
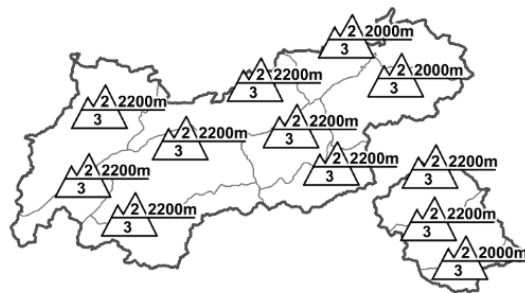
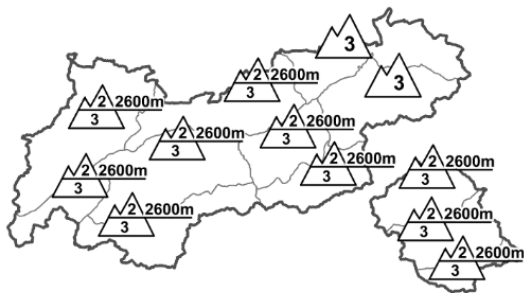

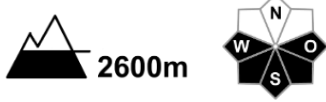







Regional Avalanche Danger Levels in alpine areas from 04.04.2016 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 04.04.2016 07:30 AFTERNOON		Tendency tomorrow  constant
				
WHAT? - problem  gliding snow	WHERE? - danger spots  2600m grassy slopes	WHAT? - problem  wet snow	WHERE? - danger spots  2600m daytime increase	General Level Tirol 

DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.2 - gliding snow](#) [dp.1 - deep persistent weak layer](#)

Increasing daytime avalanche danger

AVALANCHE DANGER

Avalanche danger in Tirol's backcountry touring regions is subject to both altitude and to a daytime danger cycle: in the early morning hours below 2200 m danger is considerable, above that altitude moderate. As of late morning, considerable below 2600m, above that altitude moderate. This is mainly due to the snowpack becoming wetter and wetter as the day unfolds as a result of warmth and solar radiation. As of late morning, spontaneous triggers of moist snowslides and wet-snow avalanches can be expected on sunny slopes below 2800m, on shady slopes below 2400m. Isolated slab avalanches can also be triggered. On steep, grass-covered slopes below 2600m, gliding avalanches can trigger naturally. In other words, conditions are best high up in the early hours of the day.

SNOW LAYERING

Last night was overcast, the snowpack could not regain firmness, the outgoing radiation was minimal, no melt-freeze crust capable of bearing loads formed. The snowpack on shady slopes below 2200 m is thoroughly wet, on sunny slopes below 2600m, on steep south-facing slopes below about 3000 m. Mild temperatures, foehn winds and solar radiation will cause the snowpack to lose its firmness already during the morning, thus activating deeply embedded weak layers inside the snowpack.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: a persistent SW air current is pushing mild air masses into Central Europe, triggering a foehn-wind scenario on the northern flank of the Alps. Dust from the Sahara is being transported to the Alps, making visibility hazy. This foehn scenario will end on Tuesday night. Mountain weather today: high clouds, haze, Sahara dust will create diffuse light conditions, limited visibility (close-up visibility remains unhampered). Foehn winds will prevail on the northern flank of the Alps and it will be sunny. The zero-degree level will drop slightly (to 2800m) but temperatures are still unseasonably high. On the Ortler and in the western sector of the Main Ridge, cloud and fog will hamper visibility, cloud more disperses towards East Tirol. Temperature at 2000m, +6 degrees; at 3000m, 0 degrees. Strong SW winds, stormy in the foehn lanes and in the Tux Alps.

SHORT TERM DEVELOPMENT

Daytime danger cycle will persist.

Rudi Mair

Translated by Jeffrey McCabe