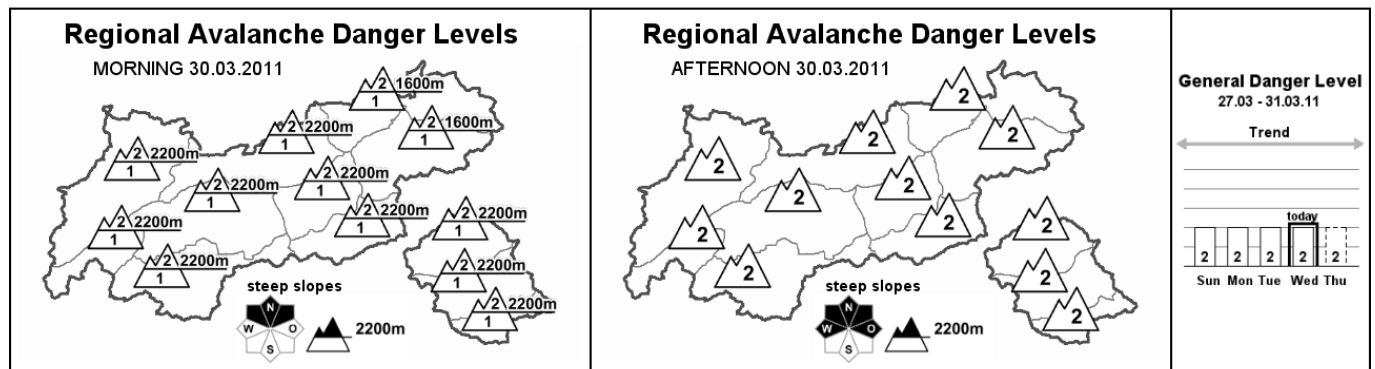


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Wednesday, 30.03.2011, at 07:30



Spring-like conditions, daytime rise in avalanche danger

AVALANCHE DANGER

In Tyrol's backcountry touring regions, generally spring-like conditions prevail, accompanied by heightening avalanche danger over the course of the day. Avalanche prone locations for dry, slab avalanches are to be found mainly on steep, northwest to north to northeast facing slopes above approximately 2200 m. Triggering an avalanche is generally possible only through large additional loading, i.e. when an entire group enters a slope simultaneously. Below 2400 m, on sunny slopes below 2800 m, increasingly frequent naturally triggered moist sluffs and wet snow avalanches are likely. Thus, skiing and freeriding tours in outlying terrain should be brought to an end early in the day.

SNOW LAYERING

Far and wide, the snowpack up to intermediate altitudes, on sunny slopes even further up, is thoroughly wet. Last night the cloud cover was very sparse, thus permitting adequate outgoing longwave radiation which led to the formation of a melt freeze crust on the surface. This crust will soften up during the day, the snowpack will forfeit its firmness. In high alpine regions, caution is urged on shady slopes between 2200 and 2800 m, where faceted, loose layers of snow crystals are embedded inside the snowpack, making it relatively easy to trigger.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: quite flat conditions reign throughout central Europe currently. From the west, weak disturbance fields traverse Tyrol repeatedly. On the weekend, the high pressure system will regain dominance and it will become milder. Mountain weather today: on the Main Alpine Ridge and, in particular, southwards therefrom, sunshine and a few harmless cloudbanks and convective cloud. Along the Northern Alps, increasing risk of showers this afternoon. Snowfall level at about 1900 m. Temperature at 2000 m: plus 1 degree; at 3000 m: minus 6 degrees. Generally light westerly winds at high altitudes.

SHORT TERM DEVELOPMENT

Continuing springtime conditions, heightening danger during the day

Rudi Mair

Translated by Jeffrey McCabe