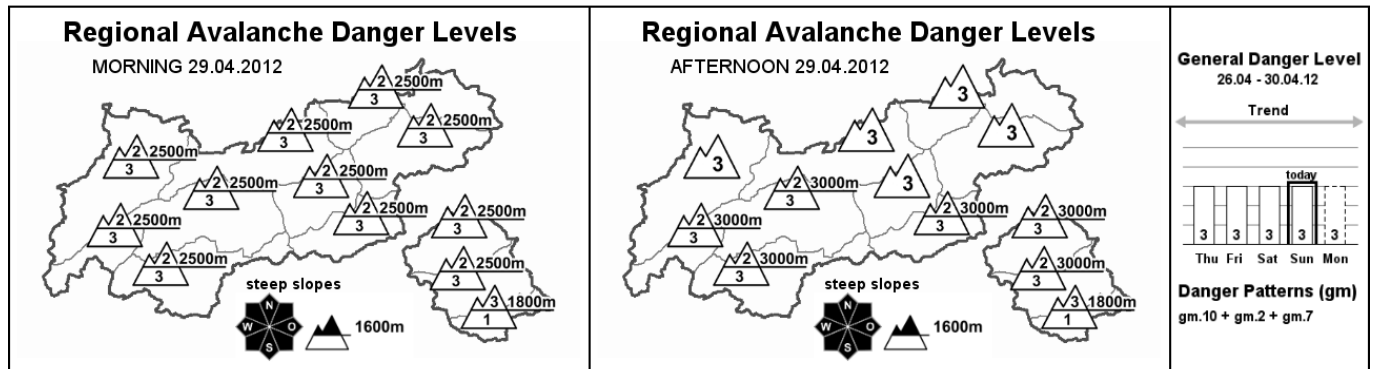


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Sunday, 29.04.2012, at 07:30



Final scheduled report of the season - in general, considerable avalanche danger

AVALANCHE DANGER

Increasingly unfavourable conditions prevail. The avalanche danger level below about 2500 m is already considerable during the morning, above that altitude it is usually moderate. As the daytime warming cycle and increasingly diffuse solar radiation take their toll, the avalanche danger below 3000 m will rise to considerable generally. Numerous wet, loosely packed snow avalanches are expected on extremely steep, sunny slopes, especially where the terrain is protected from the wind. Strong winds cool the snowpack, decelerate the rising danger. Besides loosely packed snow avalanches, even slab avalanches can be triggered, particularly above 3000 m in very steep, shady ridgeline areas where recently formed snowdrift accumulations can be released primarily by large additional loading. However, slab avalanches can also be triggered in shady, very steep terrain above approximately 2300 m where the snow is relatively shallow even by minimum additional loading. As temperatures rise, they can also be naturally triggered. In addition, full depth snowslides are possible on steep, grassy slopes.

SNOW LAYERING

The snow quality is deteriorating day by day. Last night it was partly cloudy and very warm, the snowpack barely cooled, thus today it will swiftly become wet. Weak layers for slab avalanches are to be found currently in very steep, shady terrain above approximately 2300 m where the snow is shallow; in high alpine regions to some extent at the dividing line where the loosely packed new fallen snow meets the freshly deposited snowdrift on top of it; there is also a layer of depth hoar near the ground which stems from early winter.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather in general: Tirol lies in the path of a southerly air current in the grips of a low over western France which is expected to move westward over the Atlantic next week. Above central Europe reduced pressure differences prevail; as the air masses cool they will become less stable. Mountain weather today: The foehn storm will slacken off only gradually, some sunshine is anticipated, although it will be impeded by cloud. On the Main Alpine Ridge and southwards therefrom, in addition, barrier cloud will take effect, giving rise to occasional showers this afternoon, especially between Silvretta, Brenner and Ortler. Temperature at 2000 m: 6 to 10 degrees; at 3000 m: zero to 3 degrees. The storm strength winds will die down only incrementally

SHORT TERM DEVELOPMENT

Unfavourable conditions will continue throughout the coming week, amidst generally considerable avalanche danger. Particularly in the case of diffuse solar radiation, numerous wet snow avalanches are possible. We thank all those who have assisted us throughout the season with their most helpful reports.

Patrick Nairz

Translated by Jeffrey McCabe