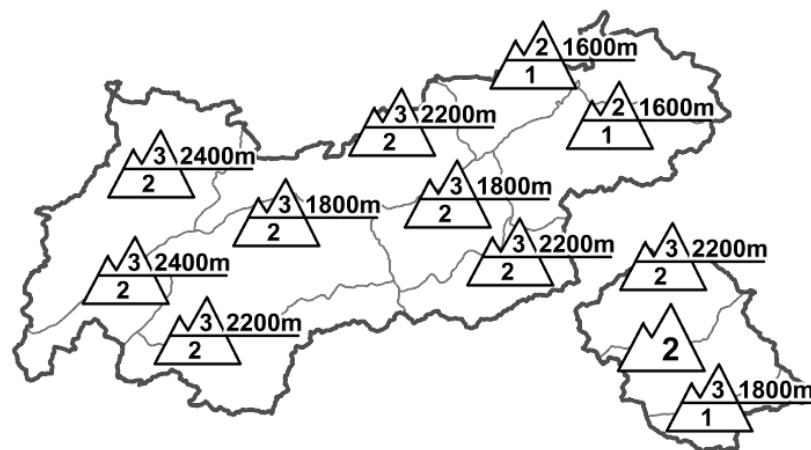










Regional Avalanche Danger Levels in alpine areas from 14.02.2016 07:30 <span style="color: red;">All-Day</span>	WHAT? problem	WHERE? danger spots
	 drifting snow	 2200m fresh, trigger-sensitive
	 persistent weak layer	 2200m mostly shady zones
	<b>General Level</b> Tirol  <b>Tendency</b> tomorrow  constant	

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

## Considerable avalanche danger widespread due to drifts

### AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions remains considerable above 2200m. The major peril stems from fresh and older snowdrift accumulations which are poorly bonded with the snow base beneath them and can be triggered as avalanches even by minimum additional loading, i.e. the weight of one person. In the inneralpine touring regions where the snowpack is much shallower, avalanches can fracture down to more deeply embedded layers of the snowpack and grow to large size. Avalanche prone locations are found in ridgeline terrain in all aspects; in deeply drifted gullies and bowls; and in general in transitions from deep to shallow snow. Skiing and freeriding tours in outlying terrain require experience in assessing the hazards on-site.

### SNOW LAYERING

Over the last 24 hours a small amount of fresh fallen snow has fallen in North Tirol. SW winds at high altitudes were brisk, usually above transport speeds, thus whipping up and transporting the new fallen snow and depositing fresh, relatively small snowdrift accumulations. These frequently blanket an unfavourably layered old snowpack. The fundament is riddled with loose, faceted crystals, making the proneness to triggering correspondingly high. Particularly weak is the snowpack structure in the inneralpine touring regions (northern Ötztal and Stubai and Tux Alps) as well as along the Carnic Ridge. The scenario in North Tirol's western regions, where the snowpack is deeper, is more favourable.

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

Weather: a thinly spread low pressure front blankets Europe. Tirol lies in the path of a SW air current, not particularly powerful since it is being opposed by low pressure zones over Germany and northern Italy. This afternoon, a perturbation will reach the western regions of Tirol. Mountain weather today: between Ortler and Dolomites, poor visibility and snowfall. On the Main Alpine Ridge, fog from the wall of foehn-induced cloudbanks. Light snowfall will spread to the northern flank of the Alps. In the Northern Alps, foehn-induced bright skies, but rippled with layers of cloud. This afternoon, snowfall will set in from the west. Temperature at 2000m, -2 degrees; at 3000m, -9 degrees. Southerly foehn winds will soon taper off.

### SHORT TERM DEVELOPMENT

Considerable danger widespread

Rudi Mair

Translated by Jeffrey McCabe