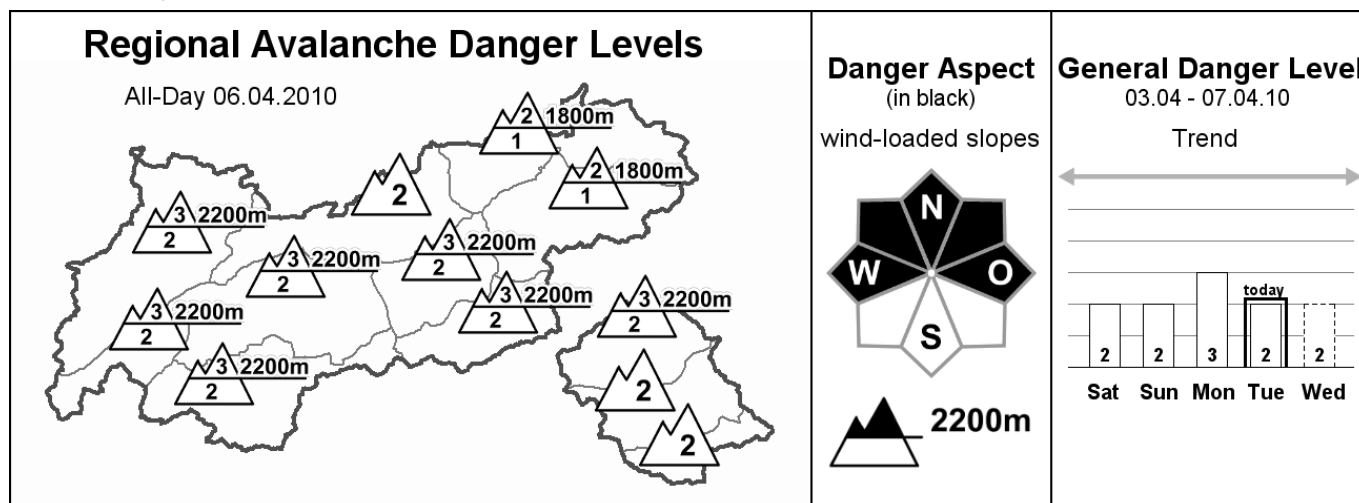


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Tuesday, 06.04.2010, at 07:30



Daytime warming will lead to increased avalanche danger over the course of the day

AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions is generally moderate, above approximately 2200 m it is still considerable in some regions. Avalanche prone locations are to be found on wind loaded slopes and in areas adjacent to ridge lines, mainly in western to northern to eastern exposition. The snowdrift accumulations which formed over Easter weekend in particular can be unleashed even by minimum additional loading, i.e. the weight of a single backcountry skier or freerider. Below about 2200 m, the snowpack will lose its firmness during the morning due to solar radiation and daytime warming. More frequent naturally triggered moist sluffs and wet snow avalanches can be expected.

SNOW LAYERING

Yesterday there were only a few light snow flurries. The new fallen snow and snowdrift from the most recent period of precipitation is rapidly settling as far up as intermediate altitudes, in accordance with the season. In high alpine regions, the freshly formed snowdrift accumulations are still inadequately bonded with the old snowpack, making them prone to triggering. The old snowpack is thoroughly wet up to intermediate altitudes, and the slopes are swiftly becoming bare of snow. The old snowpack surface usually has a melt freeze crust capable of bearing loads. In high alpine regions, caution is urged: the fundament often consists of faceted, and thus very loose, snow crystals.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: from western Europe, a high pressure system will dominate until Thursday. Towards the weekend, moister and colder air masses will arrive. Mountain weather today: the springtime cannot get any more beautiful than this. Generally, pure sunshine and cloudless skies, with new fallen snow all around. Residual fog at low altitudes of the eastern ranges in the Lower Inn Valley will disperse, and temperatures will rise noticeably during the day. Temperature at 2000 m: minus 7 to plus 3 degrees and rising; at 3000 m: minus 9 to minus 2 degrees. Generally light northwesterly winds, only in some high alpine regions will the winds be of moderate velocity.

SHORT TERM DEVELOPMENT

Escalating daytime danger due to warming cycle.

Rudi Mair

Translated by Jeffrey McCabe