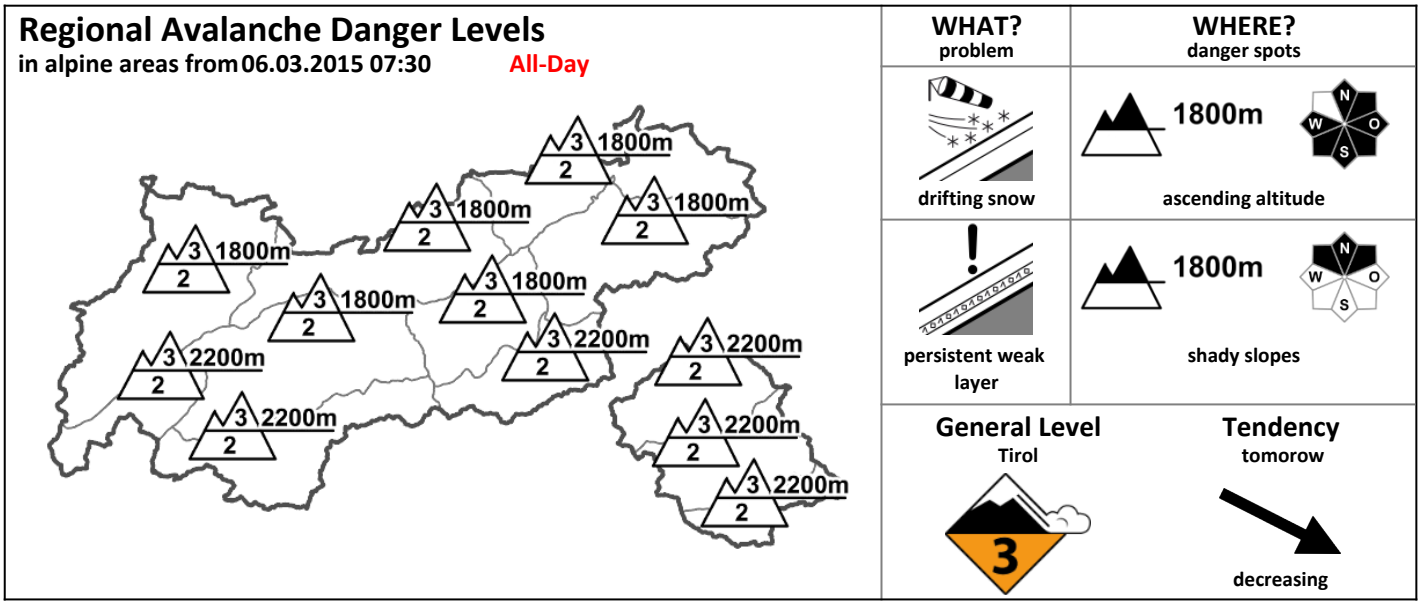
Avalanche Bulletin
of the Avalanche Warning Service Tyrol
Friday, 06.03.2015, at 07:30 Uhr



DANGER PATTERNS (DP): dp.6 - loose snow and wind dp.8 - surface hoar blanketed with snow dp.7 - snow-poor zones in snow-rich surrounding

Considerable danger widespread above 1800m

AVALANCHE DANGER

Attention: Today is the first day of beautiful weather following a period of snowfall and storm winds; that is the formula for a particularly accident-prone day! Avalanche danger above 1800 m is considerable over widespread areas. The major hazards stem from freshly formed, still brittle snowdrift accumulations. A slab avalanche can most often be triggered by minimum additional loading, i.e. the weight of one sole skier. Avalanche prone locations are found on steep slopes and ridgeline terrain in all aspects above the treeline; frequency and spread of danger zones increase with ascending altitude. As a result of intense solar radiation and daytime warming, the snowpack will lose its firmness swiftly as of late morning. Particularly in steep starting zones, increasingly frequent naturally triggered loose-snow and slab avalanches will be the result.

SNOW LAYERING

Over the last 24 hours there has been 10-20 cm of snowfall in North Tirol and along the East Tirolean Tauern Ridge, greater amounts from place to place. The snowfall was accompanied by strong (at high altitude, storm-strength) northerly winds which transported the dry, light, loose snow massively. This led to the formation of new snowdrift accumulations which were often deposited on top of a loose old snowpack surface, on shady slopes to some extent atop surface hoar. This makes the proneness to triggering correspondingly high. In addition, avalanches can also release at the borderline between loose new fallen snow and the snowdrift deposited on top of it.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: The northerly air current over the Alps is being pushed away by a high coming from the west, which will become the major weather determinant over the next few days, raising temperatures noticeably. Mountain weather today: best conditions in the uplands of North Tirol, where there has been sunshine since early morning. Between Karwendel and Tux Alps and eastwards to the Kitzbühel Alps, impaired visiblity this morning by fog, cloud and last gasps of snow showers, but improving over the course of the day from the west. South of the Main Alpine Ridge, usually bright skies, very sunny, but strong and cold northerly winds. Temperatures beginning to rise: at 2000m, -10 to -5 degrees; at 3000m, -17 to -9 degrees. Strong northeasterly winds.

SHORT TERM DEVELOPMENT

Avalanche danger will slowly subside, springtime conditions enter the scene.

Rudi Mair **Translated by Jeffrey McCabe**