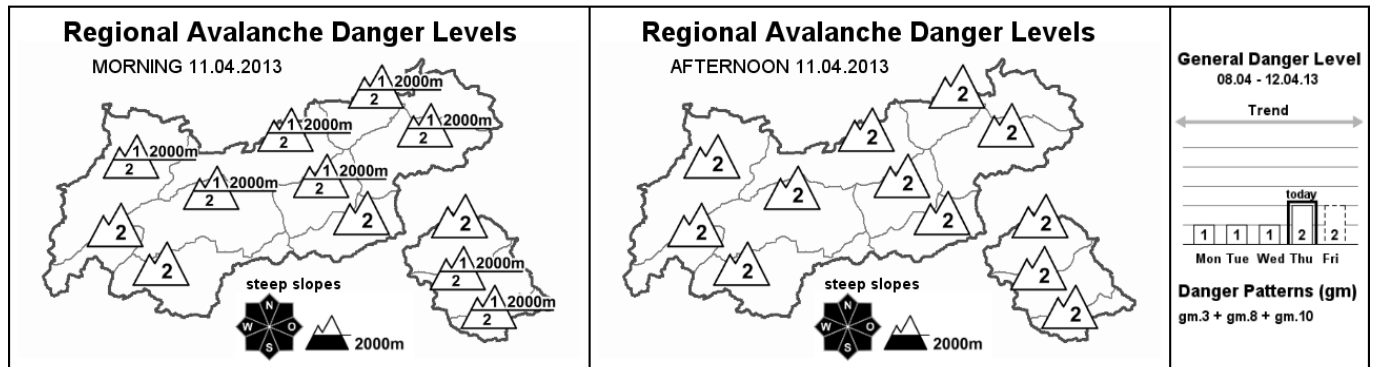


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Thursday, 11.04.2013, at 07:30



Generally moderate avalanche danger

AVALANCHE DANGER

In the regions along the Main Alpine Ridge the danger level is moderate. In the remaining regions the danger level below 2000m is moderate; above 2000m the danger level is low, although it will rise to moderate this afternoon. Avalanche prone locations are to be found below 2000m in extremely steep terrain, where the snowpack is softened from rain and daytime warming and small, loose avalanches can be triggered. In addition, with the rainfall the likelihood of full depth snowslides on steep slopes will increase somewhat. Elsewhere above 2800m, particularly from the Silvretta to the East Tirolean Tauern, caution is urged towards small, freshly drifted masses near ridgeline areas especially in shady terrain where the snow is shallow on north facing slopes. Small slab avalanches can also be released from a ground level layer of depth hoar in steep, shady terrain where the snow is shallow.

SNOW LAYERING

The temperature reserves inside the snowpack are diminishing from day to day at low and intermediate altitudes. That means the snowpack becomes thoroughly wet much more swiftly through solar radiation and rain, which has begun in the western regions, and softens. Since there are no weak layers embedded inside the snow cover at rainfall altitudes, the greatest threat is of loose avalanches and full depth snowslides on steep, grass-covered slopes. Above 2800m there is a layer of depth hoar inside the snowpack. Fresh, usually small snowdrift can thus be released there with relative ease.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: A low whose core lies west of the British Isles is sending a westerly to southwesterly high altitude current to the Alps in which a warm front is embedded, bringing not only moist but also very mild sea air to Tirol. Following a brief phase of southerly foehn winds this afternoon, a cold front will arrive tonight. As of Saturday, increasing influence of a high pressure zone. Mountain weather today: the cloud of the warm front shrouds many summits, rainfall this morning up to 2000m, especially between the western sector of the Main Ridge and the Lechtal Alps at moderate strength. This afternoon, bright intervals induced by the foehn, strong winds in the typical foehn corridors. As evening approaches, cloud will move in from the south. Temperature at 2000m: plus 3 degrees; at 3000m: minus 2 degrees. Strong to storm strength southwesterly winds.

SHORT TERM DEVELOPMENT

Favourable conditions will continue, in spite of snowfall

Patrick Nairz

Translated by Jeffrey McCabe