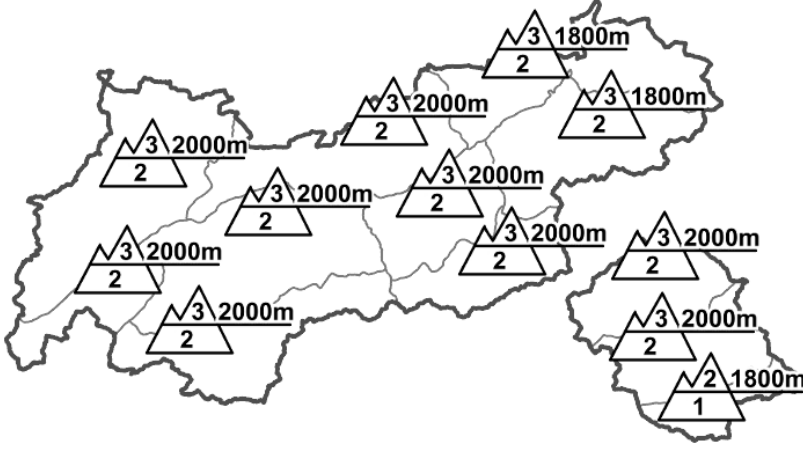










Regional Avalanche Danger Levels in alpine areas from 08.02.2016 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 persistent weak layer	 2200m shallow snow zones
	 drifting snow	 2000m increasing with altitude
	General Level Tirol 	Tendency tomorrow  constant

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

Stormy southerly winds, considerable avalanche danger

AVALANCHE DANGER

In Tirol's backcountry touring regions, unfavourable conditions prevail, with considerable danger widespread. Most of all the freshly formed snowdrift accumulations can be triggered by minimum additional loading, i.e. the weight of one single skier. Due to the very weak fundament, releases can grow to dangerously large size. Avalanche prone locations are found on steep slopes in all aspects above 2000m, especially in transitions from deep to shallow snow avalanches are easily triggered (likelihood of triggering in these zones is level 4 = high). In addition, both spontaneously and remotely triggered avalanches are possible. Thus, extensive experience is imperative in outlying terrain, the touring possibilities severely limited.

SNOW LAYERING

Last night in North Tirol there was a small amount of snowfall. The dominant weather element, however, was wind – gale strength from the south, leading to much snow transport. Freshly formed and older drifts now cover an old snowpack which is highly prone to triggering. Particularly the layers near the ground are loose and faceted. That means fractures can propagate and avalanches can grow to large size.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a windy, mild front has us in its grip. On Monday and Tuesday in North Tirol, foehn winds will be most evident. On Tuesday night, arctic air masses will reach the Alps. Mountain weather today: bright skies for a few hours this morning, strong W/SW winds in high alpine regions, unpleasant and inhospitable conditions. From the Zillertal Alps to East Tirol, some snow showers down to 1000m, poor visibility along the Main Alpine Ridge, clouds becoming denser as the day unfolds. Temperature at 2000m, -3 to +1 degree; at 3000m, -7 to -4 degrees. Strong SW winds.

SHORT TERM DEVELOPMENT

Stormy winds, considerable danger widespread

Rudi Mair

Translated by Jeffrey McCabe