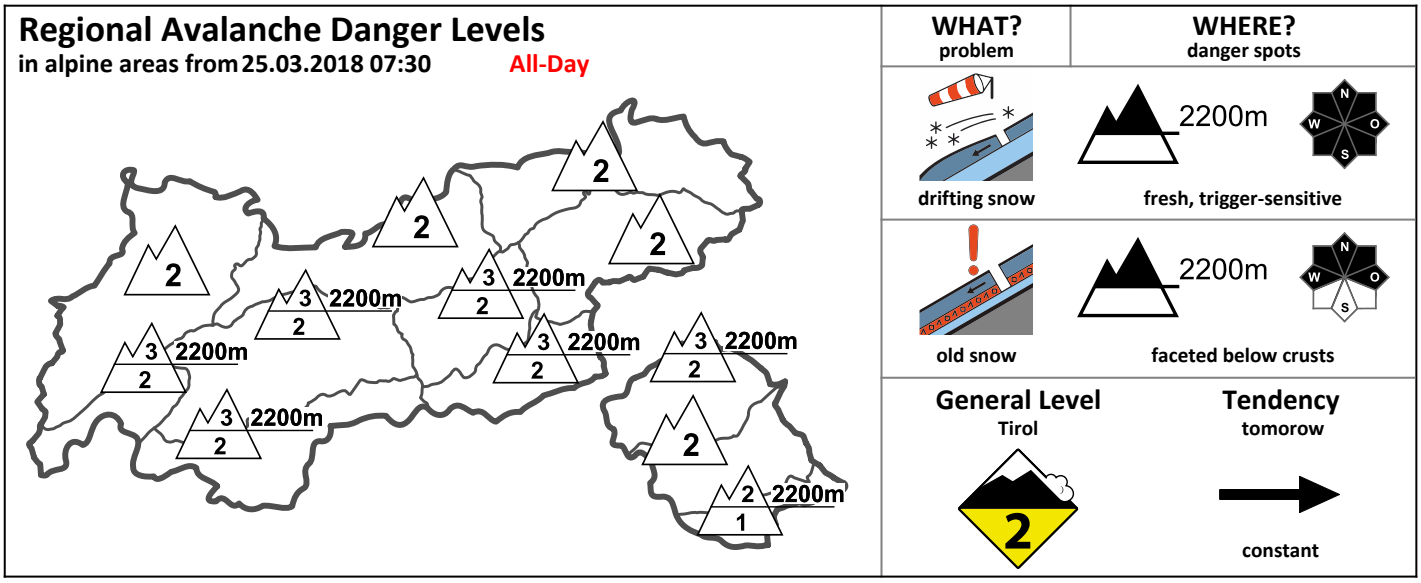
Avalanche Bulletin
of the Avalanche Warning Service Tyrol
Sunday, 25.03.2018, at 07:30 Uhr



DANGER PATTERNS (DP): dp.6 - loose snow and wind dp.1 - deep persistent weak layer

Mostly moderate, regionally considerable, avalanche danger

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is predominantly moderate; however, danger is still considerable from region to region, as several avalanches yesterday amply confirmed. The main danger stems from freshly-generated and older snowdrift accumulations. The drifts are poorly bonded with the snow base beneath them and thus, triggerable even by minimum additional loading in places. They occur on steep slopes and in ridgeline terrain above 2200 m, especially in western-to-northern-to-eastern aspects. During the course of the day on sunny slopes, loose-snow avalanches, in isolated cases slab avalanches can trigger naturally. The peril of naturally triggered gliding avalanches has receded somewhat, but still requires special caution on steep, grassy slopes below 2400 m.

SNOW LAYERING

The old snowpack has settled and is stable, there have been no fractures reported in it for weeks. All avalanches (excluding gliding avalanches) have triggered in the uppermost layers of the snow cover. Brisk southerly winds yesterday transported the snow anew, especially in the classic foehn lanes. Fresh and older snowdrift accumulations have been deposited on top of loosely-packed snow, thus, the proneness to triggering is high. An additional problem: the layers of metamorphosed (faceted) crystals which serve as a potential bed surface for avalanches. These are often found beneath thin crusts on shady slopes above 2200 m, on sunny slopes above 2600 m.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. Still weak impact from a high pressure front in the Alps, with mild foehn-induced spring weather in Tirol. Starting tomorrow, a moist W/NW air current will take hold, bringing layers of Atlantic perturbances until Wednesday or Thursday. The southern flank of the Alps will get only minor precipitation to start with. Mountain weather today. Ideal conditions for backcountry tours again today. Only a little wind. Lots of sunshine right from the start. This afternoon, some cumulus cloud will move in and high altitude clouds will impede the sunshine somewhat, but conditions will not worsen significantly. At 2000 m: -2 degrees; at 3000 m: -9 degrees. Mostly light winds.

SHORT TERM DEVELOPMENT

Avalanche danger is predominantly moderate.

Rudi Mair **Translated by Jeffrey McCabe**