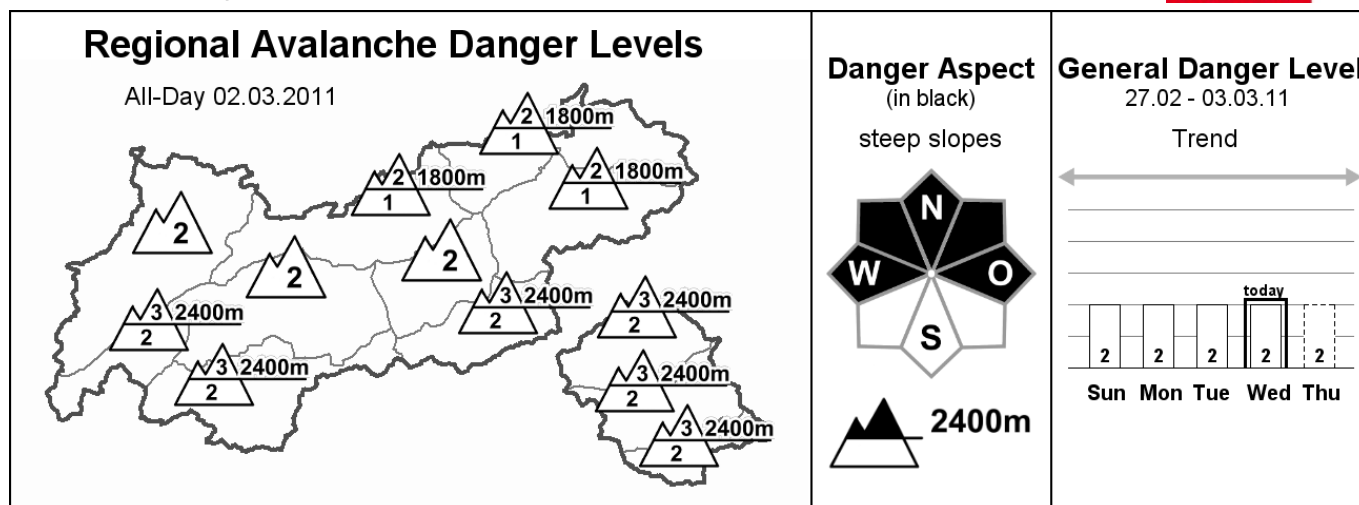


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Wednesday, 02.03.2011, at 07:30



**Predominantly moderate danger, in some high alpine regions considerable**

### AVALANCHE DANGER

The avalanche danger level in Tyrol's backcountry touring regions is predominantly moderate. In some high alpine regions, it is still considerable. Avalanche prone locations are to be found primarily on steep slopes and in ridgeline areas above approximately 2400 m, especially in western to northern to eastern exposition. The new fallen snow from the most recent period of precipitation has now settled somewhat, yet is still relatively easy to trigger, as are the recently formed and older snowdrift accumulations: in general, even minimum additional loading is sufficient. As of late afternoon today on intensely sun-drenched slopes, the peril of naturally triggered loose avalanches and moist sluffs will be heightened.

### SNOW LAYERING

At low and intermediate altitudes, solar radiation and the daytime warming cycle will help the most recent snowfall to settle and consolidate. In high alpine regions, the freshly formed and older snowdrift accumulations are often deposited atop a faceted, loose old snowpack surface. The bonding is usually poor, making these places highly prone to triggering. Settling ("whumpf") noises and numerous naturally triggered snow masses are indicators of just how trigger sensitive the snowpack is. Again today, the moderate to strong velocity easterly wind will give rise to new snowdrift transport and deposits.

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

Weather in general: a high pressure system, extending from the Atlantic Ocean to Russia, on whose southern rim the Alps lie in a powerful easterly to southeasterly air current, will weaken significantly over the course of the day today. The layer of air closest to the ground is full of moisture, whereas the layers of air at high altitude are extremely dry. The low over Sardinia will lead to moistening air masses in South and East Tyrol this evening. Mountain weather today: above the fog, brilliant sunshine, cloudless skies and excellent visibility. Especially in the Northern Alps towards the Lower Inn Valley and in parts of the Southern Alps, there is still strong easterly to southeasterly wind prevailing. Temperature at 2000 m: minus 3 degrees; at 3000 m: minus 12 degrees. Still brisk to strong easterly to southeasterly wind this morning; this afternoon, the wind will slacken off significantly.

### SHORT TERM DEVELOPMENT

Avalanche danger will slowly recede

Rudi Mair

Translated by Jeffrey McCabe