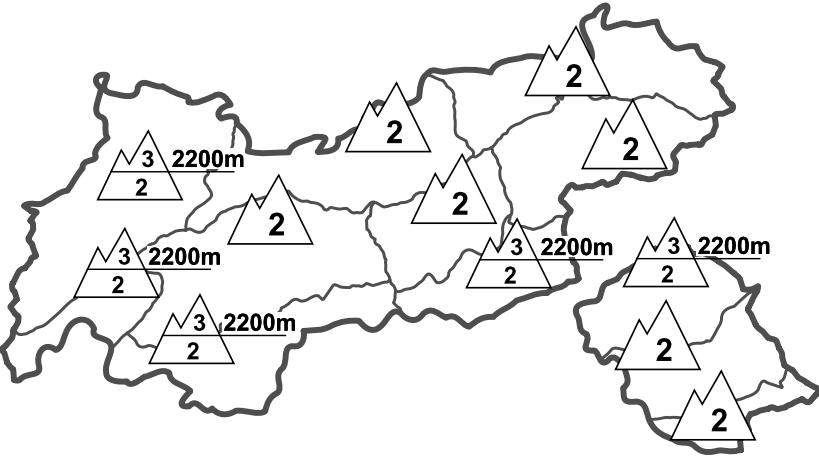

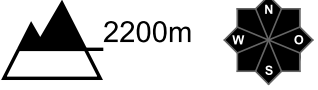
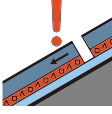
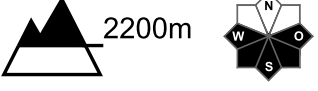






| Regional Avalanche Danger Levels in alpine areas from 22.02.2018 07:30 All-Day | WHAT? problem | WHERE? danger spots |
|--|--|--|
|  |  drifting snow |  2200m increasing with altitude |
| |  old snow |  2200m faceted under crusts |
| | General Level Tirol  | Tendency tomorrow  constant |

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.8 - surface hoar blanketed with snow](#) [dp.4 - cold following warm / warm following cold](#)

Predominantly moderate danger, regionally considerable danger

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry skiing regions is moderate over widespread areas, from region to region danger is considerable. The main danger stems from fresh snow and freshly formed snowdrift accumulations of this last week. They can in places trigger even by minimum additional loading. In the interim they have been blanketed by fresher snow, making them difficult to recognize in outlying terrain. Avalanche prone locations are found on steep slopes and ridgelines above about 2200 m, especially in E-S-W aspects. Below 2200 m, gliding avalanches can still trigger naturally.

SNOW LAYERING

The old snowpack has settled and is stable. All the avalanches which have triggered in the last few days were released in the uppermost layers of the snowpack. Fresh snow and snowdrifts of the last week have frequently been deposited on top of layers of faceted snow crystals or surface hoar. Due to the low temperatures, they are brittle and thus, prone to triggering. In general, the snowpack layering is less favourable on sunny slopes than on shady slopes. There are layers of loose snow consisting of faceted crystals lurking beneath thin crusts.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. Tirol is caught between a high over the Baltic Sea and a low over the western Mediterranean in the path of an easterly airstream which is bringing moist and cold air masses our way. On Thursday and Friday, slightly higher temperatures at high altitude, before Siberian cold flows into our zone on Sunday. Mountain weather today. The peaks are partially hidden in cloud, visibility is correspondingly reduced. Compact clouds will also move in above summit level. Furthermore, light intermittent snowfall is expected, bringing only minor amounts of fresh snow (slightly more in the Carnic Alps). At 2000 m: -11 degrees; at 3000 m: -14 degrees. Moderate to brisk E/SE winds at high altitude.

SHORT TERM DEVELOPMENT

No significant change is expected in avalanche danger levels.

Rudi Mair

Translated by Jeffrey McCabe