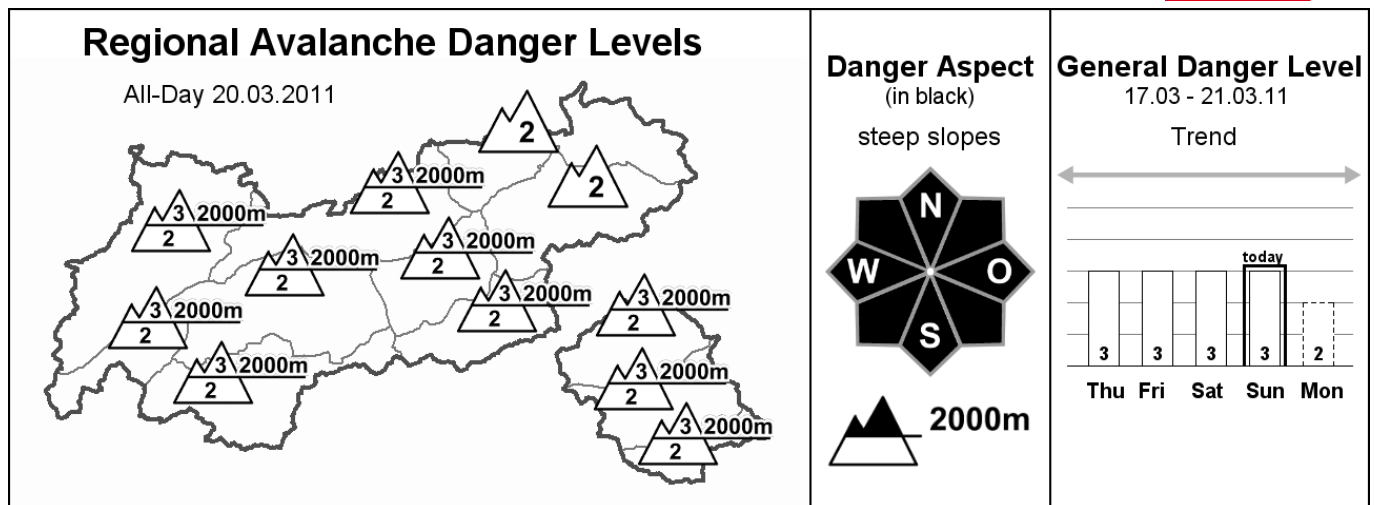


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Sunday, 20.03.2011, at 07:30



### Considerable avalanche danger widespread above 2000 m

#### AVALANCHE DANGER

The avalanche danger level in Tyrol's backcountry touring regions is considerable widespread. Avalanche prone locations are to be found on steep slopes and in areas adjacent to ridge lines in all expositions above approximately 2000 m. The major peril stems from the new fallen snow and snowdrift of the last few days. The freshly formed snowdrift masses in particular are relatively prone to triggering and can be released as avalanches even by minimum additional loading. Especially on shady slopes, avalanches can also fracture down into, and then sweep along, the old snowpack and attain medium size. Below about 2200 m on steep south facing slopes below about 2800 m, increasingly frequent naturally triggered moist sluffs and wet snow avalanches are likely over the course of the day; in isolated cases, they can put exposed transportation routes and hut ascents at risk.

#### SNOW LAYERING

Over the last 24 hours there was only 5 to 10 cm of snowfall in isolated cases. New fallen snow and snowdrift from this phase of precipitation have been deposited on top of a weakly consolidated, and thus, trigger sensitive old snowpack, particularly at altitudes between 2200 and 2800 m. Below about 2200 m, the snowpack is thoroughly wet in most regions, which has brought about a great loss of its firmness.

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

Weather: Tyrol lies at the southern rim of a powerful high pressure system, centered over western and central Europe, in a dry, northeasterly to easterly air current. Over the next few days, the air will become increasingly milder. Mountain weather today: optimum weather for the mountains, sunshine all day long, outstanding visibility in high alpine regions, the freezing level is at about 1400 m, in the Dolomites at 1700 m. Quite windy in some regions. Temperature at 2000 m: minus 6 degrees; at 3000 m: minus 12 degrees. Moderate to brisk easterly to northeasterly winds at high altitudes.

#### SHORT TERM DEVELOPMENT

Increasingly springlike conditions, avalanche danger will rise during the day

Rudi Mair

Translated by Jeffrey McCabe