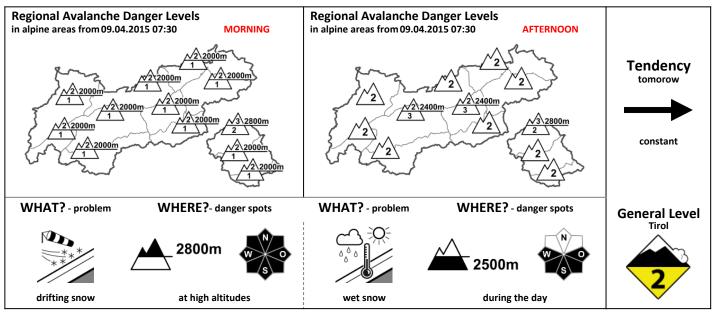


# **Avalanche Bulletin** of the Avalanche Warning Service Tyrol Thursday, 09.04.2015, at 07:30 Uhr





DANGER PATTERNS (DP): <u>dp.10 - springtime szenario</u> <u>dp.6 - loose snow and wind</u> <u>dp.2 - gliding snow</u>

## Predominantly favourable conditions. Beware daytime danger cycle.

### AVALANCHE DANGER

Favourable conditions reign far and wide. Danger above about 2000 is moderate; below 2000m, low, generally rising to moderate over the course of the day. In northern Stubai and Tux Alps below about 2400m, danger levels increase to considerable. In the East Tirolean Tauern, danger above about 2800m is already considerable: stormy winds were blowing there yesterday, wide ranging snowdrift accumulations formed anew which can be easily triggered today. With ascending altitude, their proneness to triggering tends to increase still further. In the remainder of Tirol, drifts have now bonded to the snowpack. The major peril stems from the increasing wetness of the snowpack as well as from drifted masses at high altitudes. On sun-drenched, extremely steep slopes, wet-snow avalanches can be expected this afternoon. In addition, particularly in the northern Stubai Alps on very steep east and west facing slopes at about 2400m, naturally triggered slab avalanches cannot be ruled out. They can fracture more deeply in the old snowpack and thereby reach medium size. With a certain degree of experience and early tour-termination, a fine day in backcountry is possible.

#### SNOW LAYERING

The stability tests which have been conducted ongoingly over the last few days show good bonding of snowdrifts to the loose powder snow beneath them. In the East Tirolean Tauern this process is being slowed down by continuous formation of new snowdrifts. Elsewhere there are layers of faceted snow crystals inside the snowpack which could serve as bed surfaces for avalanches, especially at altitudes around 2400m on W/E/N facing slopes in inneralpine regions. Fracture propagation is possible mainly from nests of depth hoar wherever the snow is shallow.

#### ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: north and south of the Main Alpine Ridge outstanding conditions prevail, sunshine and cloudless skies (only a bit of cirrus cloud way above summit level). Above-zero temperatures to just under 3000m. At 2000m: +7 degrees; at 3000m: 0 degrees. Light to moderate westerly winds.

#### SHORT TERM DEVELOPMENT

Springtime conditions, including a daytime danger cycle

#### Patrick Nairz

Translated by Jeffrey McCabe