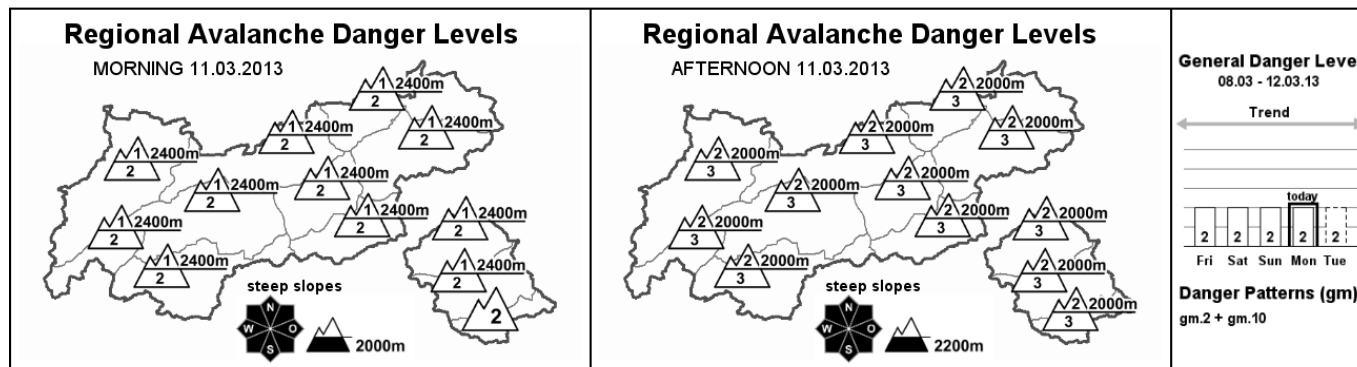


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Monday, 11.03.2013, at 07:30



## Rising daytime danger level, beware full depth snowslides

### AVALANCHE DANGER

The avalanche danger is contingent on altitude, but also on the time of day. Below about 2400m moderate danger prevails this morning, above that altitude the danger level is low. As daytime warming makes its impact felt, moistening and softening the snowpack further, the danger below about 2000m will rise to considerable this afternoon. Between 2000 and 2400m the danger level is moderate; above that altitude, low. The greatest peril stems from full depth snowslides on steep, grass-covered slopes, usually "announced" by glide cracks in the snowpack surface - for that reason avoid areas beneath glide cracks! On extremely steep, sunny slopes, in addition, isolated naturally triggered loosely packed avalanches are likely this afternoon, especially below 2000 m. Snowdrift masses near ridgelines on steep, shady slopes have consolidated sufficiently, but the situation in southern East Tirol on very steep, shady slopes above about 2200m is less favourable.

### SNOW LAYERING

Springtime's march proceeds apace, leaving a strong impact on the snow cover. On sunny slopes up to about 2400m, the surface is moist at very least, at low altitudes thoroughly wet. On shady slopes it is wet up to about 2000m. Last night, except in thickly forested areas, a breakable crust formed, above about 1600 m capable of bearing loads. Wide ranging weak layers are not evident inside the snowpack; in isolated cases where the snow is shallow there are faceted snow crystals and depth hoar, but the hazards they present are not great. What matters most at the moment is the loss of firmness in the snowpack due to its moistening.

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

Weather: Large parts of Europe, including Tirol, lie in the path of a low pressure zone which is bringing quite moist and increasingly cold air masses to the Alps. Mountain weather today: varying visibility and light, intermittent sunshine, most of which will be on the Main Ridge and in the Southern Alps. Isolated showers are possible, especially this afternoon. Snowfall level at about 1200m in the Northern Alps, at 1600m on the Main Ridge. Temperature at 2000m: minus 2 degrees; at 3000m: minus 9 degrees. Light to moderate westerly winds at high altitudes.

### SHORT TERM DEVELOPMENT

As temperatures continue to drop, avalanche danger will diminish

Patrick Nairz

Translated by Jeffrey McCabe