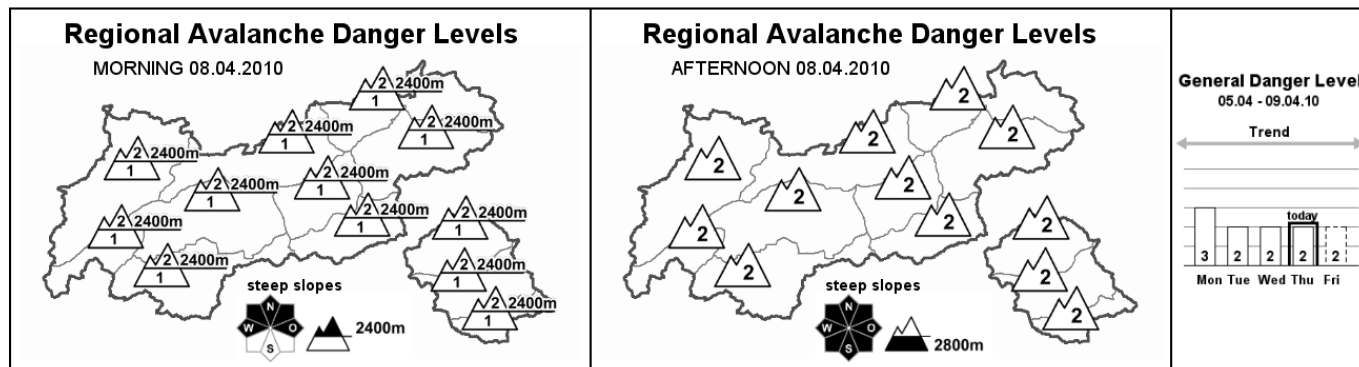


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Thursday, 08.04.2010, at 07:30



Escalating avalanche danger over course of the day

AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions is subject to a daytime warming cycle. During the morning hours, backcountry touring conditions are favourable, in some places even low. Isolated danger zones for dry slab avalanches are to be found on steep, shady slopes above approximately 2400 m. The snowpack will rapidly forfeit its firmness during the morning due to the effects of strong solar radiation and daytime warming, causing the avalanche danger to increase. Particularly below about 2800 m, on sunny slopes below 3000 m, increasingly frequent naturally triggered moist snowslides and wet snow avalanches can be expected. Backcountry skiing and freeriding tours should be brought to a close early in the day.

SNOW LAYERING

The new fallen snow and snowdrift from Easter weekend have continued to settle and consolidate. Moreover, the bonding with the old snowpack has also improved. The snow surface on shady slopes at high altitudes is often still dry and loosely packed; on sunny slopes it is moist up to approximately 3000 m. The outgoing radiation during the night was sufficient to form a surface crust capable of bearing loads in most places. At low and intermediate altitudes, the snowpack is thoroughly wet in general, and the slopes are swiftly becoming bare of snow. Caution: in high alpine regions, the fundament consists of faceted, unbonded snow crystals.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a high pressure system still dominates the Alpine regions. On the weekend, the currents will shift to northeasterly; moister and cooler air masses will be supplied to Tyrol. Mountain weather today: incomparably beautiful mild weather for backcountry skiers and freeriders, with only light winds and visibility of more than 70 km. The freezing level will rise to 2400 m. Temperature at 2000 m: plus 3 degrees; at 3000 m: minus 3 degrees. Light southeasterly winds at high altitudes.

SHORT TERM DEVELOPMENT

Daytime-warming induced rise in avalanche danger.

Rudi Mair

Translated by Jeffrey McCabe