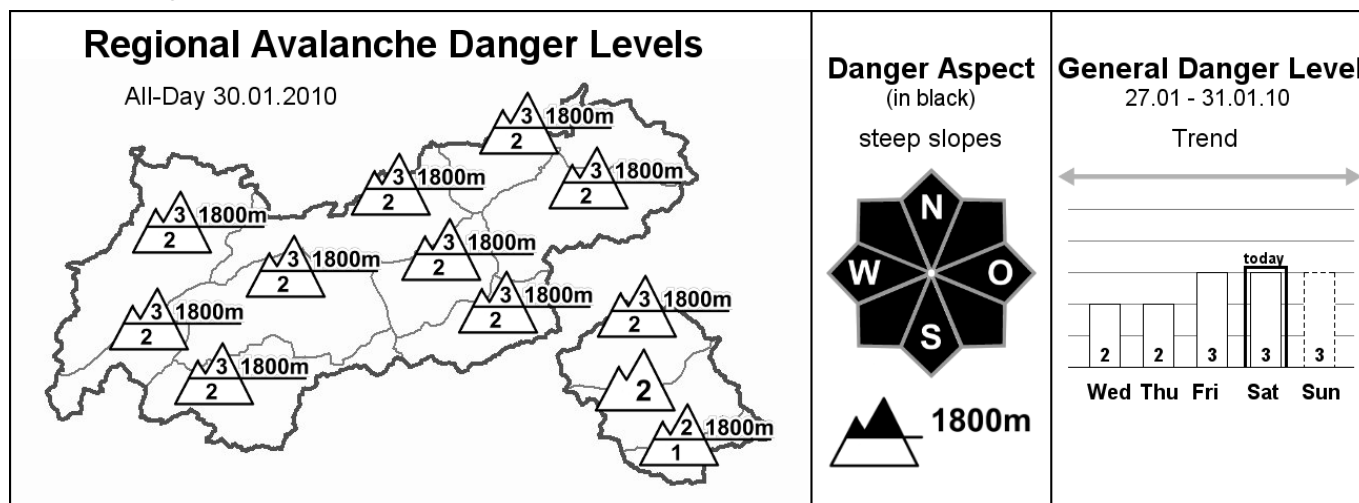


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Saturday, 30.01.2010, at 07:30



### Avalanche danger is considerable widespread above 1800 m

#### AVALANCHE DANGER

The backcountry touring conditions have deteriorated, the avalanche danger above approximately 1800 m is considerable widespread. Avalanche prone locations are to be found on steep slopes and in areas adjacent to ridge lines in all expositions. New fallen snow and snowdrift from the most recent precipitation are trigger sensitive, even minimum additional loading, e.g. the weight of a single skier or freerider, is sufficient to trigger an avalanche. The prevalence and the size of danger zones will increase over the course of the day. In isolated cases, avalanches can also fracture down into the old snowpack and attain larger size. Backcountry skiing and freeriding tours in outlying terrain away from secured ski runs require extensive experience in spotting and assessing avalanche hazards. Caution and restraint are urged when entering steep slopes.

#### SNOW LAYERING

Last night in North Tyrol it began to snow, but maximum 5 to 10 cm of snowfall is anticipated by the end of the day today. Caution is imperative, since the brisk westerly winds which will transport snow masses. The new fallen snow is extremely dry and light, due to the low temperatures, causing it to be transported and re-deposited, forming snowdrift accumulations repeatedly. The bonding of fresh and older snowdrift accumulations with the faceted and loosely packed old snowpack is generally poor. Thus, avalanches can be triggered with relative ease.

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

Weather: with its source in a low pressure complex above Scandinavia, precipitation bringing snow flurries and lower temperatures is passing through. Tyrol will then remain in the zone of cold, polar air masses. Mountain weather today: the peaks are shrouded in clouds and fog, by and large, and intermittent snowfall is anticipated, particularly in the regions Arlberg, Lechtal Alps, Karwendel, Kitzbühel Alps and Tauern. The amount of snowfall will not be great. In the Southern Alps, conditions are slightly more pleasant. Temperatures are expected to drop. Temperature at 2000 m: minus 10 to minus 14 degrees and falling; at 3000 m: minus 17 to minus 21 degrees. Moderate, occasionally brisk westerly winds at high altitudes.

#### SHORT TERM DEVELOPMENT

The avalanche danger will subside only very gradually.

Rudi Mair

Translated by Jeffrey McCabe