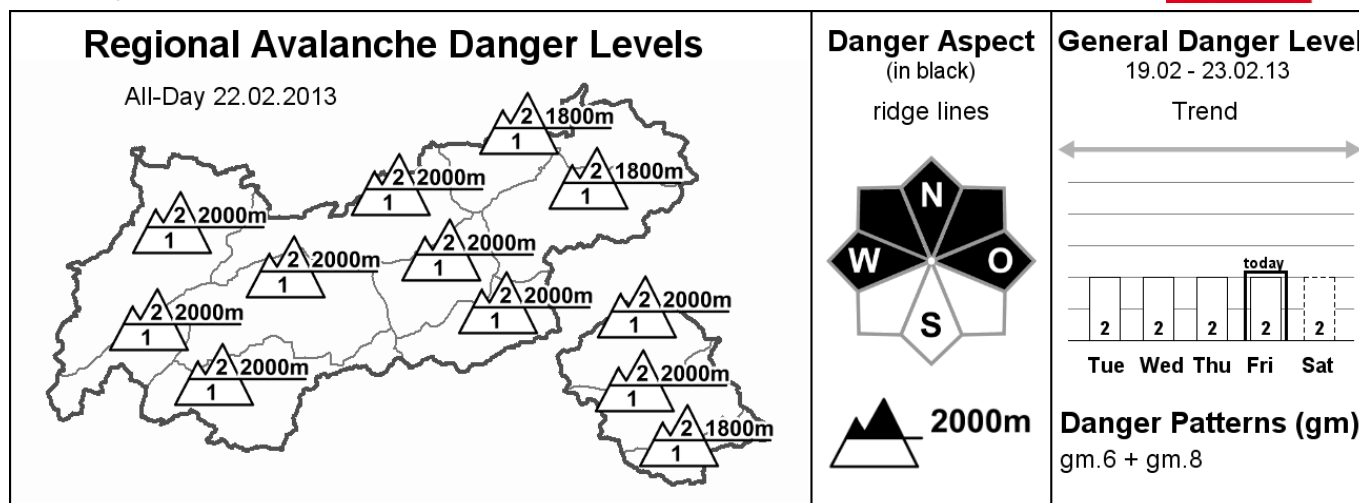


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Friday, 22.02.2013, at 07:30



### Generally favourable conditions

#### AVALANCHE DANGER

In Tirol's backcountry touring regions, conditions are predominantly favourable. The avalanche danger level below about 2000 m is low by and large; above that altitude it is moderate. The major peril stems from relatively small sized snowdrift accumulations which formed at the beginning of the week; due to the low temperatures they are often brittle, making them quite prone to triggering. Avalanche prone locations are to be found primarily in high alpine regions, shady ridgeline areas and, in general, in transition areas from deep to shallow snow. The frequency and spread of these danger zones tend to increase with ascending altitude. Below about 2400 m, particularly on steep, grass covered slopes, caution is urged towards isolated naturally triggered full depth snowslides.

#### SNOW LAYERING

Over the last 24 hours there has been 5-10 cm of snowfall along the Main Alpine Ridge and in East Tirol, further to the north there was less. The high altitude winds were light, thus there was little snow transport. The old snow cover has settled well for the most part, and consolidated. Between more deeply embedded hard crusts there are frequently layers of faceted snow crystals; they generally threaten only in places where the snow is shallow, however, such as in transition areas from deep to shallow snow, as a bed surface for avalanches.

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

Weather: A high pressure zone hovers between Great Britain and Scandinavia; a low pressure zone over the Mediterranean is strengthening. The Alps are wedged between them in the path of a high altitude southwesterly airstream, whereas an icy cold easterly airstream moves just above the ground which will dominate until Sunday. Mountain weather today: wintery cold, variable visibility, predominantly sunny until just past midday, particularly on the Main Alpine Ridge, the Arlberg and the Lechtal Alps. Further to the east, visibility will be impaired, accompanied by intermittent light snowfall from the Carnic Alps over the Dolomites to the Kitzbühel Alps. Temperature at 2000 m: minus 14 degrees; at 3000 m: minus 18 degrees. Light southeasterly winds at high altitude.

#### SHORT TERM DEVELOPMENT

No significant change in the avalanche situation

Rudi Mair

Translated by Jeffrey McCabe