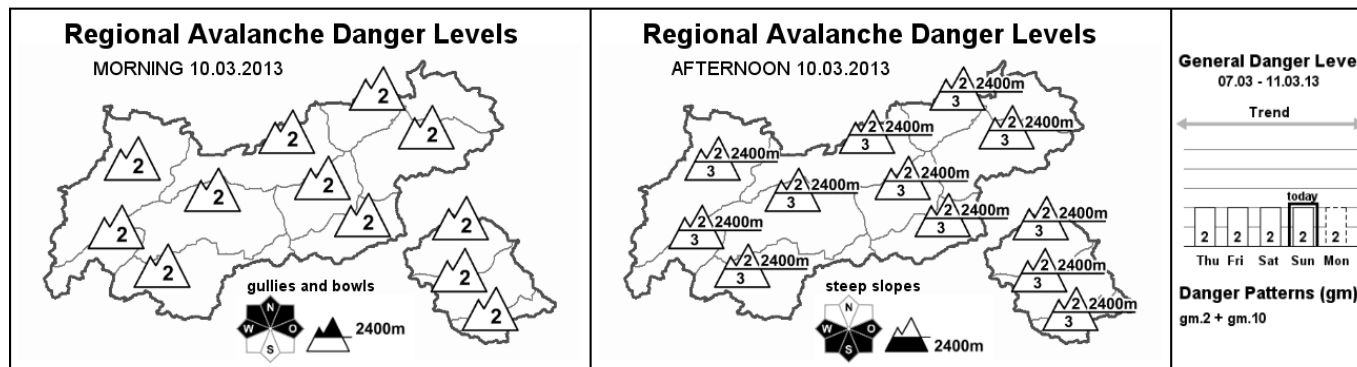


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Sunday, 10.03.2013, at 07:30



## Rising peril of wet avalanches and full depth snowslides during the day

### AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions is moderate widespread. Locations prone to dry slab avalanches are to be found in high alpine, shady terrain where the snowdrift accumulations which formed until mid-week are often still brittle and can be triggered by large additional loading. Drifted gullies and bowls in particular, as well as transition areas from deep to shallow snow, should be assessed with great care. At low and intermediate altitudes, the thoroughly wet snow cover ongoingly loses firmness through daytime warming and solar radiation. Even in the morning, caution is urged towards naturally triggered wet snow avalanches and full depth snowslides. This peril can reach the level CONSIDERABLE on grassy, steep slopes.

### SNOW LAYERING

Over the last 24 hours there has been 10-15 cm of snowfall along the Main Alpine Ridge, in inneralpine regions and in East Tirol. The snowfall level was generally between 1500 and 1800m. The light westerly winds did not transport great amounts of fresh fallen snow. The snowpack on shady slopes up to about 2500m, on sunny slopes closer to 2400m, is thoroughly wet for the most part. Due to reduced outgoing radiation during the night the snowpack was not able to regain its firmness.

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

Weather: A low pressure front west of France continues to siphon a weak westerly current to Central Europe in which a number of perturbances are embedded. By mid-week this low, together with low air pressure over Scandinavia, will bring cold, arctic air to Tirol. Mountain weather today: Tirol's mountains are subject to an east-west division, as in recent days. In the Upper Inn Valley of North Tirol skies will soon be partly cloudy with bright spells and good visibility; in the Lower Inn Valley many summits will be hidden in cloud; and in East Tirol snow showers above 1200m can be expected into the afternoon. Temperature at 2000m: plus 2 degrees; at 3000m: minus 8 degrees. Light to moderate westerly winds at high altitudes.

### SHORT TERM DEVELOPMENT

Daytime cycle of avalanche danger

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Translated by Jeffrey McCabe