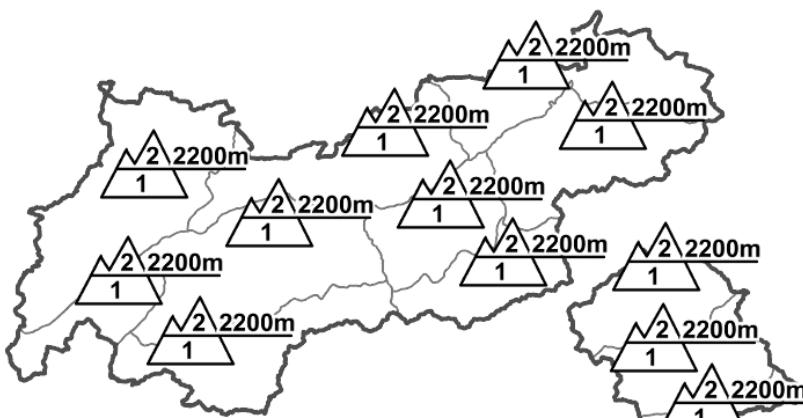




Regional Avalanche Danger Levels

in alpine areas from 15.03.2016 07:30

All-Day



WHAT?
problem

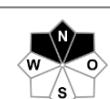


persistent weak layer

WHERE?
danger spots



2400m



esp. inneralpine

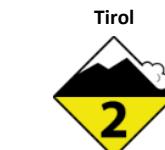


2200m



small-sized

General Level



Tirol

Tendency tomorrow

constant

DANGER PATTERNS (DP): [dp.1 - deep persistent weak layer](#) [dp.7 - snow-poor zones in snow-rich surrounding](#) [dp.6 - loose snow and wind](#)

Mostly favourable conditions, beware very steep, shady inneralpine slopes

AVALANCHE DANGER

Favourable conditions predominate today, the danger above 2200m is mostly moderate, below that altitude low. Caution is urged primarily on steep, shady slopes in inneralpine regions as well as in southern East Tirol, slab avalanches can be triggered above 2400m on extremely steep, shady slopes which have had little traffic due to weakened ground-level layers inside the snowpack, particularly where the snowpack is shallow and in transitions from shallow to deep snow. Such avalanches can grow to larger size and become dangerous for skiers and freeriders. Elsewhere, the predicted snowfall will create new, trigger-sensitive snowdrift accumulations in steep, shady terrain.

SNOW LAYERING

The snowpack is now well-structured, not easily triggered. Primarily in the Tux, Stubai, Ötztal and Zillertal Alps, as well as in southern East Tirol, there are nonetheless still weakened layers deeply embedded inside the snowpack, where encrusted depth hoar is found together with faceted crystals more deeply embedded. In unfavourable conditions, fractures could occur down to these levels, avalanches grow to larger size, particularly above 3000m, and in all aspects on extremely steep slopes. The snowpack surface on shady slopes currently is covered with surface hoar. Fresh snowdrifts can thus trigger easily.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: light conditions will become increasingly diffuse, the skies become more overcast from the north. From Kaiser to Steinberge, light snowfall will set in which by midday will spread to the Arlberg region, the Main Ridge and the barrier regions, bringing about 5-10 cm of fresh fallen snow. From the Bolzano mountains to the Dolomites and Carnic Alps, no significant amounts of snowfall, despite heavy cloud. Temperature at 2000m, -4 to -8 degrees; at 3000m, -10 to -14 degrees. Moderate northerly winds, brisker at high altitudes along the Main Alpine Ridge.

SHORT TERM DEVELOPMENT

No significant change is anticipated.

Patrick Nairz

Translated by Jeffrey McCabe