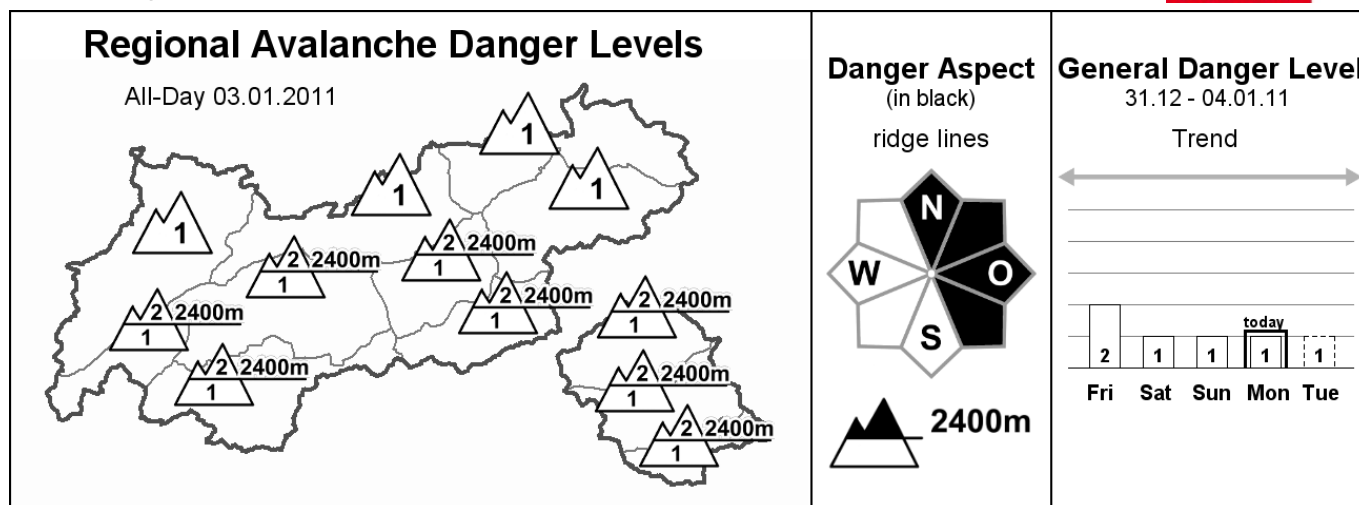


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Monday, 03.01.2011, at 07:30



**Generally favourable backcountry touring conditions, low avalanche danger**

### AVALANCHE DANGER

In Tyrol's backcountry touring regions, predominantly favourable conditions prevail, accompanied by low avalanche danger. Isolated avalanche prone locations are to be found in areas adjacent to ridge lines above approximately 2400 m, particularly in northwestern to northern to southeastern exposition. Freshly formed, relatively small sized snowdrift masses can ordinarily be triggered as avalanches only through large additional loading, i.e. a group of skiers or freeriders entering a slope simultaneously. However, caution is generally required in transition areas from shallow to deep snow.

### SNOW LAYERING

The snow depths in North Tyrol are currently below average, in East Tyrol they are above long term averages. The present weather conditions resembling high winter, with low temperatures, aid the transformation inside the snowpack: crystals become increasingly faceted, losing their bonding to the adjacent crystals, decreasing the stress of the snowpack, which in turn decreases its proneness to triggering. Moderate, in high alpine regions strong northwesterly winds have brought about new, small sized snowdrift accumulations, particularly in areas near ridge lines above approximately 2400 m.

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

Weather: a high over western Europe will increase its dominance over Tyrol today. Low pressure conditions over the Atlantic will bring a milder, and subsequently moister, westerly to southwesterly air current to Tyrol over the course of the week. Mountain weather today: east of the Wilder Kaiser, high-foglike cloud will impede visibility this morning, but following the midday cloud dispersal, and in other regions right from the start, there will be sunshine everywhere in the mountains with excellent visibility. Temperatures are icy cold, though are expected to rise about 4 degrees over the course of the day. Temperature at 2000 m: between minus 13 and minus 10 degrees; at 3000 m: between minus 19 and minus 13 degrees. Relatively light northwesterly winds, at high altitudes winds will blow at moderate velocity.

### SHORT TERM DEVELOPMENT

Unchanged backcountry touring conditions

Rudi Mair

Translated by Jeffrey McCabe