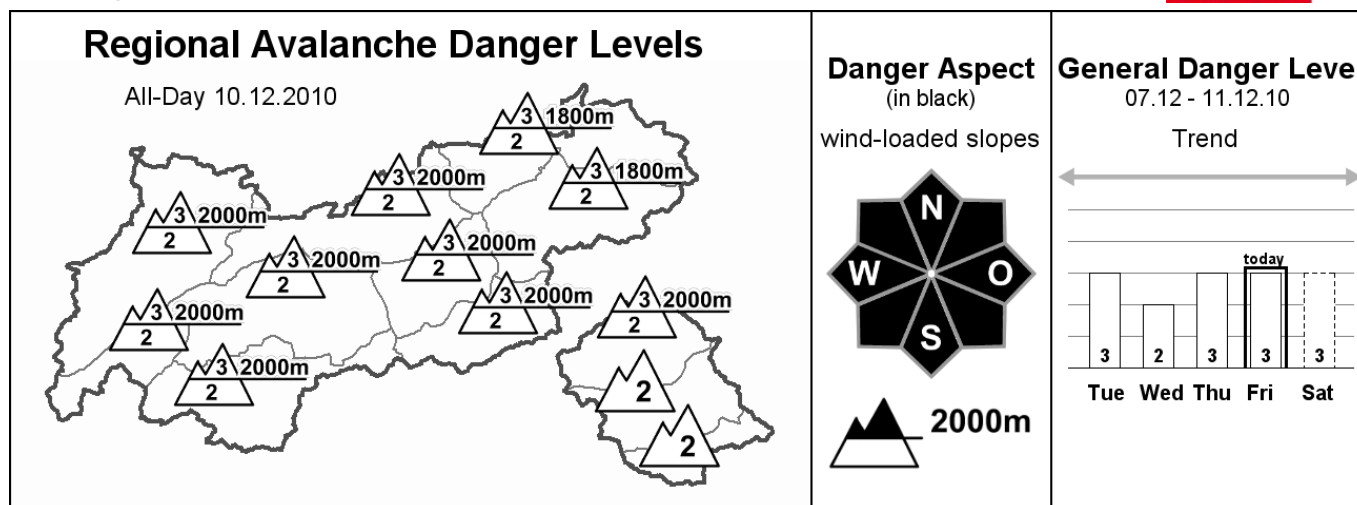


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Friday, 10.12.2010, at 07:30



**Avalanche danger above 2000 m is considerable widespread. Beware stormy northwesterly wind!**

### AVALANCHE DANGER

Snowfall and strong northwesterly winds have created considerable avalanche danger widespread above approximately 2000 m. Avalanche prone locations are to be found on wind loaded slopes in all expositions; both the vastness and the frequency of snowdrift accumulations tend to increase with ascending altitude. Most perilous of all, the freshly formed snowdrift masses tend to be brittle, making them more prone to triggering. In isolated cases avalanches can also fracture down in the old snowpack, making larger sized avalanches possible. Even minimum additional loading, i.e. the weight of a single backcountry skier or freerider, is sufficient to trigger avalanches. Tours in outlying terrain away from secured ski runs thus require extensive experience in assessing the avalanche hazards.

### SNOW LAYERING

Over the last 24 hours, snow showers across Tyrol have brought 10 to 15 cm of new fallen snow, most of which fell in the Arlberg/Ausserfern region, the northern Alps and along the Main Alpine Ridge. The snowfall was accompanied by strong northwesterly winds which massively transported the fresh fallen, due to the low temperatures very loosely packed snow. In general, the snowdrift accumulations are poorly bonded with the old snowpack surface, making them highly trigger sensitive. All day long, the snow will again be transported by the winds.

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

General weather: wedged between a high above western Europe and a dominant low above eastern Europe, Tyrol will remain in the grip of a moist northwesterly air current for the next few days. Milder air masses are expected for tomorrow, as of Sunday temperatures will drop again. Next week it will be cold, amidst low pressure weather conditions. Mountain weather today: storm strength winds and snowfall across the Northern Alps and on the Main Alpine Ridge. Between 20 and 30 cm of fresh fallen snow is expected from the Zillertal to the Tauern and the Kitzbühel Alps, elsewhere about 20 cm. The summits will be hidden in clouds all day long. Generally cloudy from the Lienz Dolomites to the Ortler range, with occasional bright spells created by the northerly winds. Temperature at 2000 m: minus 11 degrees; at 3000 m: minus 18 degrees. Strong northwesterly wind, at high altitudes winds will reach storm strength, although they are expected to taper off during the day.

### SHORT TERM DEVELOPMENT

Ongoing snowfall plus storm velocity northwesterly winds ensure that a dangerous avalanche situation will persist.

Rudi Mair

Translated by Jeffrey McCabe