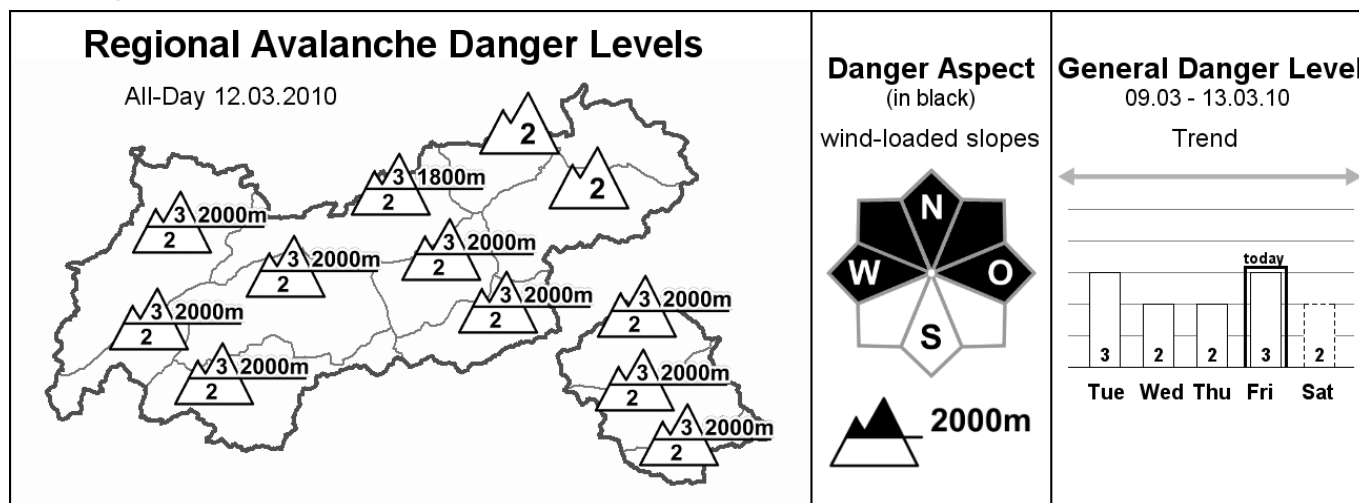


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Friday, 12.03.2010, at 07:30



## Fresh snowdrift & poor snow layering cause considerable avalanche danger widespread

### AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions remains by and large dependent on altitude: below about 2000 m the danger level is moderate, above that altitude it is considerable widespread. Avalanche prone locations are to be found primarily on wind loaded and steep slopes in southwestern to northern to eastern expositions. Freshly formed and older snowdrift accumulations are poorly bonded with the old snowpack and can usually be triggered by minimum additional loading, even by the weight of a single backcountry skier or freerider. Backcountry tours in outlying terrain away from secured ski runs require extensive experience in spotting and evaluating avalanche perils. The situation on heavily frequented, standard backcountry tours is more favourable.

### SNOW LAYERING

Over the last 24 hours there has been a few centimeters of snowfall in North Tyrol. The new fallen snow has not had any significant effect on the avalanche situation, but often covers and conceals older danger zones, making them exceedingly difficult to recognize in open terrain. All in all, the snow layering is unfavourable this winter: on the one hand, both snow depths and snow firmness are highly irregular even across small surface areas. On the other, the fundament of the snowpack consists largely of faceted, unbonded snow crystals. Atop this loosely packed, trigger sensitive base, layers of snowdrift of highly varied depth have been deposited which can still be triggered as avalanches with relative ease.

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

Weather: a northwesterly current is supplying moderately cold, intermittently moist air masses to the northern flank of the Alps. In southern regions, a northerly foehn wind is blowing. Temperatures will correspond to the season only as of the middle of next week. Mountain weather today: final local snow showers will come to an end this morning. The clouds will disperse sometime during the morning hours and it will turn sunny, by midday even in the eastern part of the Lower Inn Valley. A few residual clouds will cling to the mountain flanks. Light to moderate northerly winds. Temperature at 2000 m: minus 12 to minus 8 degrees; at 3000 m: minus 16 to minus 12 degrees.

### SHORT TERM DEVELOPMENT

No significant change in the avalanche situation.

Rudi Mair

Translated by Jeffrey McCabe