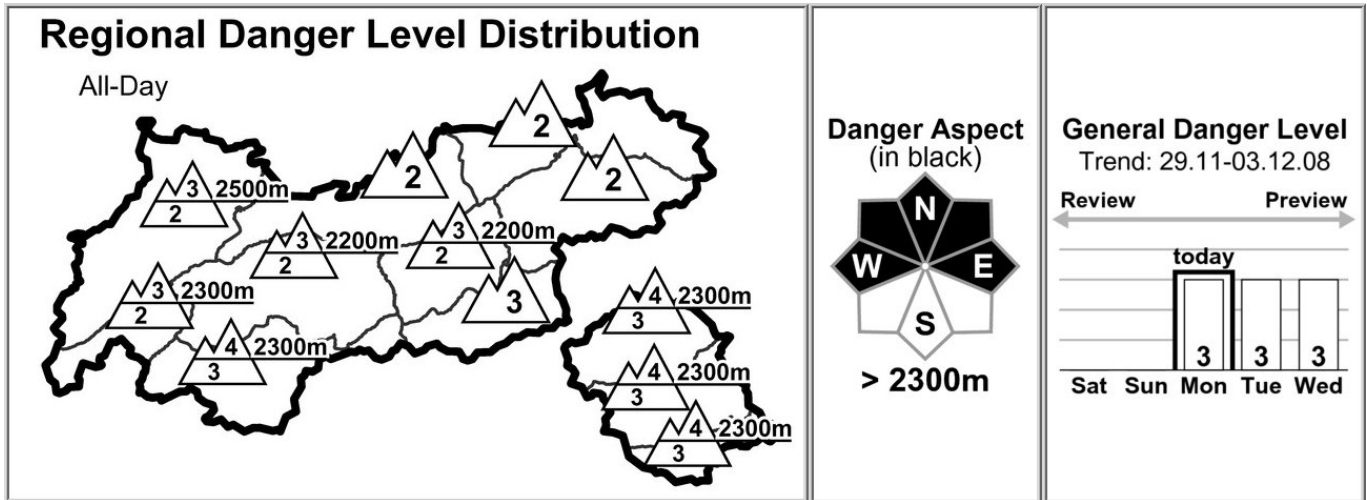


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Monday, 01.12.2008, at 07:30



## HIGH AVALANCHE DANGER IN EAST TYROL, SOUTHERN ÖTZTAL AND STUBAI ALPS

### AVALANCHE DANGER

The avalanche danger has escalated intensely in those regions with lots of new snow in Tyrol, including all East Tyrolean regions, the southern Ötztal and Stubai Alps. The danger level in those regions must now be categorized as high (Level 4). Classic slab avalanches can be naturally triggered above approximately 2300 m on west-northwest to north to east-northeast facing slopes and fracture even down into the old snowpack. Such avalanches are increasingly expected in areas adjacent to ridge lines. Especially exposed transportation routes can also be put at risk. In lower lying areas, snowslides are also anticipated in areas with lots of snow on steep grassy slopes in all aspects. So-called full depth snowslides can endanger exposed parts of transportation routes as well. The avalanche situation in Tyrol's northern regions is more favourable.

### SNOW LAYERING

Over the last 3 days, it has snowed 50 - 120 cm in East Tyrol and in the southern Ötztal and Stubai Alps. Most of the snowfall fell in the Carnic Alps and the East Tyrolean Dolomites, accompanied by strong southerly winds. The old snowpack, particularly on west-northwest to north to east-northeast slopes above approximately 2300 m, can serve as a bed surface for slab avalanches. Due to the long exposure to low temperatures and the faceted snow crystals on the surface, the new snow has bonded poorly to the old snowpack. Along the Main Alpine Ridge west of the Zillertal Alps, caution must also be exercised towards a layer of depth hoar near the ground above approximately 2500 m, which can also serve as a bed surface for avalanches.

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

Deep winter conditions, with 50 to 75 cm of new snow falling today in the Dolomites and Carnic Alps, with some new snow in the Hohe Tauern as well. The mountains in North Tyrol will be shrouded in clouds all day long. Increasingly heavy snowfall is expected northwards of the Main Alpine Ridge. Temperature at 2000 m: minus 5 degrees; at 3000 m: minus 10 degrees. East of the Brenner, strong southerly winds, which will later shift to southwesterly and slacken off.

### SHORT TERM DEVELOPMENT

The avalanche situation will gradually improve as of tomorrow.

Patrick Nairz

Translated by Jeffrey McCabe