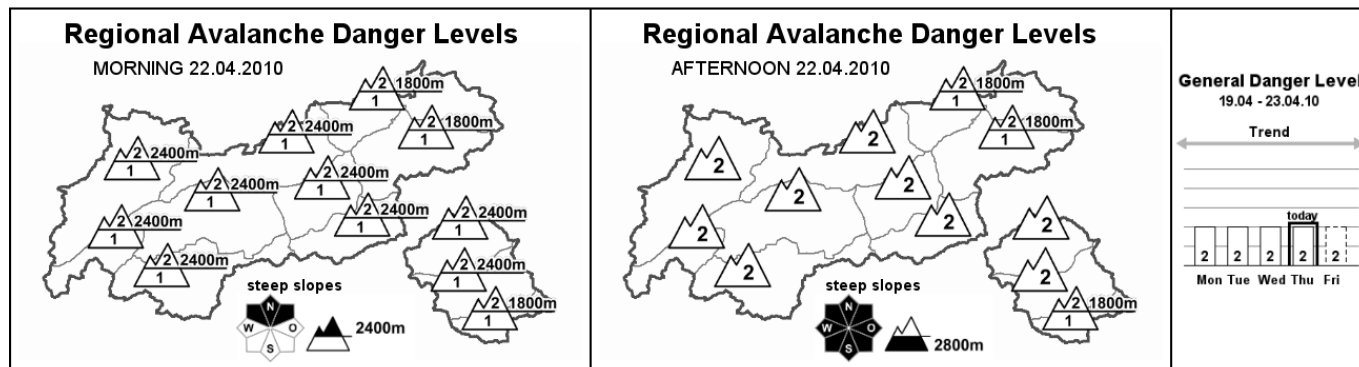


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Thursday, 22.04.2010, at 07:30



In early morning, favourable conditions - rising danger during daytime cycle

AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions is again subject to a daytime warming cycle. In the early morning hours, conditions are generally favourable, the peril far and wide is low. As of late morning, the snowpack will lose its firmness and the hazards will increase. Below about 2800 - 3000 m, naturally triggered moist snowslides and wet snow avalanches can be expected. For that reason, backcountry skiing and freeriding tours should be brought to a close early in the day. Isolated avalanche prone locations for dry slab avalanches are still to be found on steep, northwest to north to northeast facing slopes above approximately 2400 m.

SNOW LAYERING

Last night the skies were clear, thus the snowpack's outgoing radiation was sufficient to consolidate the crust. But even in the morning hours, the snowpack will forfeit that firmness, due to solar radiation and daytime warming. At low and intermediate altitudes, the snowpack is thoroughly wet and the slopes continue to become bare of snow, due in particular to the below average snow depths. In high alpine regions, the latest round of snowfall is often moist. Beneath it are surface crusts of varying thickness. The fundament consists largely of faceted, unbonded snow crystals.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a westerly air current is bringing high altitude clouds to the Alpine regions. Mountain weather today: pleasant mountain weather to begin with, the high altitude clouds are no impediment. This afternoon, the eastern Dolomites, the Carnic Alps and the Ortler range will be subject to isolated showers. Temperature at 2000 m: plus 2 degrees; at 3000 m: minus 4 degrees. Moderate southwesterly to westerly winds at high altitudes.

SHORT TERM DEVELOPMENT

Warming cycle will increase avalanche danger over the course of the day.

Rudi Mair

Translated by Jeffrey McCabe