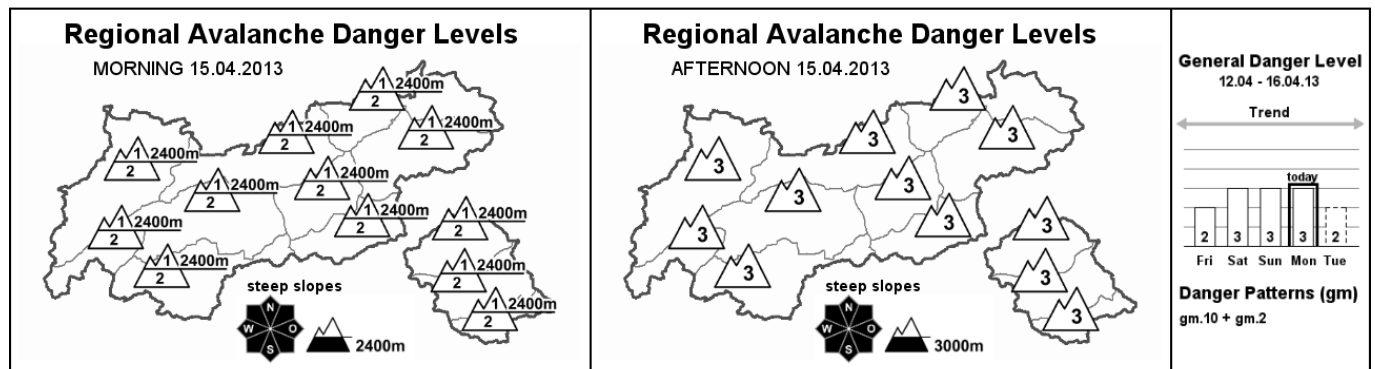


# Avalanche Bulletin

## of the Avalanche Warning Service Tyrol

Monday, 15.04.2013, at 07:30



## Sharp daytime rise in avalanche danger

### AVALANCHE DANGER

Attention: the avalanche danger today is subject to a marked daytime danger cycle! In the early morning hours the danger above approximately 2400m is generally low; below 2400m it is moderate. Already during the morning, the danger level will swiftly rise to at least considerable, level 3, below 3000m. Even minimum additional loading is sufficient to trigger an avalanche, i.e. the weight of a single person. In addition, naturally triggered wet, loose snow avalanches and full depth snowslides - but also slab avalanches - are expected. In isolated cases, such avalanches can fracture down to more deeply embedded layers inside the snowpack and attain larger size. That, in turn, could endanger exposed transportation routes. Skiing and freeriding tours in outlying terrain should without fail be brought to a close early in the day!

### SNOW LAYERING

The snow cover on shady slopes below about 2200m, on sunny slopes below about 2800m is already thoroughly wet. During a night of clear skies, there was sufficient outgoing nocturnal radiation for a melt-freeze crust capable of bearing loads to form. However, through the daytime warming and intense solar radiation it will rapidly lose its firmness through the morning.

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

Weather: A high with its center over Russia is bringing us sunny, warm and dry weather. By tomorrow this high pressure zone will weaken and on Tuesday a weak perturbation will bring unstable, moist Atlantic air to Tirol. Mountain weather today: brilliant sunshine, superb visibility, unusually mild at all altitudes, the zero-degree level this afternoon at about 3300m. Temperature at 2000m: plus 10 degrees, at 3000m plus two degrees. Light winds at all altitudes.

### SHORT TERM DEVELOPMENT

Daytime danger cycle of avalanche danger

Rudi Mair

Translated by Jeffrey McCabe