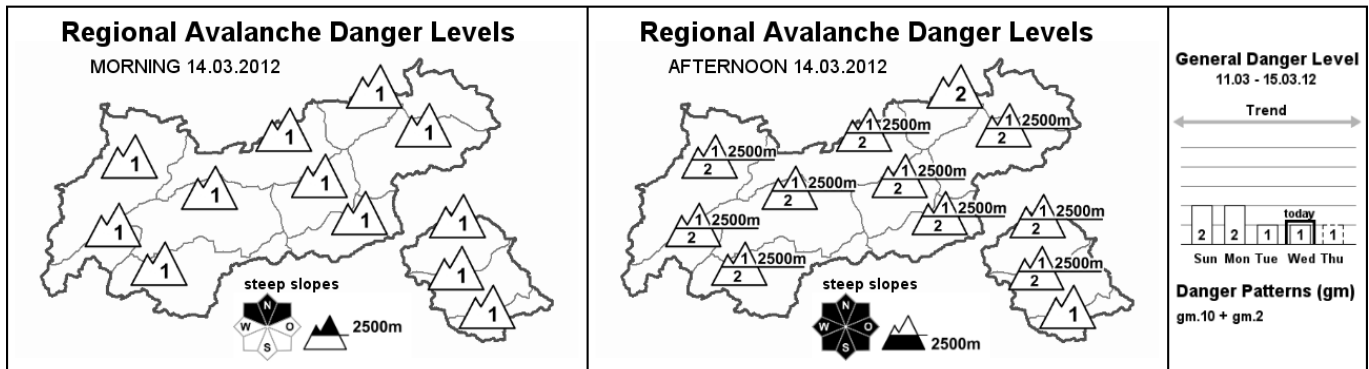


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Wednesday, 14.03.2012, at 07:30



## Favourable backcountry touring conditions, danger rising during the day

### AVALANCHE DANGER

Favourable conditions prevail, corresponding to a daytime cycle in avalanche danger. During the morning, the danger level is generally low. As of midday it rises to moderate overall, as the snowpack becomes moist below about 2500 m and in extremely steep, sunny terrain, backcountry skiers and freeriders can then trigger wet, loosely packed avalanches. The likelihood of full depth snowslides also escalates over the course of the day, even though they will be seldom, because so many avalanches released at low and intermediate altitudes at the beginning of March; and because the snowpack will not become as thoroughly wet today, since the air masses are so dry.

### SNOW LAYERING

The snowpack has settled well in general, it is stable and solid. On steep, shady slopes above approximately 2200 m, there is still powder snow; in the other aspects at low and intermediate altitudes there is a melt-freeze crust capable of bearing loads, which becomes increasingly breakable with ascending altitude. At high altitudes, the snowpack surface has been heavily impacted by wind. There are currently next to no weak layers inside the snowpack; at worst, the shady, steep slopes above about 2500 m where the snowpack is shallow evidence faceted crystals. In high alpine regions, in addition, the fundament from autumn still consists of depth hoar, although this is not expected to release

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

Weather in general: Tirol is in the path of dry air masses and a powerful high pressure system above western Europe. Even the moisture near the ground is expected to dry out. This high will dominate through the weekend. Mountain weather today: excellent conditions. Above 1300 to 1600 m, sunshine will be unimpeded from the start, with outstanding visibility and relatively mild temperatures, the freezing level being at about 2600 m. Temperature at 2000 m: plus 4 degrees; at 3000 m: minus 3 degrees. Light to moderate northwesterly to northerly winds, at high altitudes winds will be brisker.

### SHORT TERM DEVELOPMENT

Favourable conditions will continue, avalanche danger linked to the daytime cycle

Patrick Nairz

Translated by Jeffrey McCabe