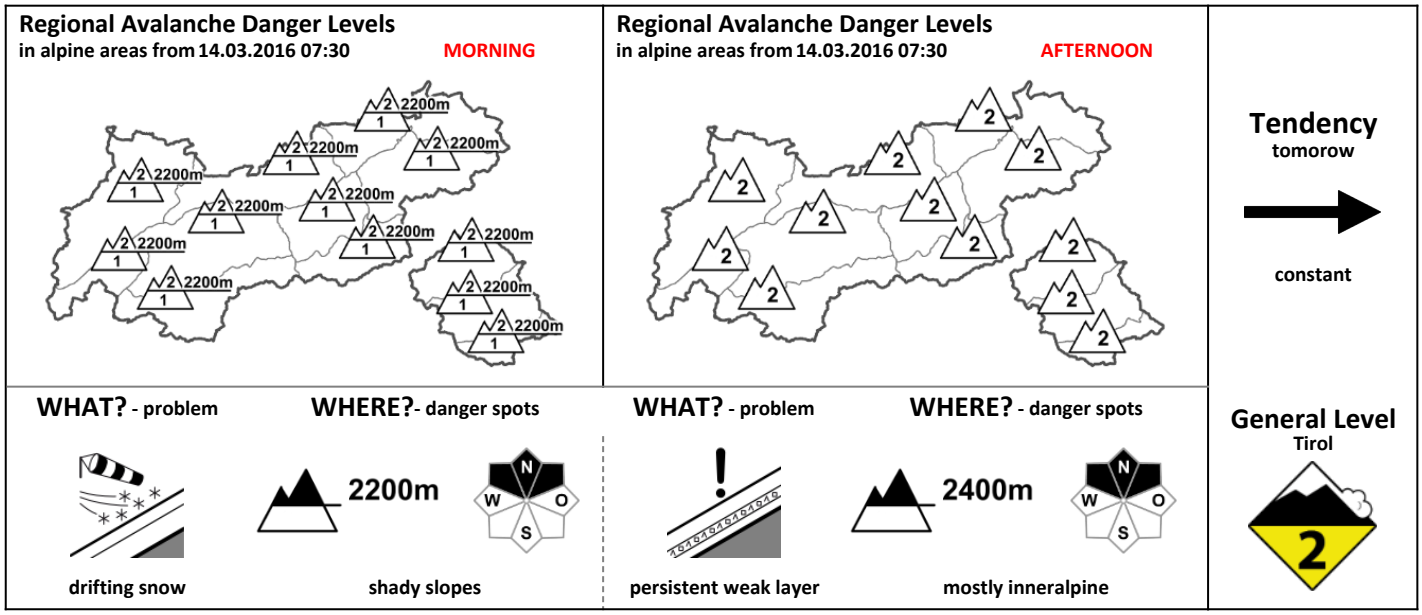
Avalanche Bulletin
of the Avalanche Warning Service Tyrol
Monday, 14.03.2016, at 07:30 Uhr



DANGER PATTERNS (DP): dp.6 - loose snow and wind dp.2 - gliding snow dp.1 - deep persistent weak layer

Mostly favourable conditions,slight daytime danger cycle

AVALANCHE DANGER

Favourable conditions prevail in Tirol today, the danger above 2200m is mostly moderate, below that altitude low. Caution is urged primarily on steep, shady slopes where avalanche prone locations threaten in the form of fresh, small-sized snowdrift accumulations. In addition, in inneralpine regions as well as in southern East Tirol, slab avalanches can be triggered above 2400m on extremely steep, shady slopes due to weakened ground-level layers inside the snowpack, particularly where the snowpack is shallow and in transitions from shallow to deep snow. Most often, large additional loading is necessary to trigger an avalanche. Releases can reach medium size. During the course of the day, avalanche danger will increase as a result of solar radiation. We expect small moist sluffs only in isolated cases on extremely steep stopes below 2400m. Far more likely are gliding avalanches on steep, grass-covered slopes.

SNOW LAYERING

The snowpack is now well-structured. 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. Stability tests show an improvement in the bonding among these layers, but if an avalanche triggers, it might still fracture down to these lower layers and grow to larger size. This applies particularly to shady slopes above 2400m, in the other aspects in high alpine regions. The snowpack surface varies greatly; powder in shady, wind-protected terrain above 1600m, elsewhere mostly melt-freeze and wind crusts.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: clear skies from the start in high alpine regions; at lower altitudes between 1500 and 2500 m in North Tirol still some layers of fog or haze/cloud during the morning. This will disperse and sunny weather incrementally prevail. Temperature at 2000m, -4 degrees; at 3000m, -7 degrees. Moderate easterly winds at high altitudes.

SHORT TERM DEVELOPMENT

Favourable conditions will persist.

Patrick Nairz **Translated by Jeffrey McCabe**