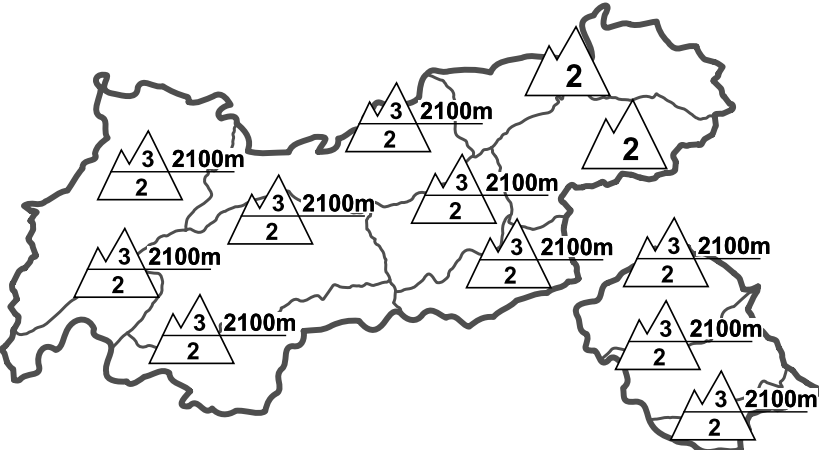



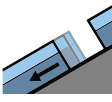








Regional Avalanche Danger Levels in alpine areas from 16.03.2018 07:30 All-Day	WHAT? problem	WHERE? danger spots
	 drifting snow	 2100m  increasing with altitude
	 gliding snow	 2400m  grass-covered slopes
	General Level Tirol 	Tendency tomorrow  decreasing

DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.2 - gliding snow](#) [dp.9 - graupel blanketed with snow](#)

Main danger: fresh snowdrifts above 2100 m

AVALANCHE DANGER

Avalanche danger depends on altitude: above 2100 m the danger is mostly considerable, below 2100 m danger is moderate. Avalanche prone locations for freeriders and backcountry skiers are found in the form of recently generated snowdrift accumulations above 2100 m, prone to triggering primarily in shady terrain, with ascending altitude, also triggerable in sunny terrain. Caution urged in steep ridgeline terrain where deeper snowdrifts have formed. At low and intermediate altitudes the snowpack has been made thoroughly wet by the rainfall. On extremely steep slopes, wet loose-snow slides can be triggered by skiers. Furthermore, the anticipated solar radiation will trigger loose-snow avalanches naturally wherever there was snowfall. The main threat at low and intermediate altitudes comes from gliding avalanches on steep, grassy slopes which can grow to large size.

SNOW LAYERING

Over the last 24 hours there have been strong, sometimes stormy S/W winds. In addition, there has been widespread rainfall at low and intermediate altitudes, snowfall above that altitude, bringing a total of 5-15 cm of fresh snow. This snow was transported at high altitudes, and the snowdrift accumulations are prone to triggering, particularly where there are faceted crystals in the uppermost layers of the existing snowpack, usually lurking beneath melt-freeze crusts. At present that means between 2100 and 2400 m in shady terrain, above 2600 m in western and eastern aspects, above 2900 m in southern aspects.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

The snow showers will move eastwards this morning, cloud will disperse starting in the west. However, convective cloud build-up is anticipated during the day, out of which some showers could release, snowfall level at 1600 m. At 2000 m: -4 to -1 degree; at 3000 m: -9 degrees. Moderate to brisk westerly winds at high altitudes, slackening off this afternoon.

SHORT TERM DEVELOPMENT

Situation is improving somewhat.

Patrick Nairz

Translated by Jeffrey McCabe