



DANGER PATTERNS (DP): [dp.6 - loose snow and wind](#) [dp.1 - deep persistent weak layer](#) [dp.2 - gliding snow](#)

Fresh snow and stormy southerly foehn wind creating critical avalanche situation regionally

AVALANCHE DANGER

The avalanche situation in Tirol is critical. Danger continues to be considerable. This afternoon, heavy snowfall and stormy foehn wind could lift the danger level to high (4). More than anything else it is the fresh snowdrift accumulations which are prone to triggering, can trigger even by minimum additional loading. Danger zones are found on steep slopes in all aspects above 1800 m. If triggering avalanches fracture down to more deeply embedded layers of the snowpack, they can grow to larger size (esp. in East Tirol due to old snow problem). Below 2000 m the snowpack, having become thoroughly wet, has lost much of its firmness. Naturally triggered wet-snow and gliding avalanches will be the consequence. In isolated cases they can endanger transportation routes.

SNOW LAYERING

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ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather. A pronounced southerly airstream is creating powerful and stormy foehn conditions on the northern flank of the Alps and an equally powerful barrier cloud zone on the southern flanks which will presently extend its reach to the north. On Wednesday, conditions will quiet down sustainably, temperatures will drop. Mountain weather today: storm-strength foehn winds will persist, intermittent sunshine, occasional cloud cover. Main Ridge and southern mountains will be veiled in clouds, some snowfall still anticipated which will then reach north of the Alps this afternoon. Temperature at 2000 m: -1 degree; at 3000 m: -8 degrees. Stormy southerly winds at high altitude.

SHORT TERM DEVELOPMENT

Slowly diminishing avalanche danger

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Translated by Jeffrey McCabe