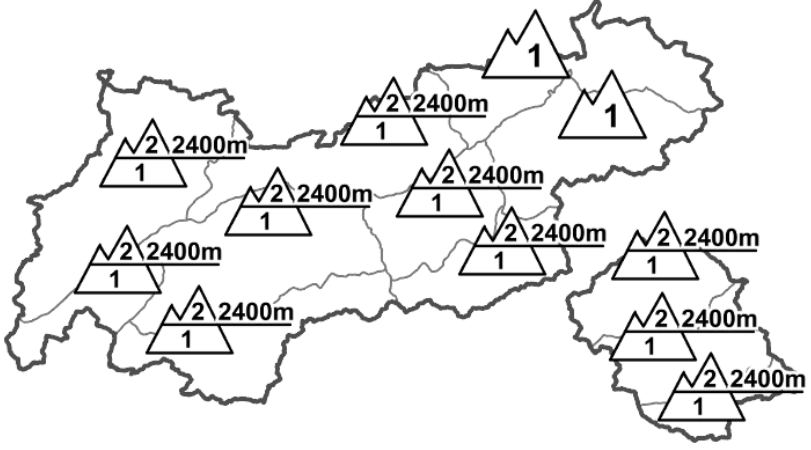






| Regional Avalanche Danger Levels<br>in alpine areas from 25.12.2014 07:30 <span style="color: red;">All-Day</span> | WHAT?<br>problem   | WHERE?<br>danger spots   |
|--|--|--|
|                                   |  |  |
|  | <b>General Level</b><br>Tirol<br> | <b>Tendency</b><br>tomorrow<br><br>constant |

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

## Generally moderate avalanche danger above 2400 m

### AVALANCHE DANGER

The avalanche danger in Tirol's backcountry touring regions is moderate far and wide. Over the last few days high altitude winds which maintained snow-transport strength brought about repeated rounds of snowdrift accumulation. The drifted masses were usually small, but were often deposited atop an old snowpack which was itself prone to triggering. Thus, especially on high altitude, shady, steep slopes, isolated avalanches can be triggered even by minimum additional loading. Other avalanche prone locations are found on wind loaded slopes and in drifted gullies and bowls above approximately 2400 m, particularly in NW-N-S aspects.

### SNOW LAYERING

The snowpack surface generally bears strong marks of wind influence: windblown surfaces immediately adjacent to deeply drifted snow masses. In some places the snowpack surface is hardened and compressed. Above approximately 2400 m inside the old snowpack, loosely packed, faceted crystals lurk between the hardened crusts which are also embedded. Whenever such layers are blanketed by fresh snowdrift, avalanches can be triggered with relative ease.

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

Weather: The high pressure zone of recent days is now moving towards the Atlantic. The high altitude airstream over the Alps is shifting from westerly to northwesterly; a cold front within it will reach the northern flank of the Alps today and bring wintry weather conditions and snowfall down to low altitudes during the next few days. Mountain weather today: poor visibility and stormy winds in the Northern Alps, where snowfall has already begun and will spread southwards over the course of the day, reaching the Main Alpine Ridge in weakened form. By Friday morning, 10 to 15 cm of new fallen snow is anticipated in the Northern Alps; 5-10 cm on the Main Alpine Ridge, with additional snowfall expected on Friday. Temperatures will drop swiftly, it will become deep winter in the mountains. South of the Main Alpine Ridge, a few bright spells can be expected, even a bit of sunshine on the Main Alpine Ridge. Temperature -5 degrees at 2000 m; -11 degrees at 3000 m. Storm strength westerly to northwesterly winds in the Northern Alps; at moderate strength on the Main Alpine Ridge.

### SHORT TERM DEVELOPMENT

Slightly increasing avalanche danger as a result of snowfall and strong winds at high altitude.

Rudi Mair

Translated by Jeffrey McCabe