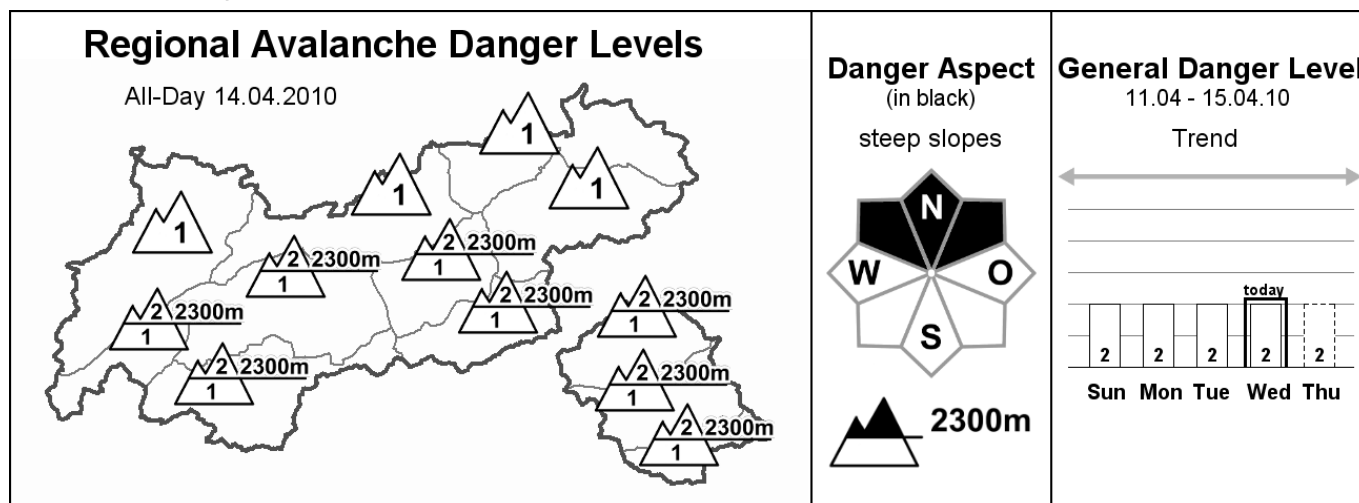


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Wednesday, 14.04.2010, at 07:30



**Favourable touring conditions - except on very steep, shady slopes above approximately 2300 m**

### AVALANCHE DANGER

The backcountry touring conditions remain predominantly favourable. The avalanche danger is still dependent on altitude: above 2300 m, the danger level is moderate; below that altitude it is low. In northern regions from Ausserfern over the Northern Alps to the Kitzbühel Alps, generally low danger prevails, despite the new fallen snow. Avalanche prone locations can now be well pinpointed; they are limited primarily to very steep, northwest to north to northeast facing terrain above approximately 2300 m, where especially on unfrequented slopes, slab avalanches can be triggered particularly by large additional loading. This is also the case through minimum additional loading in places with shallow snow. Such avalanches can subsequently attain medium size. In the remaining expositions, the likelihood of triggering avalanches is currently low. In very isolated cases, triggering is possible through large additional loading in extremely steep transition areas from shallow to deep snow above approximately 2600 m.

### SNOW LAYERING

The snowpack is now quite stable, due to the layers interspersed with several melt freeze crusts. One exception remains: very steep, shady slopes above approximately 2300 m, where since the end of March only a 1-cm thick melt freeze crust lends the snowpack stability. Beneath that crust are widespread layers of depth hoar which are sometimes of large area and can well serve as a bed surface for slab avalanches. This has been amply demonstrated in recent days by a number of avalanches involving people. The structure of the snow surface is highly varied even across small surface areas, in accordance with the season. From powder snow to breakable crusts all the way to hard snow surfaces, the diversity is great. The fresh fallen snow is not expected to raise the avalanche peril.

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

Fog and repeated snow flurries, particularly on the Northern Alps, in the Lower Inn Valley 10 to 15 cm of snowfall is possible. In isolated cases, bright intervals may occur between the showers, most likely on the Main Alpine Ridge. On the southern flank of the Alps, more sunshine, especially around the Ortler. From the Dolomites to the ranges of East Tyrol in particular over the course of the day, a few showers are possible. Temperature at 2000 m: minus 6 to minus 2 degrees; at 3000 m: minus 10 degrees. Light northwesterly to northeasterly winds.

### SHORT TERM DEVELOPMENT

Small snowdrift accumulations can form near ridge lines. Elsewhere, conditions are generally favourable.

Patrick Nairz

Translated by Jeffrey McCabe