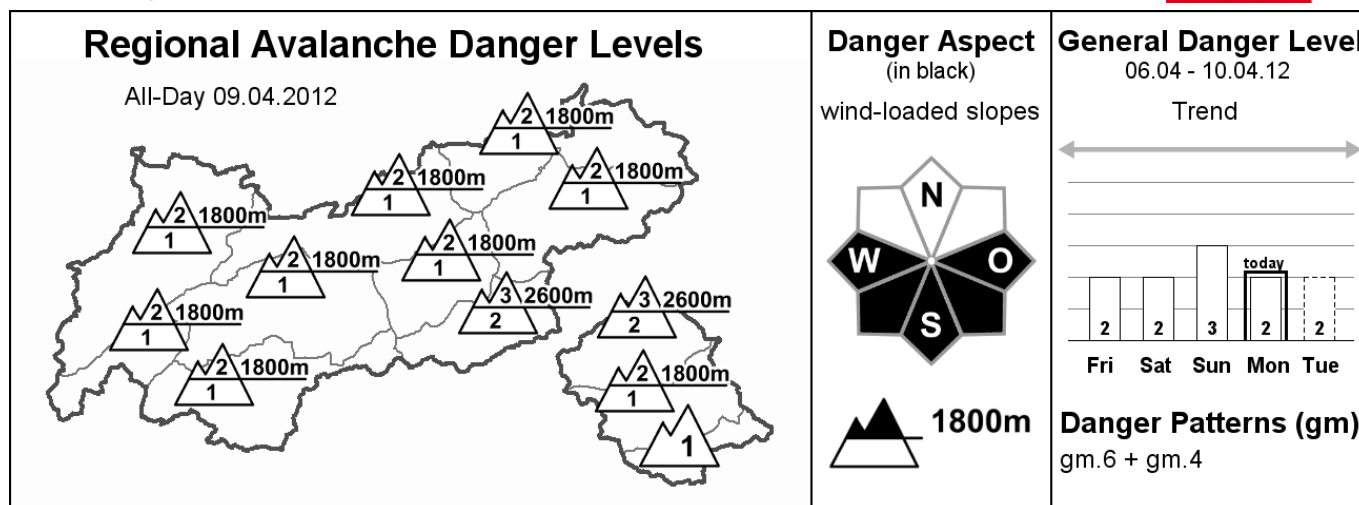


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Monday, 09.04.2012, at 07:30



### Caution urged towards fresh snowdrift

#### AVALANCHE DANGER

The avalanche danger is contingent on altitude. Below about 1800 m, low danger prevails. Above that altitude, the danger level is moderate. In the Zillertal Alps and East Tirolean Tauern above 2600 m, the danger level is considerable. Avalanche prone locations are to be found most frequently on very steep, east to south to west facing slopes in the form of snowdrift accumulations. The frequency of danger zones increases with ascending altitude and is, in addition, highly irregular, due to the varied snowfall, even across small surface areas. The advantage is: with a certain experience in evaluating avalanche hazards, the drifted snow masses are easily discernible. Caution is also urged on very steep, north facing slopes where the snow is shallow, especially in the regions along the Main Alpine Ridge above approximately 2300 m, where slab avalanches can still be triggered in isolated cases by large additional loading. Full depth snowslides are also still a threat on steep, grassy slopes, although they are expected below about 2400 m only rarely today.

#### SNOW LAYERING

Over the last 24 hours there has been additional snowfall, highly irregularly distributed even over small surface areas, usually amounting to about 10 cm; in the Zillertal Alps, the East Tirolean Tauern, the Northern Alps and the northern Stubai Alps there was as much as 25 cm of new fallen snow from place to place. The wind was blowing highly irregularly as well; in places it was strong, transporting the fresh fallen snow. A potential bed surface for slab avalanches can be found in eastern to southern to western aspects between about 1800 and 2400 m: a just formed, thin, faceted layer at the borderline between moist old snow and recently fallen snow. Elsewhere, the borderline between cold, loosely packed new fallen snow and snowdrift might also serve as a bed surface for avalanches, as well as a layer of faceted snow near the ground on northern slopes above approximately 2300 m.

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

Weather in general: A northwesterly airstream, in which a warm front is embedded, will brush by the northern flank of the Alps during the course of the day. On Tuesday, a foehn front will arrive; on Wednesday, precipitation will bring foehn conditions to an end. Mountain weather today: over the course of the morning on the northern flank of the Alps, the sun will slowly be pushed back by clouds moving in above the summits, visibility will deteriorate. This afternoon, the higher peaks of the northern Limestone Alps will be veiled in cloud and a bit of light snowfall is expected in places. On the Main Alpine Ridge it will remain generally dry; in the Southern Alps, sunny to start with, then high altitude clouds moving in this afternoon. Temperature at 2000 m: minus 10 to minus 2 degrees; at 3000 m: minus 15 to minus 9 degrees. Brisk northwesterly winds in the Northern Alps.

#### SHORT TERM DEVELOPMENT

Tomorrow, frequent loosely packed avalanches are expected due to rising temperatures

Patrick Nairz

Translated by Jeffrey McCabe