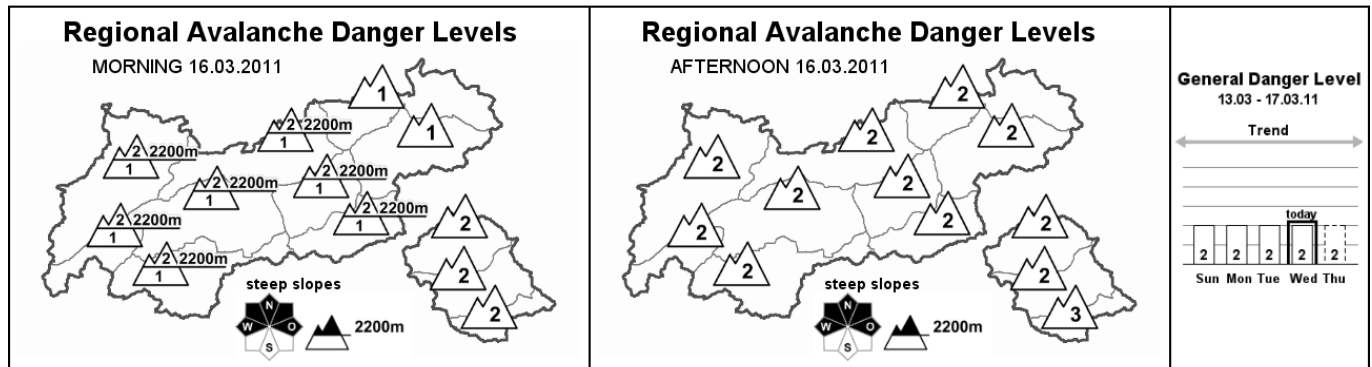


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Wednesday, 16.03.2011, at 07:30



## Moderate avalanche danger widespread - Rising peril in East Tyrol amid snowfall

### AVALANCHE DANGER

The avalanche danger level in North Tyrol is moderate. In East Tyrol, the danger level will escalate significantly over the course of the day due to snowfall and rain. Avalanche prone locations for slab avalanches are to be found primarily on steep, west to north to east facing slopes above approximately 2200 m. Transition areas from shallow to deep snow in particular should be evaluated with great care. At low and intermediate altitudes, the snowpack is thoroughly wet, for the most part, and will lose much of its firmness during the day. Thus, naturally triggered moist sluffs and wet snow avalanches are likely.

### SNOW LAYERING

The snowpack at low and intermediate altitudes is increasingly wet through and through, the sunny slopes are rapidly becoming bare of snow. In high alpine regions, the snowpack surface is highly irregular, usually heavily impacted by winds: windblown and hard compacted surfaces are often directly adjacent to drifted zones. In shady, wind protected areas, the snowpack surface is also loose and powdery in places. Particularly at altitudes between approximately 2200 and 2800 m, there are loose, unbonded layers embedded inside the old snowpack which could serve as bed surfaces for avalanches.

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

Weather in general: a southerly air current is forcing moist air masses from the Mediterranean to the southern flank of the Alps. Tomorrow, Thursday, this low pressure system will spread to the northern flank, where precipitation can also be expected. On Friday, it will slowly move on. On the weekend, a cold high-low system could bring instable conditions. Mountain weather today: widely dispersed cloudbanks on the northern flank of the Main Alpine Ridge will create diffuse light, impeded visibility, with only occasional bright intervals. On the Main Alpine Ridge, the clouds will be blocked and congested, rainfall is possible, snowfall level at about 1700 m. In the Southern Alps, fog and heavy snowfall in some places, the snowfall level dropping from 1600 down to 1200 m. Temperature at 2000 m: between zero and plus 4 degrees; at 3000 m: between minus 5 and minus 2 degrees. Strong southeasterly winds, slackening off this afternoon.

### SHORT TERM DEVELOPMENT

Escalating avalanche danger in East Tyrol, amid new fallen snow

Rudi Mair

Translated by Jeffrey McCabe