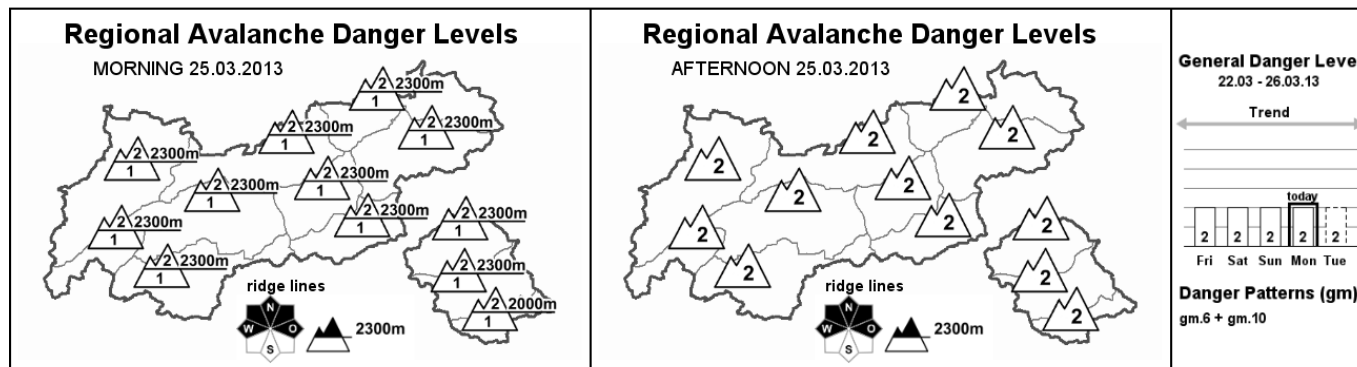


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Monday, 25.03.2013, at 07:30



### Generally favourable avalanche situation, slight daytime danger cycle

#### AVALANCHE DANGER

The avalanche danger is contingent on both altitude and on the daytime warming cycle. This morning above approximately 2300m the danger level is moderate; below 2300 m it is low, although in the early afternoon it will rise to moderate even at low and intermediate altitudes. There are two danger factors: recently formed snowdrift accumulations above about 2300 m on very steep W-NW to N to E-NE facing slopes can be triggered by large additional loading (most of these danger zones are near ridgelines). Second, the snowpack at low and intermediate altitudes will become moist and lose firmness during the course of the day. In extremely steep terrain, small loosely packed slides can be released by skiers and freeriders. Full depth snowslides have become more seldom but are still possible wherever glide cracks appear in the snowpack surface.

#### SNOW LAYERING

The few centimeters of fresh fallen snow over the last 24 hours will have no significant effect on the avalanche danger level. The snowpack is well structured, weak layers are rare, mostly above about 2300m near melt-freeze and wind-hardened crusts which formed before 10 March. Snow analysis has shown that these layers are not easily released. The snow quality is highly varied, extending from powder in steep, wind protected terrain above about 2000m to breakable crusts and crusts which are capable of bearing loads, especially on steep, sunny slopes below about 2200m.

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

Weather: The Alps lie in the path of a ground-level easterly airstream which is bringing cold air masses our way. At high altitudes, a weak southerly air current is quickly losing its strength. Mountain weather today: around the Inn Valley bright spells and diffuse light are expected, but cloud will become heavier. On the Main Ridge and southwards therefrom, increasingly foggy, extending towards the Lechtal Alps, amidst light snowfall bringing about 5 cm of new fallen snow by tomorrow morning. Temperature at 2000m: minus 6 degrees; at 3000m: minus 11 degrees. Light northeasterly winds.

#### SHORT TERM DEVELOPMENT

The favourable avalanche situation will continue

Patrick Nairz

Translated by Jeffrey McCabe