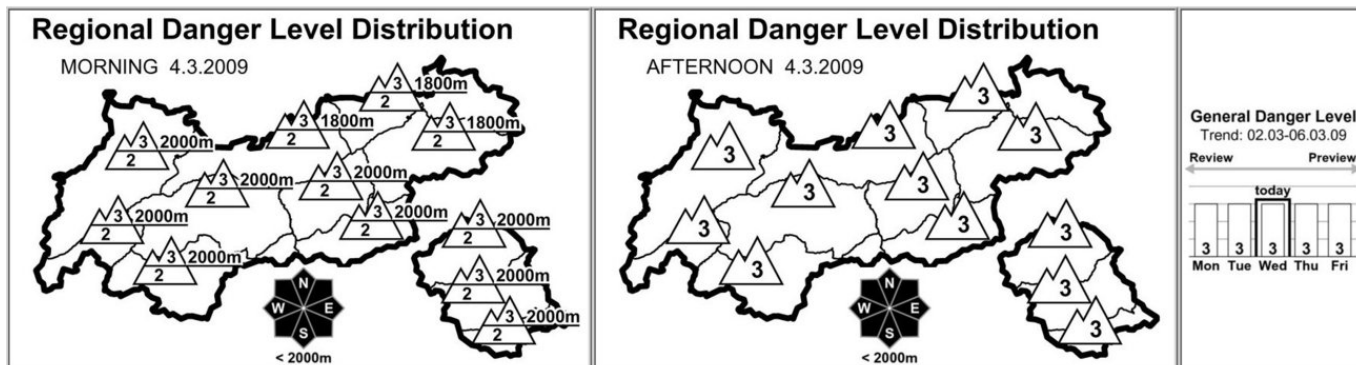


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Wednesday, 04.03.2009, at 07:30



## AVALANCHE DANGER WILL RISE DURING THE DAY - BEWARE STORMY WINDS

### AVALANCHE DANGER

The avalanche danger in Tyrol's touring regions continues to be considerable. Below about 2000 m, the hazards are generally moderate this morning, but will escalate to considerable over the course of the day, due to rising temperatures and solar radiation. At lower and intermediate altitudes, naturally triggered full depth snowslides and wet avalanches are possible, and their potential danger will increase over the course of the day as the snowpack progressively loses firmness. In high alpine regions, new snowdrift accumulations will form, caused by strong to stormy southerly winds. Avalanche prone locations are to be found on southwest to north to southeast facing steep slopes above approximately 2000 m. Transitions from windblown areas to drifted gullies and bowls must be judged especially critically: the weight of a single backcountry skier or freerider is enough to unleash a slab avalanche. The frequency of avalanche prone locations will increase during the day.

### SNOW LAYERING

Measurements at all stations show that the snowpack has settled well and consolidated a further increment under the influence of relatively mild temperatures and strong solar radiation corresponding to the season. The surface is moistened up to about 2000 m, at lower altitudes it is thoroughly wet. Inside the old snowpack, many trigger sensitive layers of loose, unbonded snow crystals are embedded. Caution is urged towards developing winds: at about midnight, the air current shifted to southerly, winds gained in strength and are causing new snowdrift accumulations in high alpine areas adjacent to ridge lines in particular.

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

General weather conditions: in the van of a low over the British Isles, it will be mild with foehn winds in North Tyrol today. Tomorrow a cold front will approach from the west, as a Mediterranean low simultaneously takes shape. Subsequently, temperatures will fall, on the southern flank of the Alps to begin with, then heavy precipitation is expected along the northwestern barrier mountains. Mountain weather today: very strong southerly winds will heavily impact weather conditions on the Main Alpine Ridge and, particularly, in the Tux Alps. Most of the sunshine is anticipated from the Lechtal Alps over the Karwendel to the Kaiser. The southern massifs are draped in clouds; from the Ortler to the Grossglockner there will be snowfall. Temperatures at 2000 m: minus 4 to minus 1 degree; at 3000 m: minus 8 degrees. Strong to very stormy southeasterly to southwesterly winds.

### SHORT TERM DEVELOPMENT

Avalanche danger is on the increase due to new snow.

Rudi Mair

Translated by Jeffrey McCabe