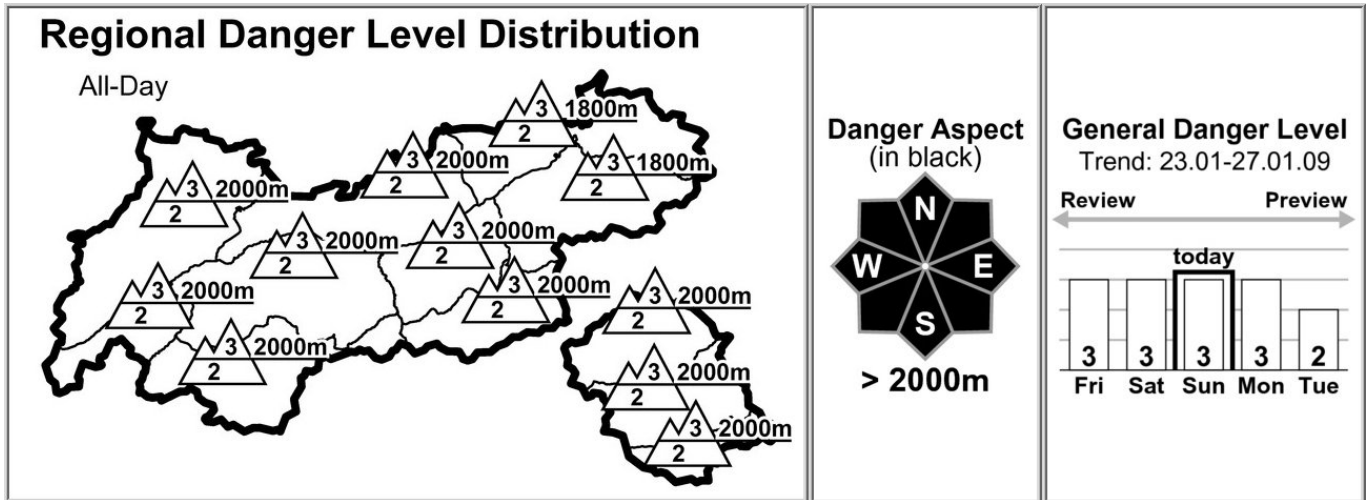


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Sunday, 25.01.2009, at 07:30



## CONSIDERABLE AVALANCHE DANGER WIDESPREAD ABOVE 2000 M

### AVALANCHE DANGER

The avalanche danger in Tyrol's touring regions has receded slightly, but is still considerable widespread. Avalanche prone locations are to be found on steep slopes in all aspects, primarily above approximately 2000 m. The major hazard stems from freshly formed and older snowdrift accumulations which are often difficult to recognize in open terrain. A slab avalanche can generally be triggered even by minimal additional loading, namely, the weight of a single backcountry skier or freerider. Since the conditions are highly varied even inside small areas, extensive experience in the assessment of avalanche dangers is imperative on skiing and freerideing tours.

### SNOW LAYERING

Last night there was a bit of snowfall in Tyrol. Snowdrift and new snow from this past week are settling and consolidating only slowly, the bonding with the old snowpack is quite inadequate in most places. The main reason for this: the old snowpack surface generally consists of faceted, thus loosely packed snow crystals which act like ball bearings, thus providing an ideal bed surface for avalanches. In addition, the snowpack is loose all the way to the ground in many places, particularly in inneralpine regions, meaning that avalanches can fracture down to its lowermost layers.

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

Weather today: a high pressure zone coming from the west will dominate today. Above the western Mediterranean a new low pressure front is forming which will reach Tyrol in weakened form on Tuesday and Wednesday. Mountain weather today: south of the Main Alpine Ridge it will quickly turn sunny. But elsewhere as well, clouds and residual fog will decrease rapidly and the sun will come out. The fog will cling most persistently to the mountain flanks on south facing slopes, even throughout the afternoon. Temperatures at 2000 m will rise from minus 10 to minus 5 degrees; at 3000 m from minus 16 to minus 10 degrees. Initially brisk northwesterly winds, in the course of the day they will lose strength and be but light.

### SHORT TERM DEVELOPMENT

The avalanche danger will slowly diminish.

Rudi Mair

Translated by Jeffrey McCabe