










Regional Avalanche Danger Levels in alpine areas from 21.04.2016 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 21.04.2016 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  wet snow	WHERE? - danger spots  2800m daytime increase 	WHAT? - problem	WHERE? - danger spots	General Level Tirol 

DANGER PATTERNS (DP): [dp.10 - springtime szenario](#)

Daytime increase in avalanche danger

AVALANCHE DANGER

Avalanche danger is subject to a daytime danger cycle. During the morning, conditions are favourable, danger generally low. As of late morning, the peril increases to moderate. Avalanche prone locations for dry-snow slab avalanches are still found on shady, steep slopes and in ridgeline terrain above 2800m, where avalanches can generally be triggered only by large additional loading. As of late morning, the snowpack rapidly loses its firmness due to solar radiation and daytime warming. As of then, increasingly frequent spontaneously-triggering moist slides and wet-snow avalanches can be expected.

SNOW LAYERING

New fallen snow and snowdrifts from the latest round of precipitation have now settled and consolidated with the snowpack, in accord with this juncture of the season. The old snowpack is well settled and consolidated. During the course of the day the snowpack swiftly forfeits its firmness as a result of solar radiation and daytime warming.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a high pressure front continues its reign over the eastern Alps, pushing warm air masses our way. Tomorrow, Friday, a low which is south of the Alps will push moist, mild air masses into Tirol. Over the weekend, a thrust of cold air will arrive from northern Europe. Mountain weather today: light winds, mild mountain weather, the zero-degree level will rise to over 3000m. Lots of sunshine, high altitude clouds will not hamper it, visibility will be outstanding, the peaks in the clear. Dry skies tonight, little wind, high altitude cloud layers. Temperature at 2000m: 10 degrees; at 3000m: 3 degrees. Generally light southerly winds, brisker around the Wipp Valley and in the Tux Alps.

SHORT TERM DEVELOPMENT

Daytime danger cycle: increased danger as day unfolds

Rudi Mair

Translated by Jeffrey McCabe