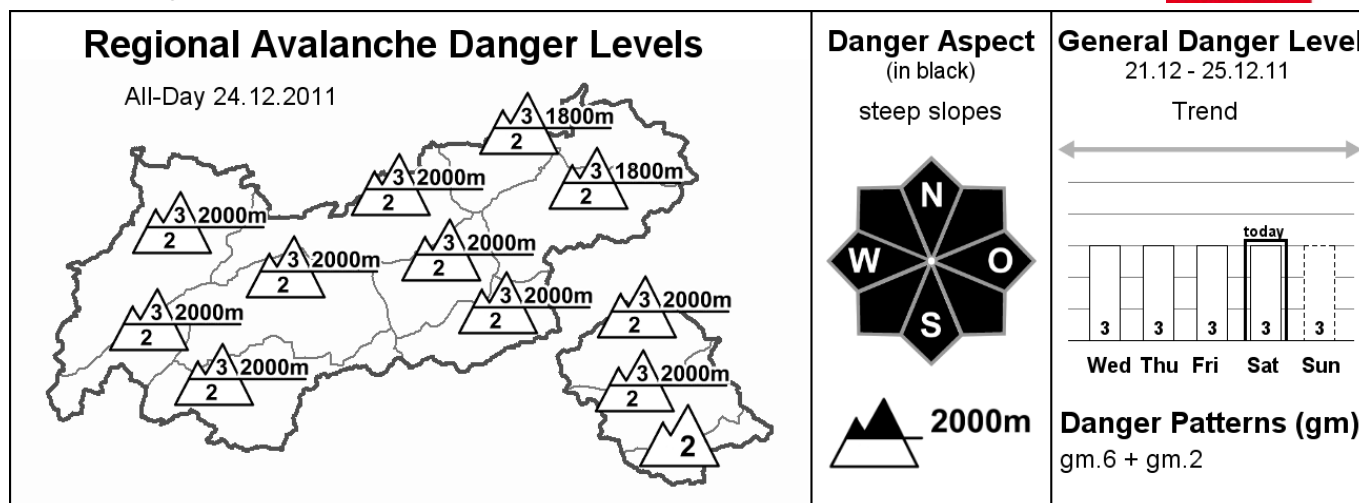


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

### Saturday, 24.12.2011, at 07:30



## Slightly improved avalanche situation, considerable danger widespread

### AVALANCHE DANGER

The avalanche situation in Tirol has improved somewhat, the danger level is now considerable widespread. Avalanche prone locations are to be found on steep slopes in all aspects above approximately 2000 m. Freshly formed snowdrift masses in particular can be triggered by even minimum additional loading, i.e. the weight of one single backcountry skier or freerider. Experience in evaluating avalanche perils is imperative for backcountry skiing and freeriding tours in outlying terrain. Large sized naturally triggered avalanches are no longer expected. Below about 2200 m, particularly on steep, grassy slopes, caution is urged towards naturally triggered full depth snowslides.

### SNOW LAYERING

Rising temperatures and solar radiation brought avalanche activity to its high point yesterday: numerous naturally triggered avalanches of loosely packed snow and full depth snowslides were observed; artificially triggered releases were also successful, generally releasing snow masses with embedded graupel. In the interim, the new fallen snow and snowdrift from the most recent period of precipitation have settled and consolidated; today's temperature drop will also have a beneficial effect on the snowpack. Caution is still urged towards the fact that the fundament frequently consists of unbonded depth hoar, particularly on high alpine, shady slopes. Attention: fresh fallen snow and strong westerly winds will create fresh, small sized snowdrift accumulations again today.

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

Weather in general: a cold front from Switzerland will traverse Tirol today, bringing markedly lower temperatures and precipitation. Following it, the air masses will turn drier and, for the most part, increasingly milder. Mountain weather today: decreasing temperatures in the mountains, plus heavy clouds bearing snowfall in the Northern Alps and on the Main Alpine Ridge. By tomorrow morning, 10 to 20 cm of snowfall is anticipated. Strong winds will be blowing in some places, which will transport the snow. In the Southern Alps, however, only light snow showers are anticipated. Temperature at 2000 m: minus 4 degrees; at 3000 m: minus 10 degrees. Strong, gusty and even stormy westerly to northwesterly winds in some regions.

### SHORT TERM DEVELOPMENT

Avalanche danger continues to recede

Rudi Mair

Translated by Jeffrey McCabe