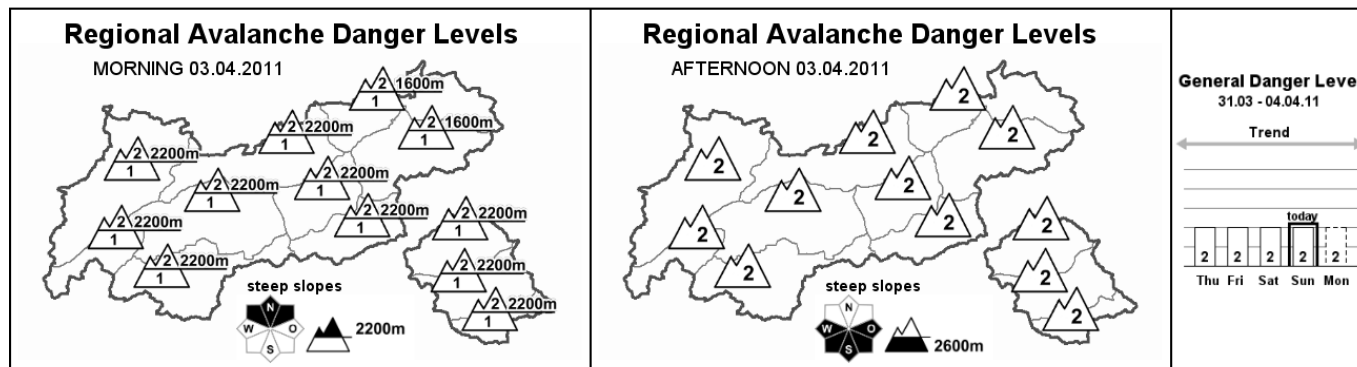


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Sunday, 03.04.2011, at 07:30



## Already in the morning, rising danger of wet avalanches

### AVALANCHE DANGER

The avalanche danger level is subject to an intense daytime warming cycle again today. In the early morning hours, the danger is generally low, but will escalate swiftly to moderate during the morning. Below about 2600 m, the danger of wet snow avalanches can reach Level 3, considerable. Particularly beneath avalanche corridors which have not yet discharged, exposed sections of transportation routes and ascents to huts can also be placed at risk. For that reason, backcountry skiing and freeriding tours should be terminated early in the day - without exception.

### SNOW LAYERING

Following a night of clear skies with outgoing long wave radiation unimpeded, the snowpack surface formed a melt freeze crust which is capable of bearing loads during the morning. Quickly rising temperatures and intense solar radiation will rapidly soften up this crust and cause the snowpack to lose its firmness. On high alpine, shady, steep slopes, there are layers of faceted, loose snow crystals still embedded inside the old snowpack. Here, too, the loss of firmness over the course of the day makes great caution essential.

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

Weather in general: a high pressure system will dominate conditions on Sunday, but it is already weakening. On Monday, a cold front will traverse Tyrol swiftly. As of Tuesday, a high above southwestern Europe will build up again and temperatures will increase for the rest of the week. The Upper Inn Valley and the southern flank of the Alps will be favoured with more pleasant weather. Mountain weather today: superb conditions, azure skies, in western regions some wispy cloud this afternoon, perhaps a bit of convective cloud build-up. It will be mild: freezing level is 3300 m and rising. Temperature at 2000 m: between plus 7 and plus 12 degrees; at 3000 m: between minus 1 and plus 3 degrees. Light westerly winds, at high altitudes somewhat stronger this afternoon.

### SHORT TERM DEVELOPMENT

Depending on amount of snowfall, slightly increasing danger of dry avalanches

Rudi Mair

Translated by Jeffrey McCabe