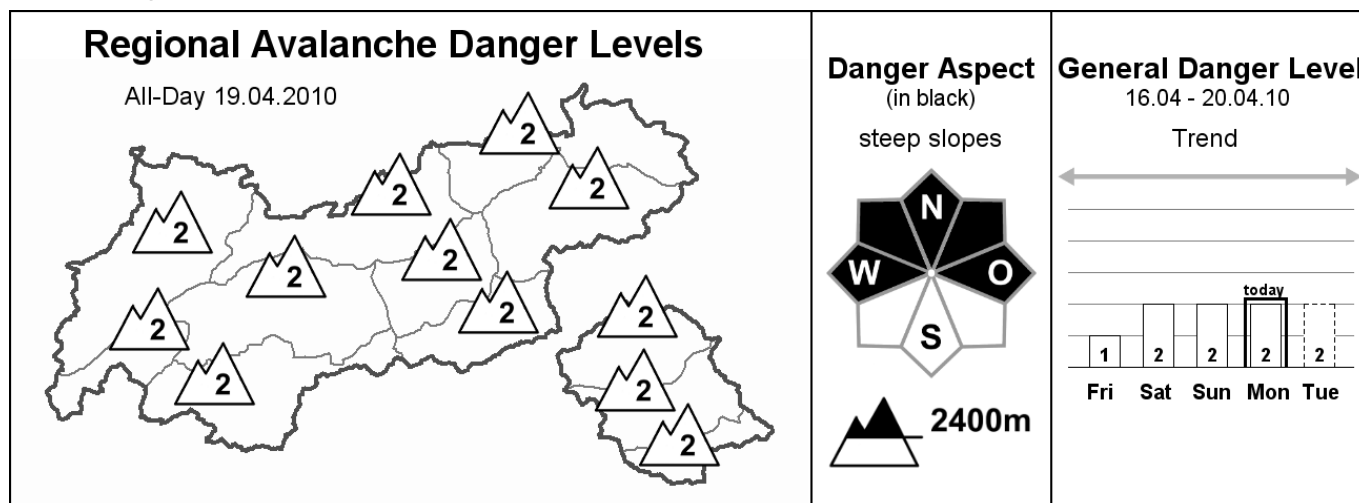


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Monday, 19.04.2010, at 07:30



Avalanche danger is moderate far and wide

AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions is predominantly moderate. Danger zones for dry slab avalanches are to be found primarily on steep, west to north to east facing slopes above approximately 2400 m. Avalanches can be triggered generally only through large additional loading, e.g. an entire group simultaneously descending a slope. Below about 2800 m, the hazards of naturally triggered avalanches will increase over the course of the day somewhat. Particularly on sun bathed slopes, naturally triggered moist snowslides and wet snow avalanches are possible.

SNOW LAYERING

A small disturbance passed across the skies above Tyrol yesterday, bringing close to 20 cm of snowfall in the regions of Arlberg/Ausserfern, Silvretta and the western Main Alpine Ridge, elsewhere maximum 10 cm. The snowpack below about 2400 m is thoroughly wet. As last night was cloudy, the snowpack could not consolidate appreciably, no melt freeze crust capable of bearing loads was able to form. In high alpine regions, the fragile snow layering still matters: the snow base consists largely of faceted, unbonded snow crystals. In addition, the latest round of snowfall is inadequately bonded with the old snowpack in many places.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: the low pressure system and its front have moved eastward, a weak high pressure system from the west is now exercising its influence. The air is becoming drier. However on Tuesday, the next disturbance will approach from the northwest. Mountain weather today: sunshine will dominate. Some clouds and fog will cling to the mountain flanks, but they will transform to harmless convective cloud over the course of the day. Freezing level towards 2200 m and rising. Temperature at 2000 m: minus 2 to plus 1 degree; at 3000 m: minus 7 degrees. Light to moderate westerly to northwesterly winds at high altitudes

SHORT TERM DEVELOPMENT

Variable conditions, with daytime cycle of increasing avalanche danger.

Rudi Mair

Translated by Jeffrey McCabe