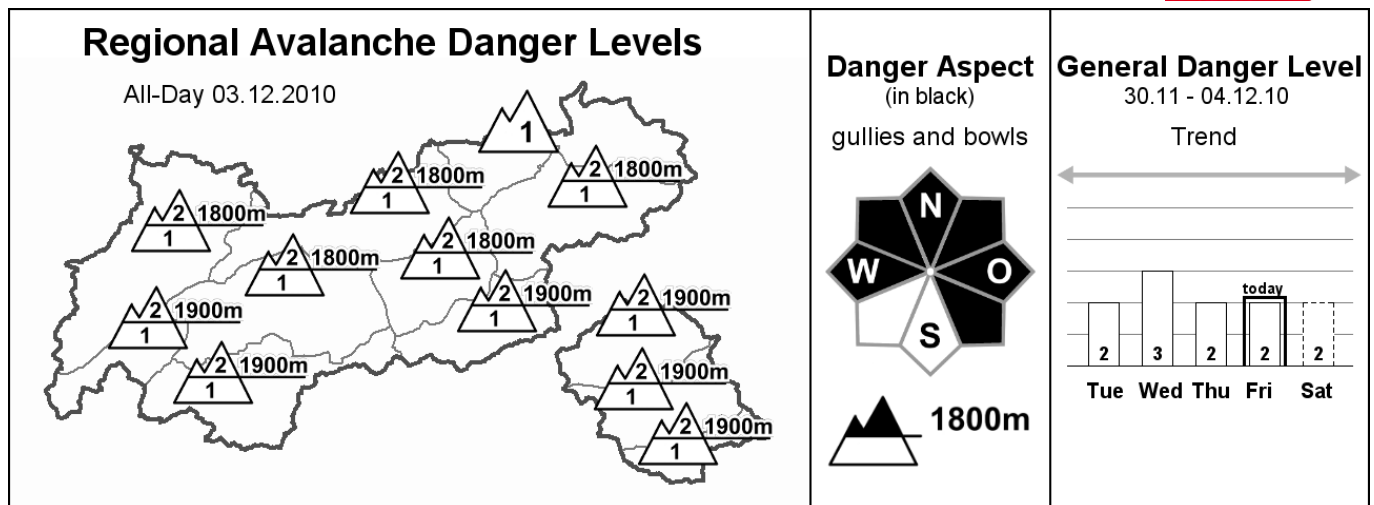


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Friday, 03.12.2010, at 07:30



### Mostly moderate avalanche danger above treeline - Beware fresh snowdrift accumulations

#### AVALANCHE DANGER

Far and wide in Tyrol, the avalanche danger above the treeline is moderate, below it the danger is low. In the eastern part of the Northern Alps, the danger level is low in general. Avalanche prone locations for backcountry ski tourers and freeriders are most frequent in recently formed snowdrift accumulations above the treeline, especially easy to trigger in very steep terrain. In isolated cases, even low additional loading is sufficient to trigger the snowdrift, though the masses remain small. An exception is on very steep, shady slopes in high alpine regions (>3000m) where in transition areas from shallow to deep snow the snowpack can fracture down to its lowermost layers especially through large additional loading. Snowdrift is most frequently found near ridge lines and in gullies and bowls. It is difficult to assess the danger zones, since the recently formed snowdrift accumulations are often blanketed over by loosely packed fresh fallen snow. In the southernmost regions of Tyrol, where it snowed most, isolated snowslides on steep, grassy slopes are possible.

#### SNOW LAYERING

There has been a bit of additional snowfall, although generally less than 5 cm. Inside the snowpack, very few weak layers are evident. Possible bed surfaces for slab avalanches are the rim of cold, loosely packed fresh fallen snow in its transition to freshly deposited snowdrift atop it; in high alpine regions, a deeply embedded layer of depth hoar from autumn; and up to 2500 m, the two melt-freeze crusts inside the snowpack.

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

General weather: today will be dominated by a low pressure zone, amidst cold air masses blanketing many parts of Europe. In addition, a Mediterranean low is moving towards Hungary, bringing heavy snowfall to southern regions. By tomorrow, an intermediate high may gain the upper hand; but on Sunday, the air current will shift to westerly and bring us milder air. Mountain weather today: icy cold temperatures, light to moderate snowfall, heaviest in the Dolomites, throughout East Tyrol, east of the Karwendel and on the Main Alpine Ridge. Temperature at 2000 m: minus 11 degrees; at 3000 m: minus 17 degrees. Light northerly to northwesterly wind in North Tyrol; in South and East Tyrol, moderate southwesterly winds.

#### SHORT TERM DEVELOPMENT

No significant change in avalanche situation.

Patrick Nairz

Translated by Jeffrey McCabe