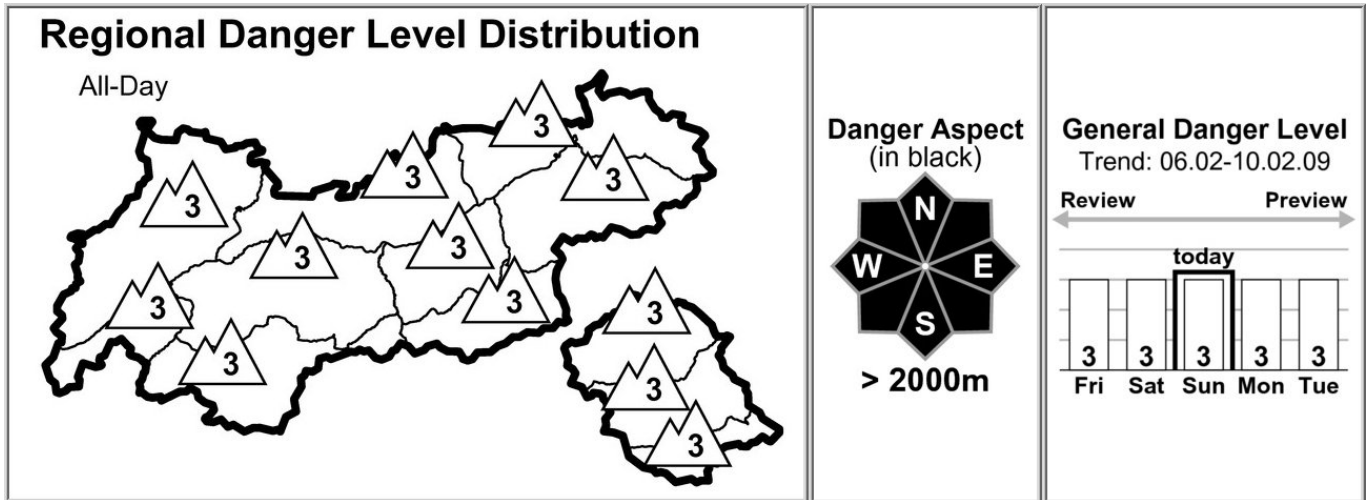


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Sunday, 08.02.2009, at 07:30



## CONSIDERABLE AVALANCHE DANGER WIDESPREAD

### AVALANCHE DANGER

The avalanche danger in Tyrol's touring regions is considerable far and wide. Avalanche prone locations are to be found on steep slopes, snowdrifted gullies and bowls, as well as in terrain adjacent to ridge lines in all aspects above approximately 2000 m. Both the freshly formed and the older snowdrift accumulations are poorly bonded with the old snowpack; thus, avalanches can be triggered even by minimum additional loading, even the weight of a single backcountry skier or freerider is sufficient. Skiing and freeriding tours make experience in the assessment of avalanche hazards imperative. Below about 1800 m, natural wet snow avalanches are possible in isolated cases.

### SNOW LAYERING

Over the last 24 hours in East Tyrol and along the Main Alpine Ridge, there has been 20 to 30 cm of new snow, further to the north somewhat less. Towards evening the southerly winds shifted to northwesterly and were generally blowing at windspeeds above what is required to transport snow. This caused snowdrift accumulations to be formed anew, this time on south facing slopes. Freshly formed and older snowdrift accumulations blanketed a snowpack which is well settled and consolidated, manifesting few internal tensions. Nonetheless, caution is required, since the bonding of new snow and snowdrift to the surface of the old snowpack is often quite inadequate.

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

General weather conditions: a vast low pressure zone extends from the North African coast to Scandinavia. Behind a cold front, very cold maritime air is streaming towards Tyrol from the northwest, whose leeside as a foehn winds will dry out on the southern flank of the Alps. Tomorrow the air current will shift to westerly and supply Tyrol with milder air masses temporarily. Mountain weather today: poor visibility, low temperatures and snowfall will dominate the scene in North Tyrol's mountains today. The most snow is expected in northwestern barrier areas between the Lechtal and the Kitzbühel Alps, where by evening 15 to 25 cm of new snow is expected. Towards the Main Alpine Ridge, the amounts of new snow will be less. On Sunday night, conditions will quiet down measurably. On the southern flank of the Alps, only isolated snow flurries, tomorrow the skies will brighten during the day. Temperature at 2000 m: minus 8 degrees; at 3000 m: minus 14 degrees. Moderate northwesterly winds.

### SHORT TERM DEVELOPMENT

Ongoing considerable avalanche danger widespread.

Rudi Mair

Translated by Jeffrey McCabe