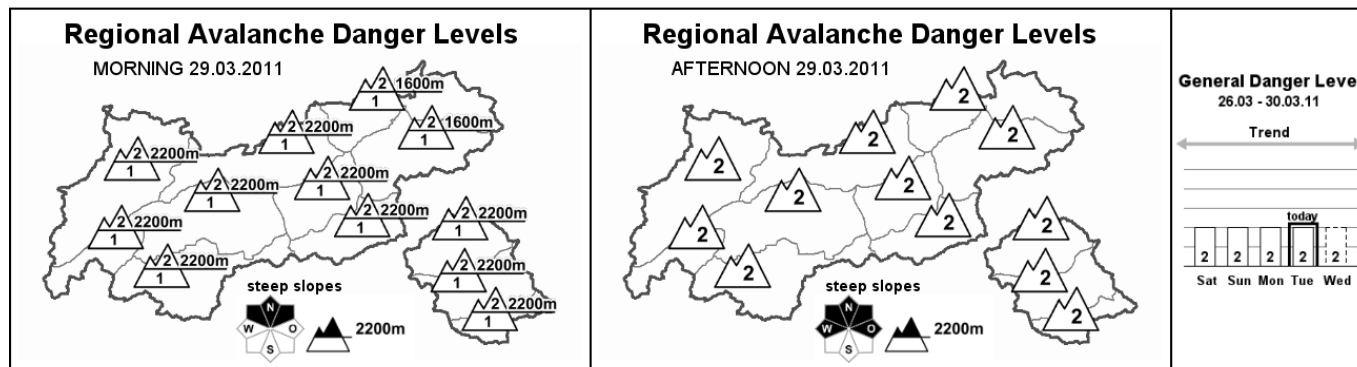


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Tuesday, 29.03.2011, at 07:30



Daytime rise in avalanche danger

AVALANCHE DANGER

The avalanche danger level in Tyrol's backcountry touring regions is by and large subject to a daytime warming cycle today. During the early morning hours, the danger is generally low. As of late morning, the snowpack will increasingly forfeit its firmness, the danger level will rise to moderate. Avalanche prone locations for dry, slab avalanches are to be found primarily on steep, northwest to north to northeast facing slopes above approximately 2200 m. In isolated cases, avalanches can be triggered even by minimum additional loading in those zones. Below about 2400 m, on sunny slopes below 2800 m, the danger of naturally triggered moist sluffs and wet snow avalanches will escalate significantly over the course of the day. For that reason, backcountry skiing and freeriding tours should be terminated early in the day.

SNOW LAYERING

The snowpack at low and intermediate altitudes is thoroughly wet far and wide. Last night, the outgoing longwave radiation was adequate, making possible the formation of a melt freeze crust which is capable of bearing loads. This crust will soften up during the morning, the snowpack will lose its firmness. In high alpine regions there was a small amount of snowfall last night. Particularly on shady slopes between 2200 and 2800 m, there are loose, faceted crystals embedded inside the old snowpack, making it prone to triggering in some places.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: an intermediate high pressure system will prevail today, from Wednesday until Friday slight disturbances will sweep through intermittently. On the weekend, the high will regain dominance and temperatures will rise significantly. Mountain weather today: outstanding weather conditions, sunshine all day long from the northern Limestone Alps over the Central Alps to the Southern Alps, merely a bit of harmless convective cloud will arise this afternoon. Temperature at 2000 m: between minus 1 and plus 3 degrees; at 3000 m: minus 6 degrees. Light, locally varying winds at high altitudes.

SHORT TERM DEVELOPMENT

Variable weather conditions, moderate avalanche danger widespread

Rudi Mair

Translated by Jeffrey McCabe