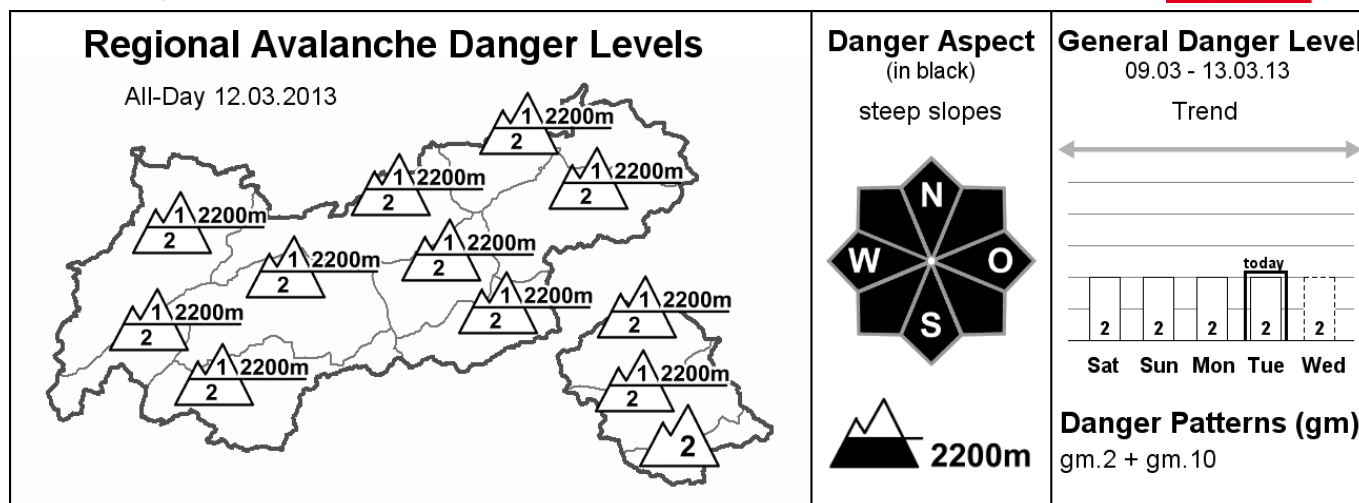


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Tuesday, 12.03.2013, at 07:30



### Favourable situation widespread, beware full depth snowslides

#### AVALANCHE DANGER

Quite favourable conditions prevail today, the danger below about 2200m is moderate, above that altitude low. The major peril still stems from full depth snowslides on steep, grass-covered slopes. Avalanche prone locations are to be found at low and intermediate altitudes, frequently on sunny slopes. Since full depth snowslides nearly always "announce" imminent danger through glide cracks in the snowpack surface which are easily recognized, areas below such fissures should be assiduously avoided. Wherever the snowpack softens up during the day, wet avalanches can be triggered in craggy terrain. In southern East Tirol, in addition, on very steep, shady slopes above about 2200m where the snow is shallow, it is possible to trigger a slab avalanche through large additional loading.

#### SNOW LAYERING

The warm temperatures of recent days have made the snowpack thoroughly moist at low and intermediate altitudes, on sunny slopes often wet down to the ground. On the snowpack surface a melt-freeze crust has formed. In East Tirol, where residual cloud prevails, the crusts are generally breakable; in North Tirol predominantly capable of bearing loads above 1600m, due to the cold nights. Weak layers inside the snowpack are most likely in southern East Tirol on north facing slopes above about 2200m: a layer of faceted, unbonded crystals near melt-freeze crusts. Elsewhere the snowpack is generally stable and lacking in internal tensions. However, it forfeits much of its firmness over the course of the day through daytime warming and solar radiation

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

Weather: Tirol remains in the zone of influence of a low pressure complex extending from the Atlantic to the Black Sea, which is bringing moist and mild air masses to the Alps. In the next few days, increasingly colder air will come our way from the northeast. Mountain weather today: In the Northern Alps intermittent sunshine, this morning it will remain dry. As of midday, convective cloud will build up, the summits will disappear in cloud and a few showers could follow, snowfall level at 1200-1500m. On the southern flank of the Alps, less sunshine and greater likelihood of showers. Temperature at 2000m: minus 2 degrees; at 3000m: minus 9 degrees. Light to moderate westerly to southwesterly winds.

#### SHORT TERM DEVELOPMENT

Favourable avalanche conditions will continue for a spell

Patrick Nairz

Translated by Jeffrey McCabe