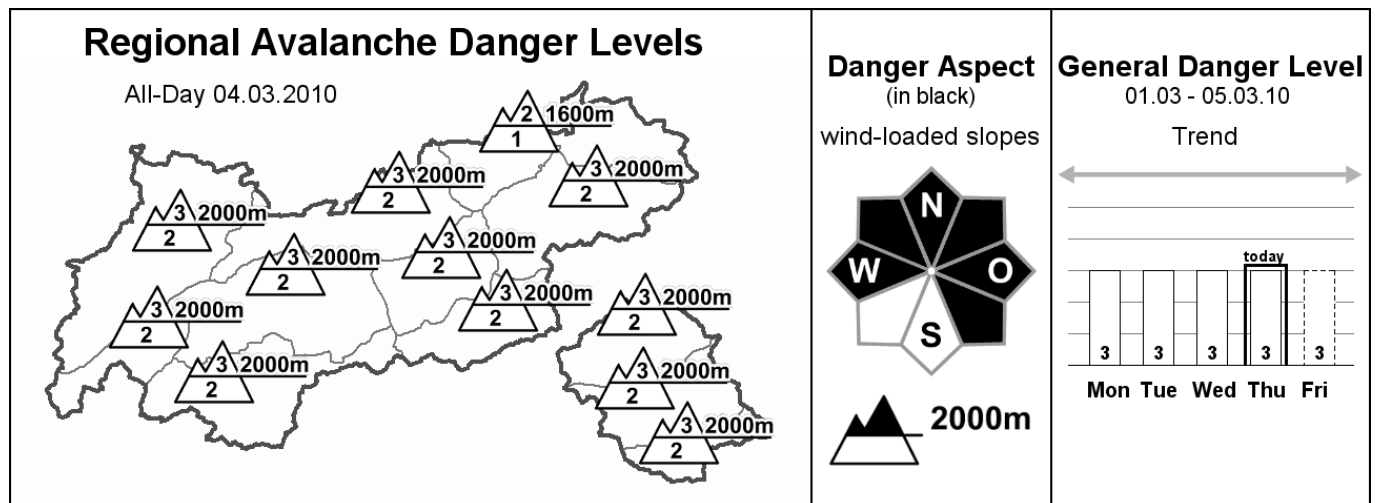


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Thursday, 04.03.2010, at 07:30



**Generally considerable avalanche danger above approximately 2000 m**

### AVALANCHE DANGER

The avalanche danger still depends on altitude: above approximately 2000 m, considerable danger persistently prevails far and wide, below that altitude it is moderate, below about 1600 m it is low widespread. Although the snowpack's proneness to triggering has subsided somewhat, great caution is still necessary, especially when ascending or descending very steep terrain. The conditions near the treeline and just above it, particularly on west-northwest to north to east-northeast facing slopes are most unfavourable. The snowpack has not consolidated sufficiently on sun bathed slopes above approximately 2400 m, which means that even minimum additional loading can trigger avalanches in such places. However, slab avalanches can also be released on hardened, wind-compressed snow surfaces, particularly in transition areas from shallow to deep snow. The conditions on heavily frequented routes and standard tours are more favourable.

### SNOW LAYERING

Yesterday on an exploratory flight in a military helicopter based in Schwaz, a wide ranging impression of the current avalanche situation and the state of the snowpack layering was possible. Below about 2000 m the snowpack has stabilised due to the ongoing shift from warm daytime temperatures and nighttime cooling accompanied by outgoing radiation. Very steep, shade covered slopes just below 2000 m are an exception. In general, quite massive layers of depth hoar were evident in high alpine regions near the ground yesterday, interspersed with thin melt freeze crusts and deep layers of old snowdrift. Above approximately 2200 m in the northern sector, in addition, there is still surface hoar which could serve as a bed surface for slab avalanches.

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

Clouds and light snowfall intermittently. In the evening and during the night tonight, temperatures will drop significantly. Temperature at 2000 m: minus 6 to minus 9 degrees; at 3000 m: minus 12 degrees. Moderate northeasterly winds.

### SHORT TERM DEVELOPMENT

No significant change in avalanche situation.

Patrick Nairz

Translated by Jeffrey McCabe