

Storm-strength southerly winds generating fresh snowdrift accumulations on high-altitude north-facing slopes



Schladminger Tauern Süd, Südliche Wölzer Tauern, Gurktaler Alpen, Schladminger Tauern Nord, Nördliche Wölzer Tauern, Seetaler Alpen, Gaaler Alpen, Totes Gebirge, Dachsteingebiet, Ennstaler Alpen, Rottenmanner Tauern, Eisenerzer Alpen, Triebener Tauern



Koralpe, Stub- und Gleinalpe, Mürzsteger Alpen, Hochschwabgebiet



Avalanche problems



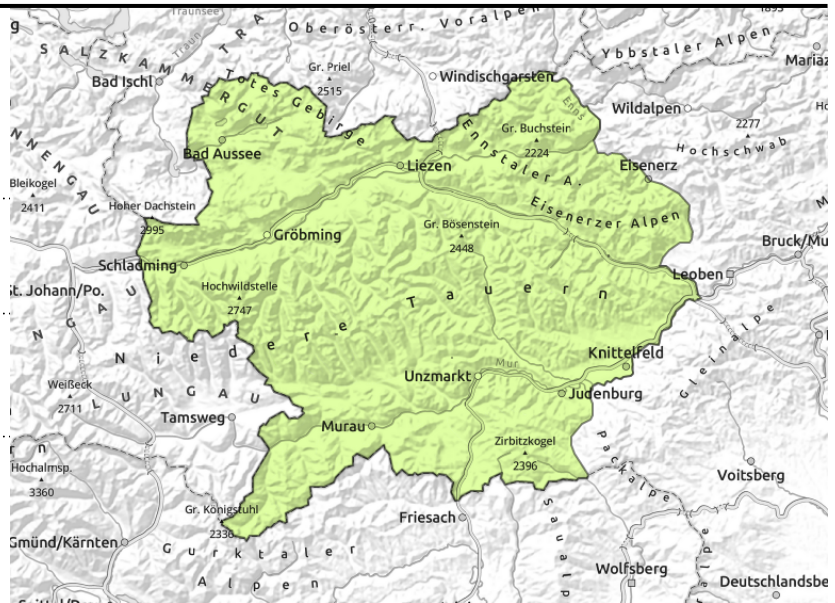
Danger ratings



Expositions



Schladminger Tauern Süd, Südliche Wölzer Tauern, Gurktaler Alpen, Schladminger Tauern Nord, Nördliche Wölzer Tauern, Seetaler Alpen, Gaaler Alpen, Totes Gebirge, Dachsteingebiet, Ennstaler Alpen, Rottenmanner Tauern, Eisenerzer Alpen, Triebener Tauern



thin/small snowdrift masses at high altitudes



wet snowpack, esp. on south-facing slopes due to solar radiation

Snowdrift accumulations at high altitudes, naturally triggered wet-snow activity at intermediate altitudes

Avalanche danger is low, but on high-altitude north-facing slopes there are isolated danger zones where freshly generated snowdrift accumulations can trigger small slab avalanches, mostly by large additional loading. In addition, isolated wet slides cannot be excluded. Beware potential starting zones.

Snowpack structure

The snowpack base is stable by and large, but moist at the base, tending to glide over smooth ground. At low altitudes there is hardly any snow on the ground. Elsewhere the snowpack is well bonded up to high altitudes. On south-facing slopes the snowpack is moist-to-wet, only on north-facing slopes are the uppermost layers still dry, thus, they can be transported by the southerly foehn winds, deposited as thin, fresh snowdrift accumulations, poorly bonded with dry-snow surfaces, better bonded with the moist surfaces at intermediate altitudes. On shady slopes, still reserves of cold up to summit levels.

Weather

Sunday will be pleasant from the start, but high altitude cirrus clouds will hamper the sunshine somewhat in all of Styria. A storm-strength SW wind will be blowing widespread. At 2000 m: +1 degree; at 1500 m: +5 degrees; in the south at 2000 m around 0 degrees; at 1500 m: +3 degrees.

Outlook

On Monday, predominantly cloudy, isolated minor precipitation possible, snowfall level above 1800 m on the Main Alpine Ridge. Winds will shift to northerly and be blowing at moderate velocity. The snowdrift problem will recede swiftly, however on Tuesday some precipitation will generate new drifts due to brisk NW winds.

Avalanche problems



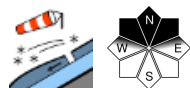
Danger ratings



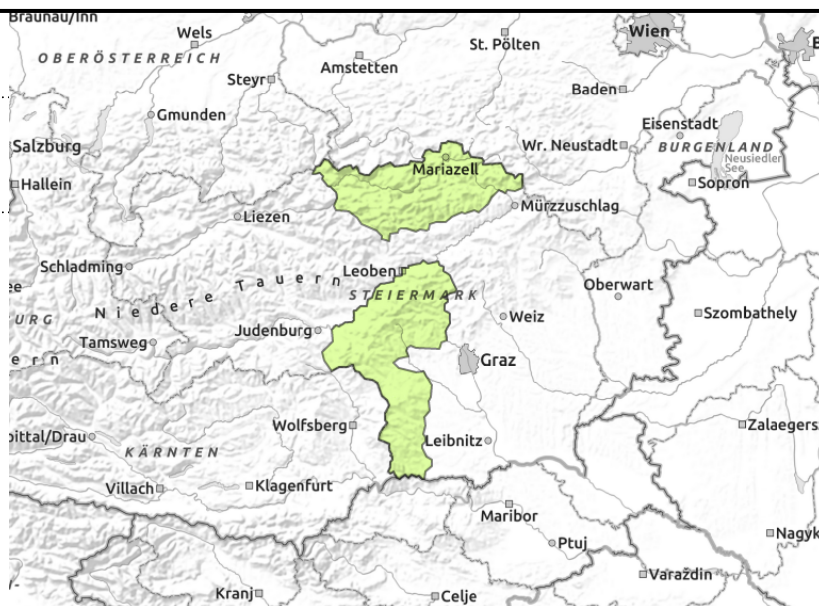
Expositions



Koralpe, Stub- und Gleinalpe, Mürzsteiger Alpen, Hochschwabgebiet



thin snowdrift patches



Low avalanche danger, isolated fresh snowdrifts at high altitudes

Avalanche danger is low. On high-altitude north-facing slopes isolated freshly generated danger zones occur, due to new snowdrift accumulations. A small slab avalanche can be triggered by large additional loading here.

Snowpack structure

The snowpack base is stable by and large, but moist down to the ground, which means it can glide over smooth ground. Not much snow on the ground at low and intermediate altitudes. As a result of stormy southerly foehn winds, thin, fresh snowdrift patches will be generated on north-facing slopes, these will generally bond well with the moist snowpack surface.

Weather

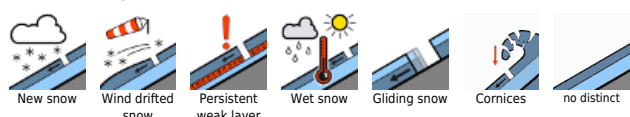
Sunday will be pleasant from the start, but high altitude cirrus clouds will hamper the sunshine somewhat in all of Styria. Along rimline ranges in the morning, high-fog like clouds will accumulate. A storm-strength SW wind will be blowing widespread. At 2000 m: +1 degree; at 1500 m: +5 degrees; in the south at 2000 m around 0 degrees; at 1500 m: +3 degrees.

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Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



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Expositions

