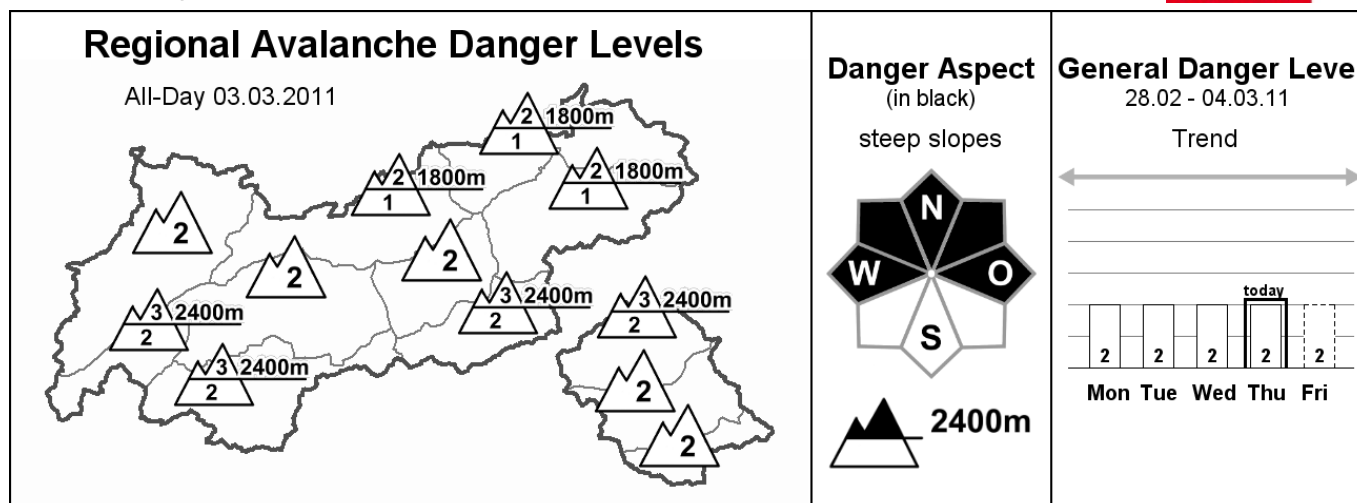


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Thursday, 03.03.2011, at 07:30



**Predominantly moderate danger, along Main Alpine Ridge considerable danger in some places**

### AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions is predominantly moderate, nonetheless some regions along the Main Alpine Ridge still manifest considerable danger. The major peril stems from older and freshly formed snowdrift accumulations. They are still prone to triggering in many regions and can be triggered as avalanches with relative ease. Even minimum additional loading is usually sufficient to unleash the snow masses. The avalanche prone locations are to be found mainly on west to north to east facing steep slopes and in ridgeline areas above approximately 2400 m. On intensely sun-drenched slopes, naturally triggered loose snow avalanches and moist sluffs are likely as of the late morning hours.

### SNOW LAYERING

At low and intermediate altitudes, the snowpack has settled and consolidated well, due to the strong influence of solar radiation and the effects of the daytime warming cycle. The snowpack surface often has a thin melt-freeze crust, not capable of bearing loads. In high alpine regions, the new fallen snow blankets over the faceted, loose old snowpack. In addition, brisk to strong easterly winds keep on bringing about new snowdrift accumulations and redistributing them. New fallen snow and snowdrift are often poorly bonded with the old snowpack, making them highly prone to triggering.

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

Weather in general: Tyrol is in a transition zone between a low pressure system over Sardinia and an extended high, extending from the British Isles to the Black Sea. From the Mediterranean, moist air masses are temporarily flowing towards the Alps, affecting mainly South and East Tyrol. Tomorrow, Friday, this low will exhaust itself and the high in northern Europe will regain dominance. Mountain weather today: the summits of the Main Alpine Ridge and, in particular, of the Southern Alps, will be veiled in cloud today, some light snowfall is possible. In the Dolomites, this may bring as much as several centimeters of fresh fallen snow. On the northern flank of the Alps, on the other hand, good visibility and generally sunny. Temperature at 2000 m: minus 4 degrees; at 3000 m: minus 10 degrees. Light to moderate southerly to southeasterly winds, in foehn-exposed areas the winds will be brisk and even reach strong velocity.

### SHORT TERM DEVELOPMENT

Avalanche danger will slowly recede

Rudi Mair

Translated by Jeffrey McCabe