




Regional Avalanche Danger Levels in alpine areas from 31.03.2016 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 31.03.2016 07:30 AFTERNOON		Tendency tomorrow  constant
WHAT? - problem gliding snow	WHERE? - danger spots grass-covered slopes	WHAT? - problem wet snow	WHERE? - danger spots daytime increase	

DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.2 - gliding snow](#) [dp.8 - surface hoar blanketed with snow](#)

Beware daytime increase in avalanche danger

AVALANCHE DANGER

Classic springtime conditions prevail, underscoring the daytime danger cycle: until late morning danger is moderate, from place to place low. As solar radiation intensifies and temperatures rise in the course of the day, the danger will rise to moderate, from place to place below 2300m to considerable. The snowpack threatens to become thoroughly wet. Snowslides even where there is no wind, skiers can release wet sluffs as well. The hazards of gliding avalanches on steep, grass-covered slopes is heightened. Otherwise, the recently formed snowdrift patches at high altitude, especially near ridgelines on very steep, shady slopes require special caution. Planning backcountry tours to come to a close early in the day is ever more important.

SNOW LAYERING

The snowpack was unable to cool off during the night (rain in southern East Tirol, cloud cover everywhere else) the snowpack surface below about 2300m has only a breakable melt-freeze crust this morning. Diffuse solar radiation and warmth will make it thoroughly wet up to 2300m, causing it to forfeit its firmness further. Loose-snow and gliding avalanches are thus possible. Weak ground-level layers and the snowpack on high alpine sunny slopes are no longer likely to trigger. In high alpine regions, the surface hoar threatens on steep, shady slopes.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Mountain weather today: very windy, otherwise good conditions. Visibility good, lots of sunshine particularly in the mountain ranges surrounding the Inn Valley and to the north. On the Main Alpine Ridge and southwards therefrom, visibility is worse due to barrier clouds. Between Ortler and Brenner, light rainfall; above 2200m light snowfall possible. Elsewhere in southern regions, by and large dry. Temperature at 2000m, +7 degrees; at 3000m, 0 degrees. Storm-force southerly winds in high alpine regions on the Main Ridge and in the classic foehn-exposed terrain of North Tirol. Elsewhere, strong winds.

SHORT TERM DEVELOPMENT

The daytime danger cycle will continue.

Patrick Nairz

Translated by Jeffrey McCabe