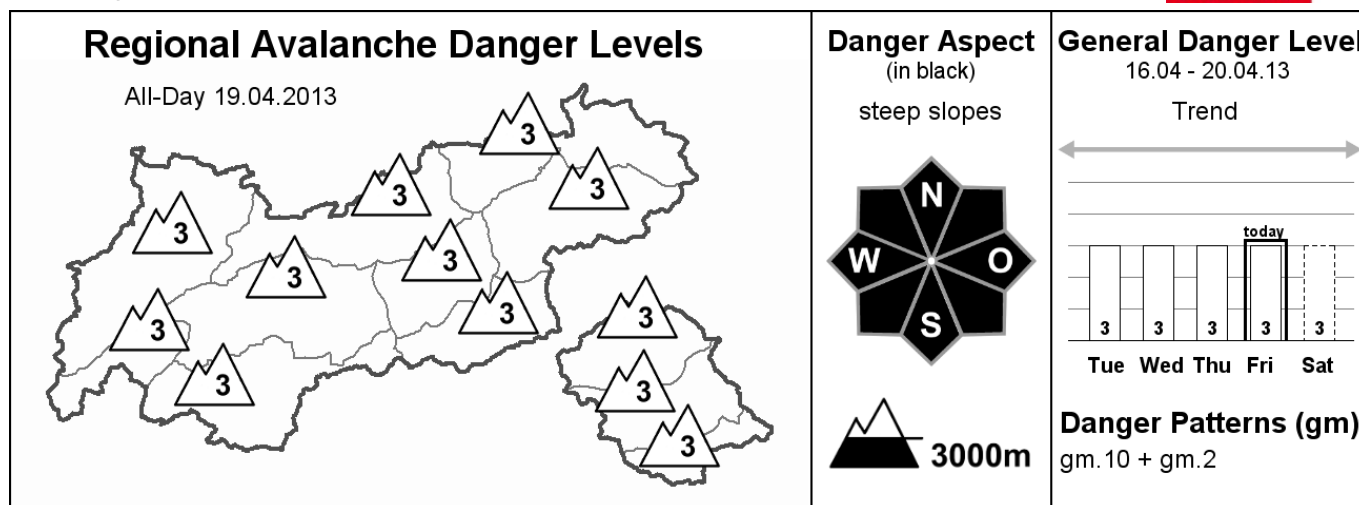


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Friday, 19.04.2013, at 07:30



Considerable danger of wet avalanches widespread

AVALANCHE DANGER

The avalanche danger in Tirol's backcountry touring regions is considerable today, amidst unfavourable conditions widespread. The major peril stems from the thoroughly wet snowpack, in which naturally triggered wet, loose avalanches and full depth snowslides can be expected even during the morning hours. They will often attain medium size, in isolated cases even large size, particularly in avalanche corridors which have not yet discharged. This could in turn endanger exposed transportation routes.

SNOW LAYERING

Last night skies were cloudy to heavily overcast, effectively hindering outgoing long wave radiation of the snowpack. Thus, it could not regain its firmness and was destabilized even in the early morning hours. This effect was further enhanced by rainfall up to intermediate altitudes. The snow cover on shady slopes below about 2600 m, on sunny slopes below about 3200 m, is thoroughly wet. An extremely high number of naturally triggered avalanches have been observed over the last few days, most of them wet, loose snow avalanches. The snow depths have receded significantly in the mild weather.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: Arising in a low over Scandinavia, a cold front will reach Tirol today from the northwest, bringing precipitation and lower temperatures. Simultaneously, a low is forming over Genoa which will dominate conditions until Saturday. On Sunday this low will withdraw. Mountain weather today: A cold front will cause weather conditions to deteriorate as of midday, bring snowfall and, south of the Alps, thunderstorms. The snowfall in the north will spread rapidly, persist through Friday night (10-30 cm by Saturday morning, most from the Silvretta to the Stubai Alps, least of all in the Kitzbühel Alps; in the Tauern maximum 20 cm) and temperatures will drop. At 2000m: plus 3 degrees, dropping to minus 5 degrees by Saturday morning; at 3000 m: minus 2 degrees, dropping to minus 10 degrees by Saturday morning. Moderate velocity southerly winds, shifting tonight to southeasterly to easterly.

SHORT TERM DEVELOPMENT

As a result of snowfall, considerable danger widespread

Rudi Mair

Translated by Jeffrey McCabe