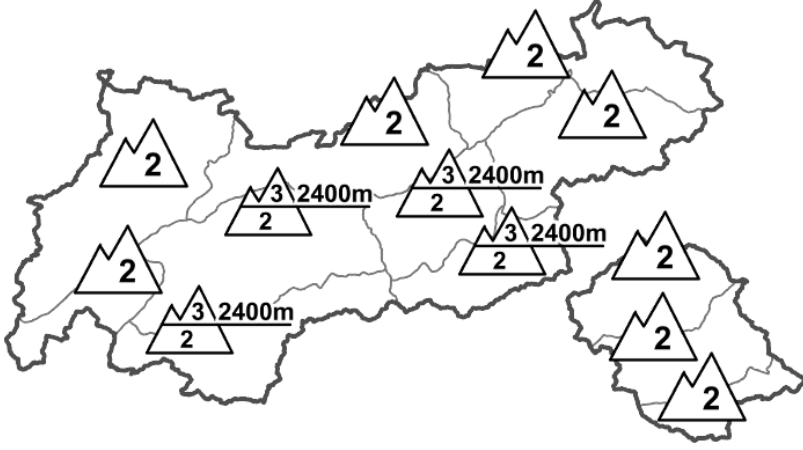










Regional Avalanche Danger Levels in alpine areas from 12.03.2016 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots
	 drifting snow	 2400m esp. near ridgelines
	 persistent weak layer	 2400m esp. inneralpine
<b>General Level</b> Tirol 		<b>Tendency</b> tomorrow  constant

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.10 - springtime szenario](#)

## Moderate danger widespread

### AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is moderate over widespread areas. In the inneralpine touring regions and along the Main Alpine Ridge, danger above 2400m is considerable in some places. More than anything else the freshly formed, relatively small snowdrift accumulations are prone to triggering and can release, particularly with large additional loading. In the regions where the snowpack has unfavourable layering (inneralpine, Main Ridge) avalanches which release can in isolated cases fracture down to more deeply embedded layers of the snowpack and grow to larger size. Avalanche prone locations are found above 2400m in ridgeline terrain in all aspects; on shady, steep slopes; and in transitions from deep to shallow snow. As of late morning on sun-drenched slopes below 2600m, moist sluffs and loose-snow avalanches can release spontaneously; in East Tirol, gliding avalanches are possible.

### SNOW LAYERING

High altitude E/NE winds were brisk yesterday, then tapered off to moderate, creating fresh, small snowdrift accumulations anew, particularly in high alpine regions, which are quite prone to triggering. Older snowdrift accumulations have stabilised under the influence of daytime warmth and solar radiation. Especially in the inneralpine touring regions and along the Main Alpine Ridge, however, the weak structure of the snowpack threatens: the fundament is often riddled with faceted snow crystals. During the course of the day, the snow cover above the high fog tends to lose its firmness as a result of heightened temperatures and solar radiation.

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

Weather: Tirol still lies wedged between a high over Scandinavia and a low over southern Italy, in the path of an easterly air current. The lowermost layers of this airstream are bringing moist air masses to Tirol. At the beginning of next week, the high will gain the upper hand. Mountain weather today: above 2100m, sunshine all day long, in western regions the skies will be cloudless. Residual fog will be tenacious but thin out as the day unfolds. In the Southern Alps, no fog, only a few summit-level clouds. Temperature at 2000m, -4 degrees; at 3000m, -8 degrees. Light to moderate NE/E winds.

### SHORT TERM DEVELOPMENT

Moderate danger widespread

Rudi Mair

Translated by Jeffrey McCabe