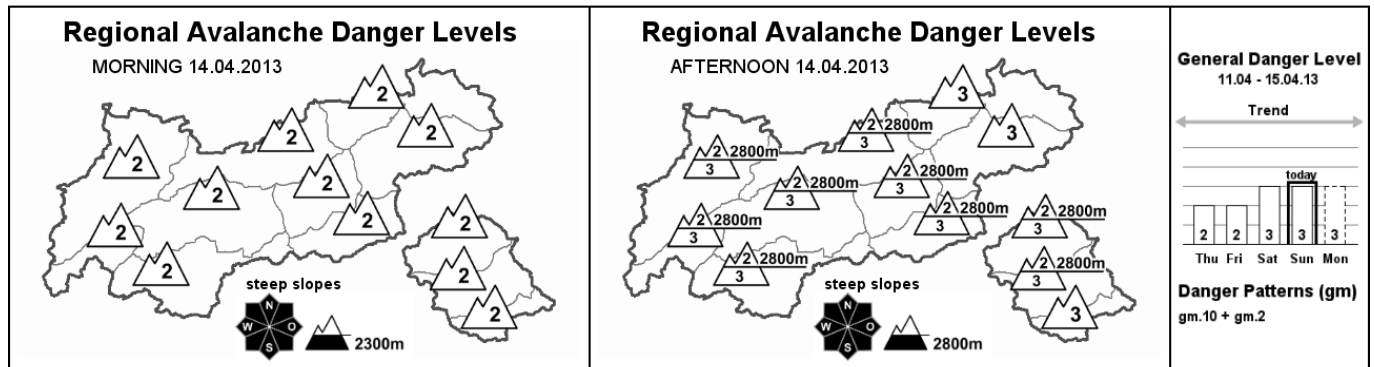


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Sunday, 14.04.2013, at 07:30



Sharp daytime rise in avalanche danger

AVALANCHE DANGER

Classic springtime conditions prevail. The danger level is moderate in the early morning, but then rises swiftly by late morning below 2800m. This is a result of increasing solar radiation and daytime warming which cause the snow cover to rapidly forfeit its firmness. We expect numerous wet avalanches below 2200m in all aspects; above that altitude mostly on sunny, extremely steep slopes. Caution: these avalanches can sweep along the snowpack down to deeply embedded layers and attain medium size! Further, on steep west and east facing slopes where the snow is shallow, isolated naturally triggered slab avalanches are possible; as are full depth snowslides on steep, grassy slopes. In high alpine regions, small drifted masses on NW to N to E facing slopes also require caution. Therefore, keep your tour to a strict time schedule today.

SNOW LAYERING

The snowpack consolidated well last night, despite the cloud cover in the latter part of the night. At low and intermediate altitudes there is a breakable melt-freeze crust atop a thoroughly wet snowpack. At higher altitudes the crust becomes more capable of bearing loads. Isolated weak layers are found where the snow is shallow: a layer of depth hoar lurks near the ground in ridgeline areas and on broad ridges above 2200m on west to north to east facing slopes. The recently accumulated snowdrift masses in high alpine regions is bonding well with the old snowpack, are thus unlikely to release.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Vorarlberg lies in the path of a powerful high whose core is over the Alps and will be touched by a weak warm front this morning, subsequently the air will become drier. Mountain weather today: diffuse light to begin with, dense cloud above the summits which will disperse to the east. It will turn increasingly sunnier throughout the day, and noticeably milder, zero-degree level over 3000m. At 2000m: plus 6 degrees; at 3000m: minus 1 degree. Moderate northwesterly winds.

SHORT TERM DEVELOPMENT

Classic springtime conditions will continue, the danger level rising noticeably through the day

Patrick Nairz

Translated by Jeffrey McCabe