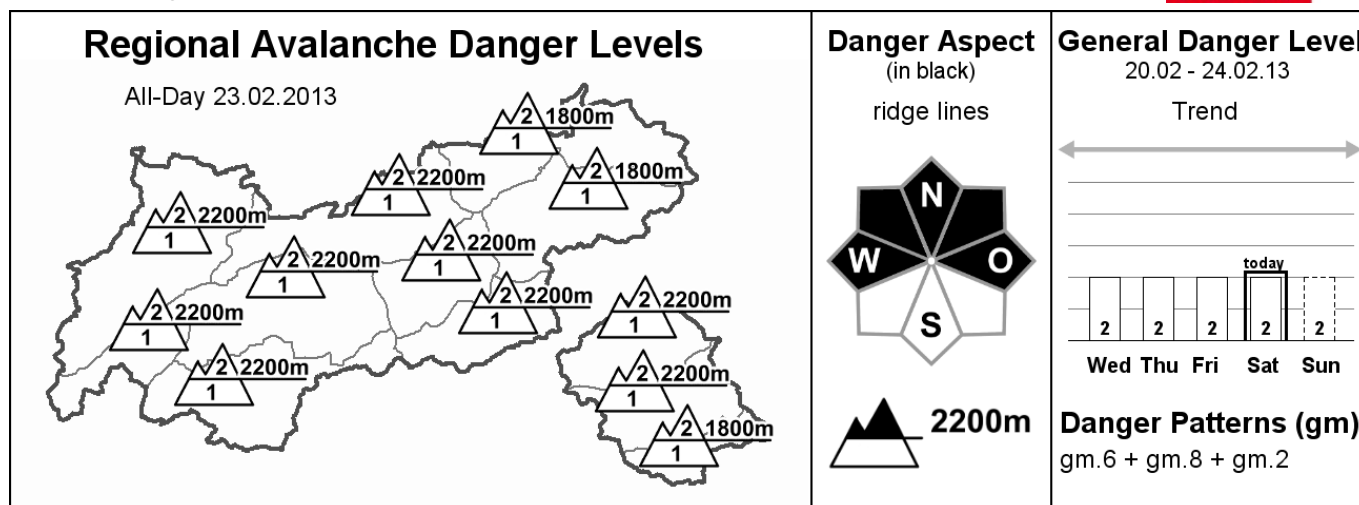


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Saturday, 23.02.2013, at 07:30



### Widespread favourable conditions

#### AVALANCHE DANGER

The conditions in Tyrol's backcountry touring regions are favourable widespread. The avalanche danger below about 2200 m is generally low; above that altitude, moderate. Isolated avalanche prone locations are still to be found in shady terrain adjacent to ridgelines, where drifted snow masses which formed at the beginning of the week are brittle, due to ongoing low temperatures, making them quite prone to triggering. Transition areas from deep to shallow snow need to be carefully assessed; those are the spots where embedded weak layers can most easily be released. Below about 2400 m, particularly on steep, grass-covered slopes, isolated naturally triggered full depth snowslides are possible.

#### SNOW LAYERING

Over the last 24 hours there has been a small amount of snowfall only in East Tyrol. High altitude winds were light, thus next to no transport took place. The snowpack surface is generally loose, light and powdery due to the persistently low temperatures, although on sunny slopes the solar radiation is making its influence felt. On shady slopes, surface hoar has often formed at intermediate altitudes. The old snowpack has for the most part settled well and consolidated. Isolated weak layers of faceted, unbonded snow crystals which are to be found near deeply embedded crusts are at least well buried. Triggering this is likely only in places where the snow is shallow, e.g. in transition areas from deep to shallow snow.

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

Weather in general: A cold, moist easterly airstream is flowing towards us from the western Mediterranean at ground level. At high altitude, on the other hand, dry air masses are coming our way from the south. By tomorrow, even the uppermost layers of the atmosphere will have moistened. Mountain weather today: The peaks of North Tyrol will be sun-bathed to begin with, this afternoon cloud will move in from the Main Alpine Ridge and light snowfall is expected to set in. Between Dolomites and Carnic Alps, cloud and fog, light snowfall is also likely. Light southerly winds in the mountains. Temperature at 2000 m: minus 14 degrees; at 3000 m: minus 17 degrees. Light southerly winds at high altitudes.

#### SHORT TERM DEVELOPMENT

Avalanche danger will increase slightly, due to snowfall and intensifying winds along Main Alpine Ridge and in East Tyrol

Rudi Mair

Translated by Jeffrey McCabe