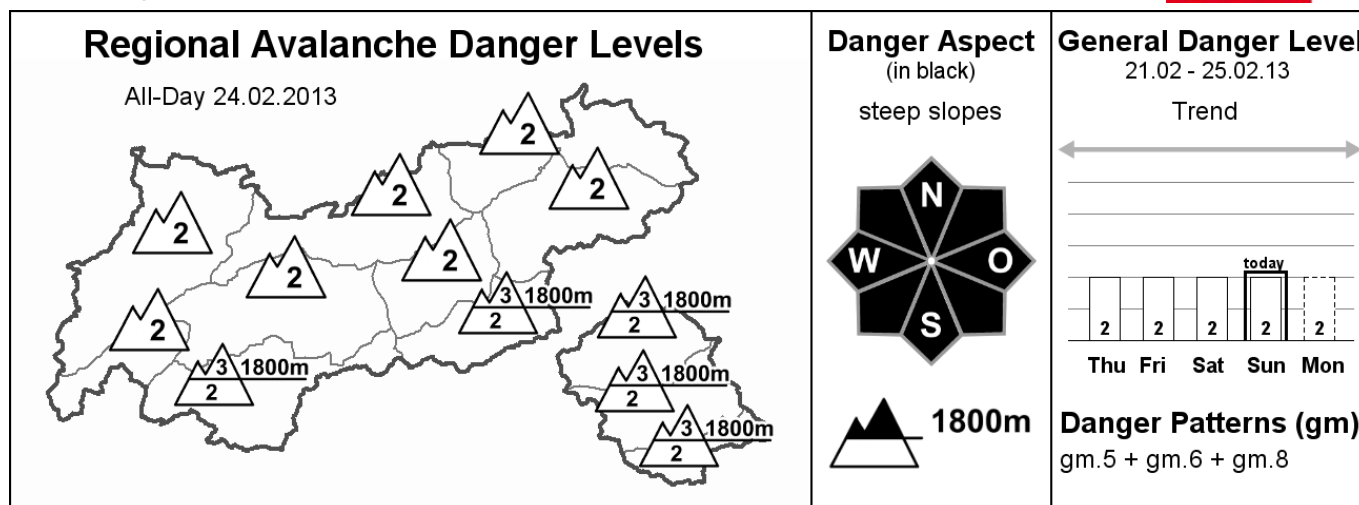


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Sunday, 24.02.2013, at 07:30



### Increased avalanche danger due to snowfall and wind

#### AVALANCHE DANGER

The conditions in Tyrol's backcountry touring regions have deteriorated somewhat, the avalanche danger level has risen slightly. The major peril stems from freshly formed snowdrift accumulations which are relatively small, but easily triggered, even the weight of a single person is generally sufficient to release an avalanche on steep slopes and in ridgeline areas in all aspects. The frequency and spread of danger zones tends to increase with ascending altitude.

#### SNOW LAYERING

Over the last 24 hours there has been 15-25 cm of snowfall in southern East Tyrol. Towards the Tauern Ridge and on the Main Alpine Ridge there was 10-15 cm, further to the north correspondingly less. The high altitude southeasterly winds turned brisk and even reached strong velocity, thus massively transporting the loose, light, cold new fallen snow. Caution: the wind at high altitude was significantly stronger than in the valleys. Fresh fallen and drifted snow have been deposited atop a very loose, light old snowpack, the bonding between the two is poor, the proneness to triggering is quite high. Isolated weak layers inside the snowpack generally lie more deeply embedded, making them hard for a single skier to trigger.

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

Weather in general: The wide ranging high/low with its center over the Gulf of Genoa continues to shovel moist air masses from the southeast towards the Alps. Tyrol is in the path of a weak perturbation in a very cold air mass which during the course of next week will not only become drier, but also milder. Mountain weather today: cold in the mountains, with strong winds and a bit of snowfall in ridgeline areas. In the Northern Alps, poor visibility from fog, but only intermittent snow showers. From the Main Alpine Ridge to the Dolomites and the Carnic Alps, just a few centimeters of snowfall is expected. Intermittent brief sunny spells will also be evident. Temperature at 2000 m: minus 15 degrees; at 3000 m: minus 16 degrees. In ridgeline areas strong, to some extent even storm-strength southeasterly winds at high altitudes; at lower altitudes, moderate northerly winds.

#### SHORT TERM DEVELOPMENT

Moderate avalanche danger widespread

Rudi Mair

Translated by Jeffrey McCabe