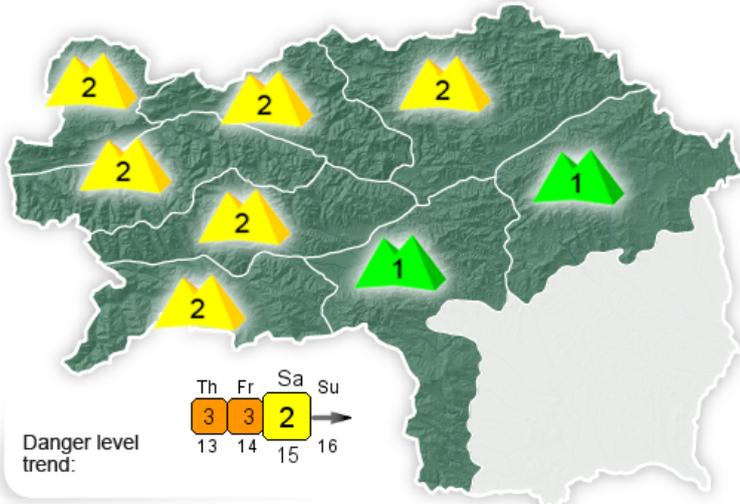




Avalanche Bulletin

made by LWD Styria for **Saturday, 15.12.2018**
(published: Friday, 14.12.2018 at 4:47 pm)



R1 Northern barrier region:
 a) Northern Alps, West
 b) Central Sector of Northern Alps
 c) Northern Alps, East
 d) Niedere Tauern, North

R2 Transitional region and Southern massifs:
 e) Niedere Tauern, South
 f) Styrian Border Range, East
 g) Styrian Border Range, West
 h) Gurk- and Seetal Alps



WHAT?
are the major problems



drifting snow



gliding snow

WHERE?
are the problems



most affected



most affected

HOW?
are avalanches triggered



caused by high additional loading



Naturally triggered avalanches can be expected

WHY?
did these problems arise



Bed surface at transition line to old snowpack



Bed surface at ground level

Glide-snow situation. Fresh snowdrifts on north-facing slopes.

Avalanche Danger

In the Northern Alps, the Niedere Tauern, and in the Gurktal and Seetal Alps, moderate avalanche danger prevails. Elsewhere, danger is low. Caution urged towards the snowdrift accumulations on shady slopes, large additional loading can trigger them as slab avalanches. Freshly formed cornices are generally instable. On steep, grass-covered slopes where there was not an old snowpack before the last round of precipitation, glide cracks have been appearing in some places. These can release glide-snow avalanches at any time without warning. Thus, the risks of glide-snow avalanches persist.

Snow Layering

In the southern mountain groups there has been 10-15 cm of fresh snow registered over the last 24 hours, deposited without wind influence. This fluffy, unbonded snow now covers older snowdrift accumulations which were deposited, in turn, on top of layers riddled with faceted snow crystals. In the regions where snowfall has been heaviest (northern barrier-cloud regions) the snowpack has been able to settle. On north-facing slopes there is fresh snowdrift on top of the old snowpack. At intermediate and low altitudes, the warm ground has propelled the fresh snow into motion, thus, the glide-snow problem remains upright.

Alpine Weather Forecast

In the southern mountain ranges more than anywhere else, snowfall with no impact is anticipated. Large amounts are not expected. On Saturday, the light snowfall will come to an end rapidly in the southern mountain groups. In the northern mountain groups, on the other hand, light snowfall is expected. During the course of the day, repeated intervals of sunshine are expected from the Turrach to the Koralpe. Temperatures at 2000 m will be -8 degrees. Winds will be blowing at moderate to brisk strength from northerly directions.

Short Term Development

Moderate avalanche danger is expected to persist.

The next Avalanche Bulletin will be published on Saturday at about 6:00 pm.

Arnold Studeregger

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