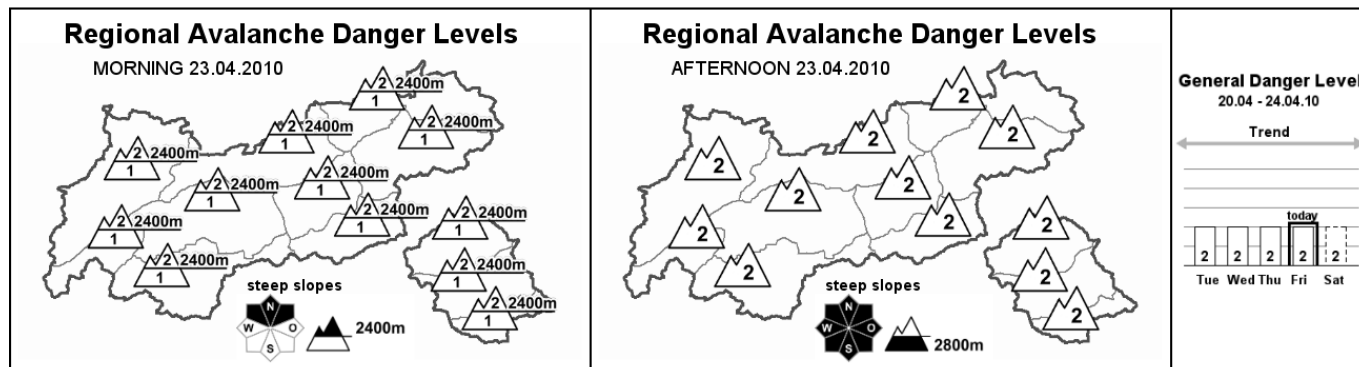


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Friday, 23.04.2010, at 07:30



Favourable conditions in early morning, but rapidly rising danger

AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions is subject to a daytime warming cycle. In the early morning, conditions are predominantly favourable, the danger level below about 2400 m is low. During the morning, the snowpack will swiftly lose its firmness and the danger level will climb, in some places even to danger level "considerable" - Level 3! Avalanche prone locations for dry slab avalanches are to be found primarily on steep, northwest to north to northeast facing slopes above approximately 2400 m, where avalanches can be triggered even by minimum additional loading, e.g. the weight of one single backcountry skier or freerider. In all expositions, the danger of naturally triggered wet snow avalanches will increase over the course of the day. On sunny slopes, this danger is pronounced below about 3000 m, on shady slopes below about 2400 m. Backcountry tours should under all circumstances be brought to a close early in the day!

SNOW LAYERING

Last night the skies were clear, the snowpack's outgoing radiation was sufficient to consolidate. But this morning, the increasing temperatures, together with strong solar radiation, will make the snowpack forfeit its firmness rapidly. Particularly on shady slopes, fractures are possible deep down inside the snowpack, due to the fragile snow layering. Such avalanches can subsequently attain larger size.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Tyrol lies in a zone between a high in the north and a low above the western Mediterranean. The low is moving eastwards. Thus, weekend weather will be dominated by the high pressure system. Mountain weather today: on the northern flank of the Alps, pleasant mountain and leisure weather conditions. Sunshine for awhile, but cloudbanks will increase over the day. This afternoon, convective cloud will build up, as of mid-afternoon short rain showers are possible, snowfall level at 2300 m. From the Main Alpine Ridge southwards, overcast and partly foggy, the tendency of showers is higher. Temperature at 2000 m: between plus 3 and plus 7 degrees; at 3000 m: minus 3 degrees. Light to moderate southwesterly winds.

SHORT TERM DEVELOPMENT

Rising avalanche danger over the course of the day.

Rudi Mair

Translated by Jeffrey McCabe