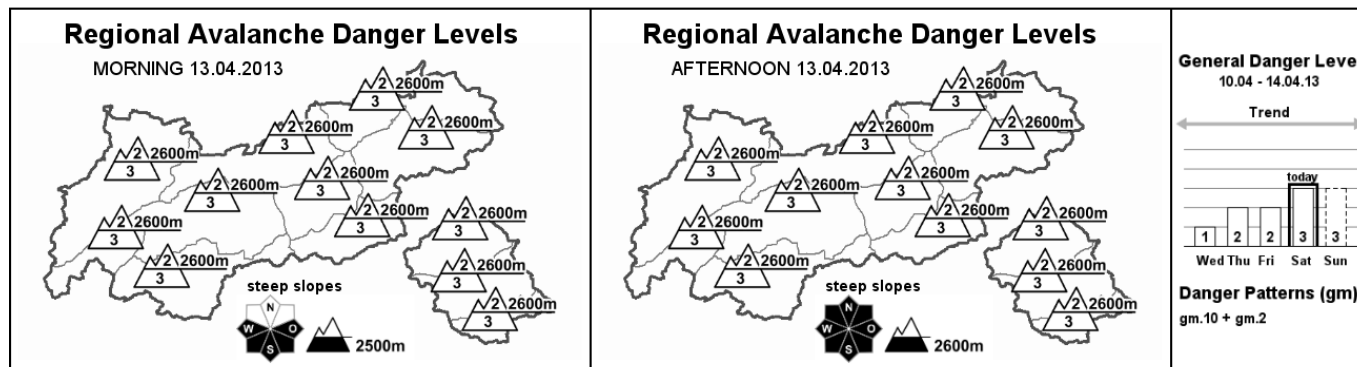


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Saturday, 13.04.2013, at 07:30



Daytime avalanche danger to rise sharply, beware wet, loose avalanches!

AVALANCHE DANGER

The avalanche danger today is subject to a daytime cycle. Whereas during the morning hours the danger level is moderate widespread, it will rise with increasing solar radiation and daytime warming (at least below about 2600m) to considerable during the morning. The major peril stems from moist and wet loose avalanches which can be triggered naturally from craggy terrain as the snow cover becomes more thoroughly wet. This applies to all aspects at low and intermediate altitudes, as well as sunny slopes at higher altitudes. Where residual cloud persists, avalanches are possible in all aspects on sunny slopes at high altitudes as well. Caution: the loose avalanches today could easily reach medium size. In addition, below about 2400m, particularly where the snow is shallow on W to N to E facing slopes, naturally triggered slab avalanches are expected this afternoon, as are full depth snowslides on steep, grassy slopes.

SNOW LAYERING

The snow cover is thoroughly wet up to 1800m due to yesterday's rain. It could not cool off sufficiently during the night. On steep, sunny slopes this degree of wetness extends up to at least 2400m. Moreover, there are no longer cold reserves embedded inside the snowpack, meaning that it will become wet even more rapidly today through direct solar radiation, thus massively forfeiting its firmness. Since weak layers are only evident where the snow is shallow, that is where the naturally triggered slab avalanches will start. Elsewhere, loose avalanches are expected.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Residual perturbances persist to start with, but the high will soon dominate, the air become drier and more stable. On Sunday and Monday, intense high pressure influence. Mountain weather today: improved, pleasant conditions, but not yet stable ones. Convective cloud will form from this morning's residual fog, a bit of high altitude cloud will pass through this afternoon. Temperature at 2000m: minus 2 to plus 2 degrees; at 3000m: minus 7 degrees. Brisk westerly winds to start with, slackening off later on.

SHORT TERM DEVELOPMENT

Good conditions in early morning, swiftly increasing danger during the day

Patrick Nairz

Translated by Jeffrey McCabe