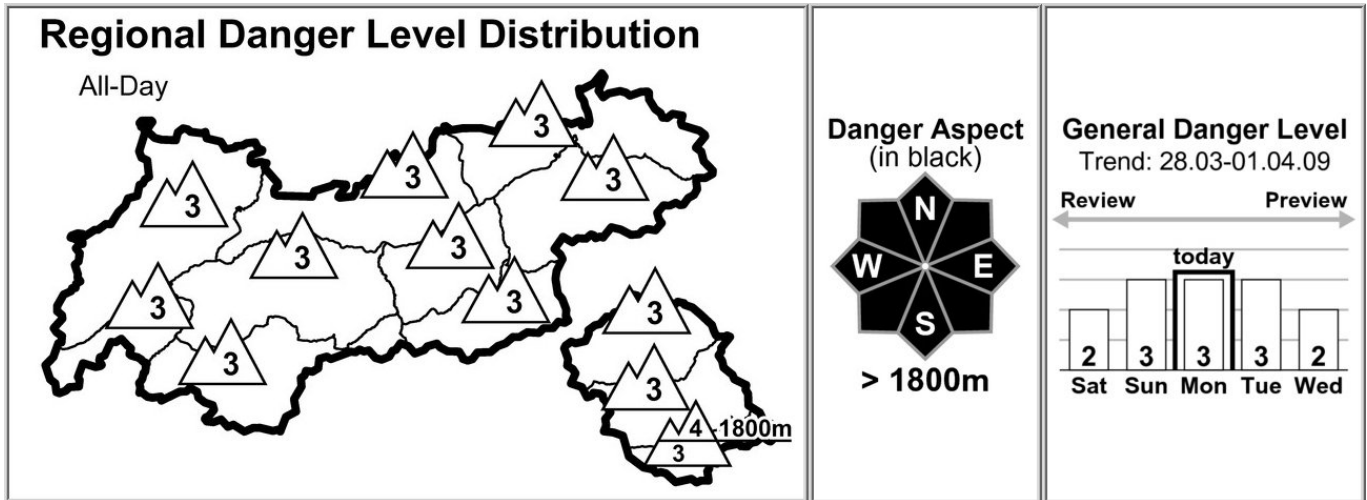


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Monday, 30.03.2009, at 07:30



## UNFAVOURABLE TOURING CONDITIONS, CONSIDERABLE AVALANCHE DANGER WIDESPREAD

### AVALANCHE DANGER

In Tyrol's backcountry touring regions, unfavourable conditions still prevail today, amid considerable avalanche danger widespread. Avalanche prone locations for slab avalanches are to be found primarily above approximately 1800 m on steep west to north to east facing slopes, as well as in areas adjacent to ridge lines in all expositions. Even minimal additional loading, i.e. the weight of a single backcountry skier or freerider, can trigger an avalanche. Below about 2000 m, the snowpack has forfeited its firmness due to moisture. Thus, naturally triggered full depth snowslides and wet snow avalanches can be expected. Particularly in the regions with lots of new snow, exposed parts of transportation routes can be placed at risk.

### SNOW LAYERING

Over the last 24 hours there has been 30 to 40 cm of new snow along the Main Alpine Ridge and in East Tyrol, as much as 50 cm in southern East Tyrol. In remaining North Tyrol there was generally 15 to 20 cm. The snowpack is thoroughly wet at low and intermediate altitudes because of the rain, making it quite unstable. Due to the cloud cover, i.e. lack of outgoing longwave radiation, the snowpack could not become firm during the night. In high alpine regions, the snowdrift accumulations from Saturday have now been covered over by new snow, making them difficult to recognise. In addition, above approximately 2000 m primarily on shady slopes, a loose, unbonded layer embedded inside the old snowpack is evident widespread, which is trigger sensitive and has been responsible for most of the recent avalanches.

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

General weather conditions: the weather disturbances from the Atlantic low are losing their effect today. A high over the Atlantic is moving towards Central Europe and bringing the spring with it in a few days. Mountain weather today: the snowfall will taper off in the course of the day, visibility will gradually improve. Temperatures are expected to increase: the freezing level, initially at 1000 m, will rise to 1700 m by evening, even higher in South Tyrol. Temperature at 2000 : minus 6 to minus 2 degrees; at 3000 m: minus 12 to minus 6 degrees. Light northeasterly winds.

### SHORT TERM DEVELOPMENT

Increasingly springlike conditions, including the rising avalanche dangers brought about by the daytime warming cycle.

Rudi Mair

Translated by Jeffrey McCabe