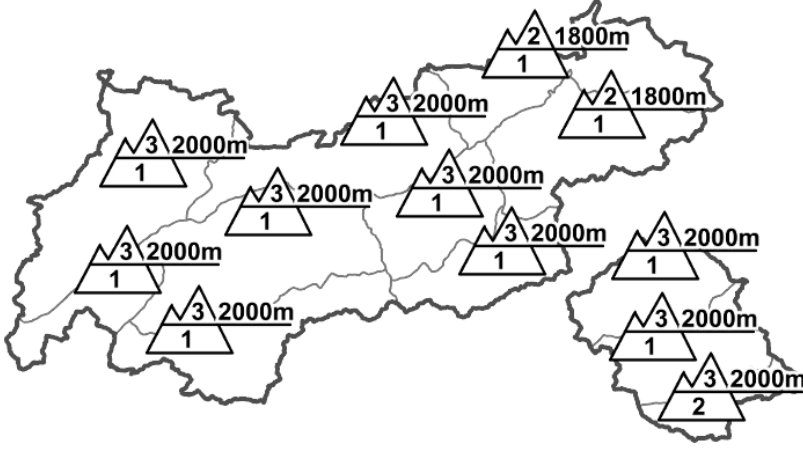



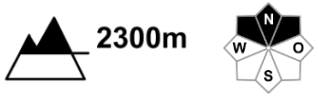






Regional Avalanche Danger Levels in alpine areas from 01.03.2016 07:30 <span style="color: red;">All-Day</span>		WHAT? problem	WHERE? danger spots
	 drifting snow	 2000m increasing with altitude	
	 persistent weak layer	 2300m esp. inneralpine	
	<b>General Level</b> Tirol 	<b>Tendency</b> tomorrow  constant	

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

## Beware fresh snowdrifts above the treeline

### AVALANCHE DANGER

Avalanche danger stems generally from freshly or recently formed snowdrift accumulations today. Whereas below the treeline, low danger often prevails, the peril increases swiftly to considerable with ascending altitude, particularly in those regions where snowfall has been heaviest. Avalanche prone locations are found in wind-protected, very steep terrain where recent winds have deposited the drifts. With ascending altitude, both frequency and trigger-sensitivity of these drifted masses increase. Those with experience will be able to recognize the danger zones easily: avoid them! In addition, in the Tux, Stubai and Ötztal Alps, as well as in southern East Tirol, deeply embedded layers near the ground on very steep shady slopes between 2300 and 2600m threaten with their own hazards: they can be triggered as avalanches by large additional loading where the snow is shallow, and the avalanches can grow to medium size.

### SNOW LAYERING

Over the last two days in southern East Tirol there has been up to 50cm of new fallen snow, an additional 10-20cm was deposited yesterday in the other regions of Tirol, in the southern Ötztal Alps up to 30cm. Temperatures have dropped, above the treeline the snow remained loose, powdery. High altitude winds were strong enough to whip up and transport this snow, which was subsequently deposited on top of loosely-packed fresh fallen snow, in other words, it is easy to trigger. Snowpack analysis in inneralpine regions shows that particularly on shady slopes, deeply embedded faceted snow crystals weaken the entire fundament, most threatening above 2300m.

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

Weather in general: the nocturnal perturbation is eastwards. The next warm front is waiting in the wings and will arrive tonight. In its wake is a low, soon to bring new perturbances our way. Mountain weather today: the peaks of North Tirol will remain hidden in cloud, a bit of snowfall is likely this morning. This afternoon, snow showers will taper off, visibility improve on the western Main Ridge and in high alpine regions. Cold! In the Southern Alps, quite sunny. Temperature at 2000m, -7 degrees; at 3000m, -11 degrees. Strong N/NW winds initially, slackening off somewhat during the day.

### SHORT TERM DEVELOPMENT

No significant change expected initially.

Patrick Nairz

Translated by Jeffrey McCabe