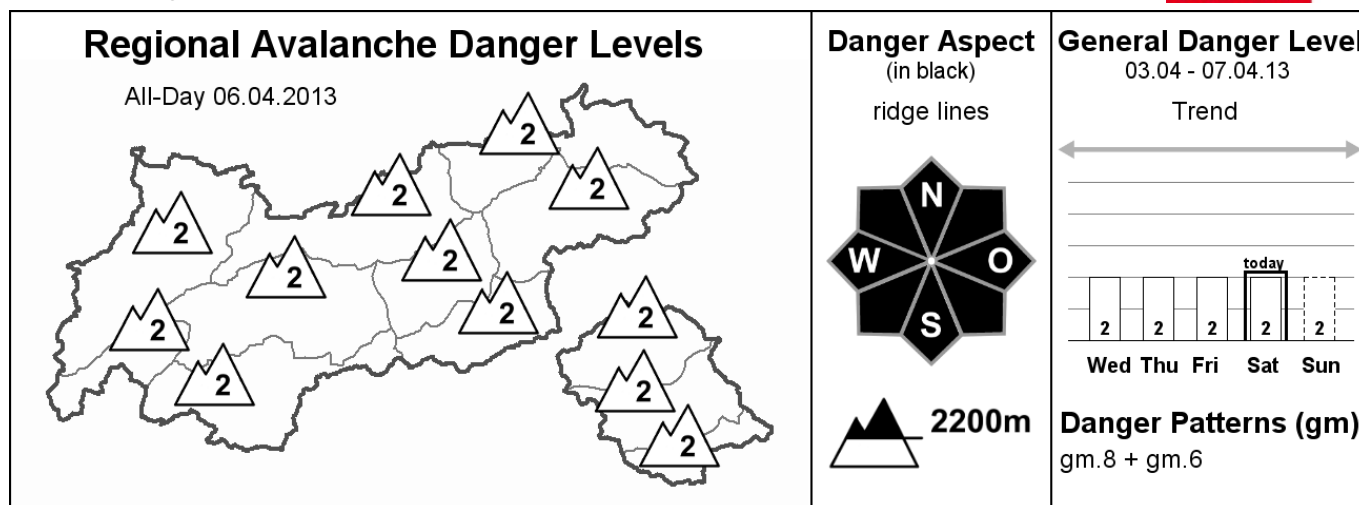


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Saturday, 06.04.2013, at 07:30



Moderate avalanche danger widespread

AVALANCHE DANGER

The avalanche danger in Tyrol's backcountry touring regions is moderate far and wide. The major peril stems from freshly formed, relatively small sized snowdrift accumulations. Particularly in terrain near ridgelines in high alpine regions, the drifted snow which was transported by winds frequently lies on top of surface hoar, thus making the snowdrift quite prone to triggering and easy to release as an avalanche. Danger zones are to be found in ridgeline terrain in all aspects; their number and spread tend to increase with ascending altitude. Below about 2400 m isolated naturally triggered wet and loose snow avalanches are possible, particularly on E to S to W facing steep slopes.

SNOW LAYERING

Over the last 24 hours there has been a small amount of snowfall along the Main Alpine Ridge, in East Tyrol and inneralpine regions. The high altitude winds were predominantly light, so that no major transport of the fresh fallen snow took place. The snowpack has settled well by and large and is stable. Due to the lack of outgoing nocturnal radiation the snowpack surface could not form a melt-freeze crust capable of bearing loads. At low and intermediate altitudes the uppermost layers of the snow cover on sunny slopes are already slightly moistened; on shady slopes, especially in high alpine ridgeline areas, surface hoar has formed widespread. To some extent, snowdrift accumulations have been deposited on top of that hoar.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: In the lowermost levels of the atmosphere, cold and moist air has flown towards the Alps, where it hangs. Above those layers - in high alpine regions - the air is drier. Mountain weather today: the lower mountains are shrouded, the cloud will bring a few snowflakes, with the upper borderline of cloud between 2500 and 2000 m (lower in western regions). Thus, in high alpine regions of the Arlberg to the Ötztal and Stubai Alps and in the Ortler range, some sunshine is expected. Temperature at 2000 m: minus 5 to minus 1 degree; at 3000 m: minus 9 degrees. Light northeasterly winds.

SHORT TERM DEVELOPMENT

Moderate avalanche danger in most regions

Rudi Mair

Translated by Jeffrey McCabe