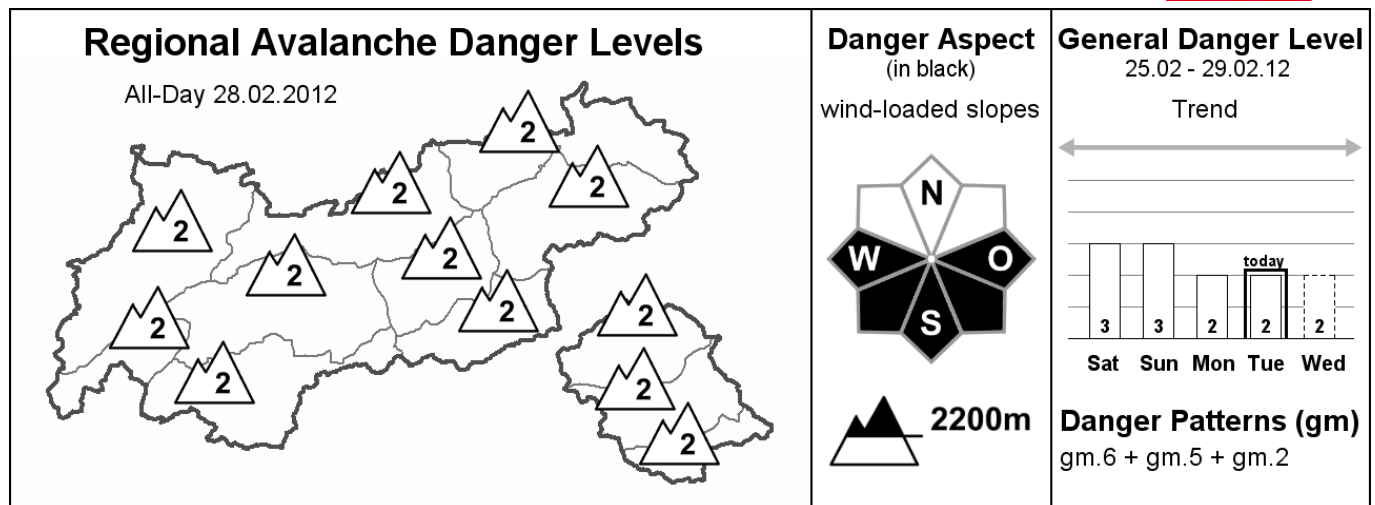


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Tuesday, 28.02.2012, at 07:30



**Moderate danger - Caution on steep, shady slopes - Beware full depth snowslides**

### AVALANCHE DANGER

Quite favourable conditions prevail in general, amidst moderate avalanche danger. Three particular dangers require caution: Since Sunday at high altitudes, fresh snowdrift has accumulated which can still be triggered above approximately 2200 m in very steep, sunny ridgeline areas in isolated cases. The avalanche prone locations are generally small sized. Then, on very steep, shady slopes between about 2000 and 2400 m, restraint is called for: in those places, the old snowpack can be released and slab avalanches triggered, particularly by large additional loading. Full depth snowslides still are a peril on steep, grassy slopes. Imminent danger of such avalanches is often signaled by glide cracks in the snowpack; thus, areas below such cracks should be avoided.

### SNOW LAYERING

The recent snowfall settled and consolidated well yesterday. Fresh snowdrift is only trigger sensitive at high altitude when it borders loosely packed new fallen and drifted snow. The snowpack in shady terrain between about 2000 and 2400 m in wind protected zones is the least favourable, relatively speaking. The snowpack in this zone still has a faceted layer from the cold wave whose bonding to the snow deposited on top of it is inadequate. At low and intermediate altitudes, the old snowpack is thoroughly wet. However, beneath the fresh fallen snow, at least on sunny slopes, is usually a melt freeze crust which is more or less capable of bearing loads.

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

Weather in general: A high pressure system is further extending its influence from the Atlantic. A warm front embedded in the thinning northerly air current will bring the eastern regions some precipitation today. As of tomorrow, Wednesday, the Atlantic high will increase its dominance from the west, the air masses will become drier and milder temperatures are anticipated for the latter part of the week. Mountain weather today: high altitude cloudbanks will sweep over the summits as far as East Tirol's Tauern Ridge. This morning, intermittent bright intervals; this afternoon, deteriorating visibility, the summits will become increasingly shrouded in cloud and light to moderate snowfall is expected between the Northern Limestone Alps and the Zillertal Alps. Temperature at 2000 m: minus 3 degrees; at 3000 m: minus 9 degrees. Moderate to strong northerly winds.

### SHORT TERM DEVELOPMENT

The daytime warming cycle plays an ever more important role in avalanche danger

Patrick Nairz

Translated by Jeffrey McCabe