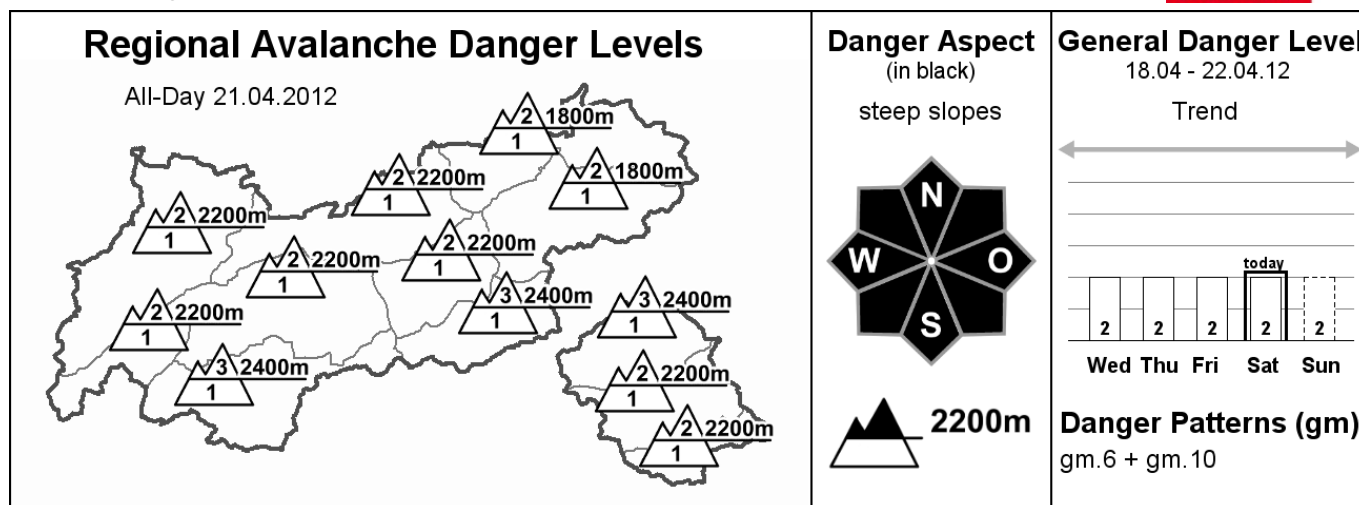


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Saturday, 21.04.2012, at 07:30



### Beware fresh snowdrift in high alpine regions

#### AVALANCHE DANGER

The avalanche danger level in Tirol is generally moderate above 2200 m. The major peril stems from the snowdrift accumulations which are continually forming anew. Especially on steep slopes and in high alpine ridgeline areas along the Main Alpine Ridge, they can be triggered as avalanches even by minimum additional loading in some places. Both the frequency and the spread of avalanche prone locations will tend to increase during the course of the day and also with ascending altitude. On sun-drenched slopes, in addition, caution is urged towards naturally triggered, superficial, loosely packed snow avalanches; this hazard, too, will escalate somewhat over the course of the day.

#### SNOW LAYERING

Over the last 24 hours there has been 10 to 20 cm of snowfall widespread along the Main Alpine Ridge and in inneralpine valleys; in the remaining regions of North Tirol there was 5 to 10 cm of new fallen snow. Moderate westerly to southwesterly winds brought about newly formed snowdrift accumulations in high alpine ridgeline areas in particular. The newly fallen and newly drifted snow masses of this last week generally blanket a well settled and stable old snowpack. The bonding between the fresh fallen, loosely packed snow and the freshly drifted snowdrift on top of it is poor, however, making it very prone to triggering. Caution: due to the intensifying southwesterly wind, the drifted snow masses will be re-transported and accumulate anew in the foehn exposed areas in particular.

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

Weather in general: A powerful low pressure system over the British Isles continues to dominate and is pushing a cold front towards Tirol which will traverse the land on Saturday night. Mountain weather today: residual fog will disperse, the peaks will be free during the day with cloudbanks only above the summits and some sunshine. This afternoon, some convective cloud will build up, possibly accompanied by initial scattered showers over the Southern Alps, with the snowfall level at 1500-1900 m. Temperature at 2000 m: plus 1 degree; at 3000 m: minus 7 degrees. Moderate to brisk southwesterly winds at high altitudes; in the well known foehn exposed channels, winds will reach storm strength.

#### SHORT TERM DEVELOPMENT

Slight increase in avalanche danger due to snowfall

Rudi Mair

Translated by Jeffrey McCabe