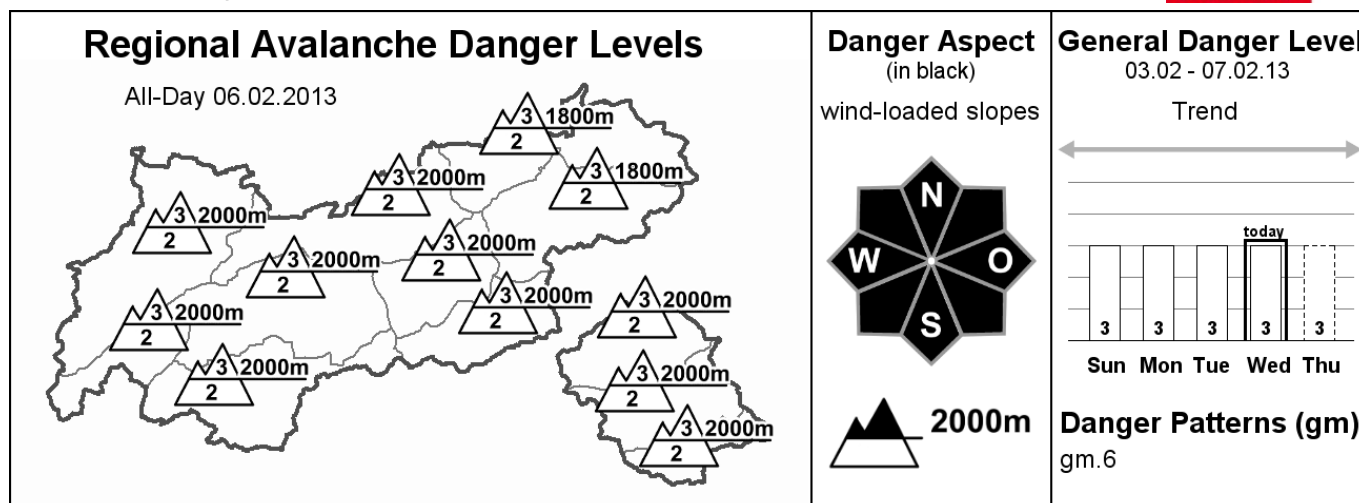


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Wednesday, 06.02.2013, at 07:30



### Considerable avalanche danger regionally above 2200 m

#### AVALANCHE DANGER

The avalanche danger in Tirol's backcountry touring regions is predominantly considerable above approximately 2200 m. The major peril stems from the ongoingly fresh accumulations of snowdrift which are usually brittle and inadequately bonded with the loosely packed fresh fallen snow beneath them, which in turn makes them relatively easy to trigger as avalanches. Even the weight of a single person is frequently sufficient to release an avalanche. Avalanche prone locations are to be found on wind loaded slopes and in areas adjacent to ridgelines in all aspects. The frequency and spread of danger zones tend to increase with ascending altitude. Since the drifted masses are often blanketed over by new fallen snow, they are difficult to recognize in open backcountry. Skiing and freeriding tours in outlying terrain require extensive experience in evaluating avalanche hazards.

#### SNOW LAYERING

There has been 10-20 cm of snowfall over the last 24 hours along the Main Alpine Ridge. In the Silvretta, the Arlberg/Ausserfern region and the inneralpine regions there was generally 10 cm of fresh fallen snow, in the remaining regions less. The high altitude westerly winds were generally stronger than necessary to transport snow, which thus led to new accumulations of brittle snowdrift. The old snowpack has settled well for the most part and consolidated. The borderline point of contact between the new fallen and drifted snow needs to be assessed critically: the bonding is generally weak, making it highly prone to triggering.

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

Weather: Cold air masses are flowing from the North Sea over western Europe all the way to the Mediterranean. Over the next few days a wide ranging low pressure system will dominate weather conditions in the Alps. Mountain weather today: Following nocturnal snow showers which will rapidly withdraw into the Kitzbühel and Zillertal Alps and East Tirol, a phase of bright skies will move in from the west for several hours this morning. Over the course of the afternoon, cloud will move in from the west. Between the Silvretta, the Arlberg and the Lechtal Alps as far as the Wetterstein range more than anywhere else, it will again begin to snow lightly. Temperature at 2000 m: minus 9 degrees; at 3000 m: minus 17 degrees. Strong westerly winds to begin with, slackening off to moderate over the course of the day.

#### SHORT TERM DEVELOPMENT

No significant change in avalanche situation

Rudi Mair

Translated by Jeffrey McCabe