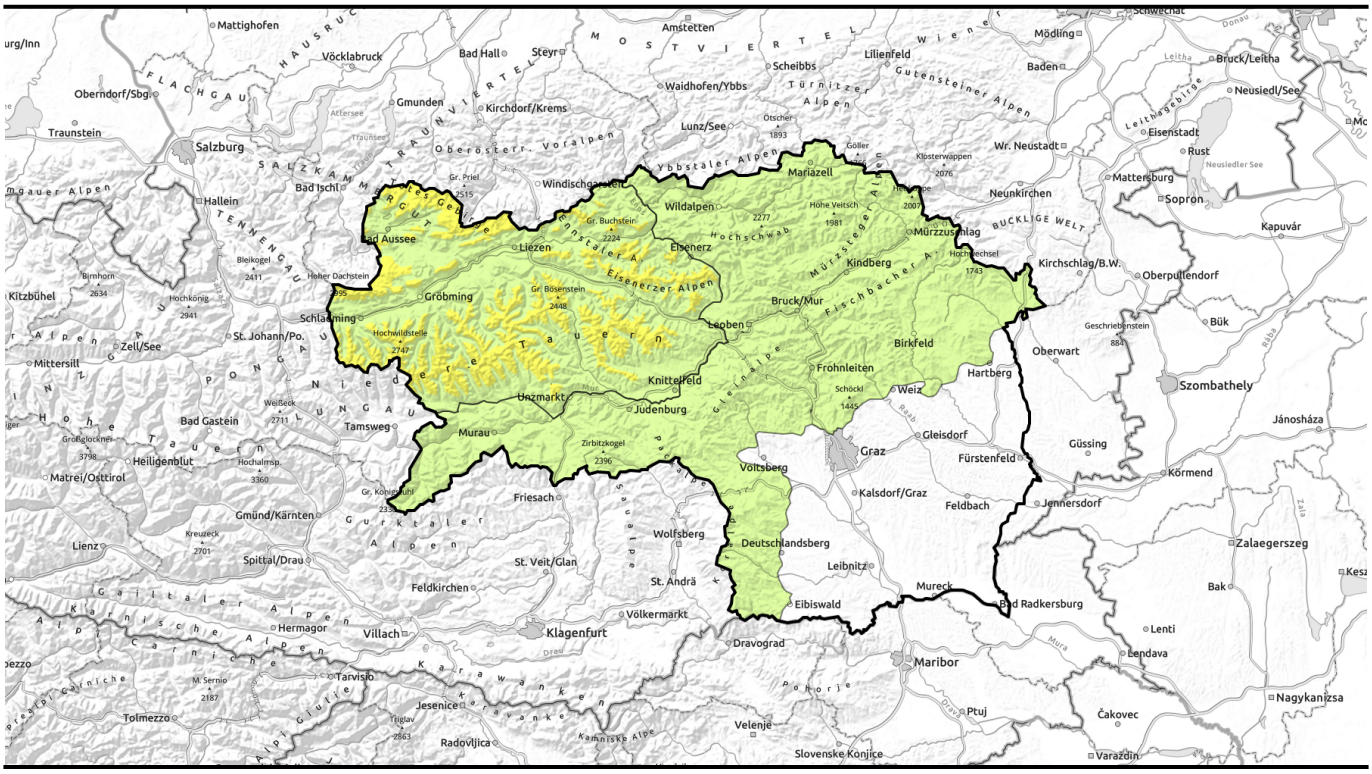
published at 13.03.2023, 18:00 h *by Hatvan Veronika*

Avalanche report for **Tuesday, 14.03.2023**

Das Land Steiermark



Fresh trigger-sensitive snowdrift accumulations at high altitudes, rain-and-wet-snow activity below the treeline

2 1 forestline	Totes Gebirge, Dachsteingebiet, Schladminger Tauern Nord, Ennstaler Alpen, Rottenmanner Tauern, Schladminger Tauern Süd, Nördliche Wölzer Tauern, Seckauer Tauern, Eisenerzer Alpen, Südliche Wölzer Tauern	
1	Mürzsteger Alpen, Östliche Fischbacher Alpen und Wechselgebiet, Mürztaler Alpen, Stub- und Gleinalpe, Koralpe, Hochschwabgebiet, Seetaler Alpen, Westliche Fischbacher Alpen und Grazer Bergland, Gurktaler Alpen	

Avalanche problems

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

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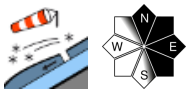
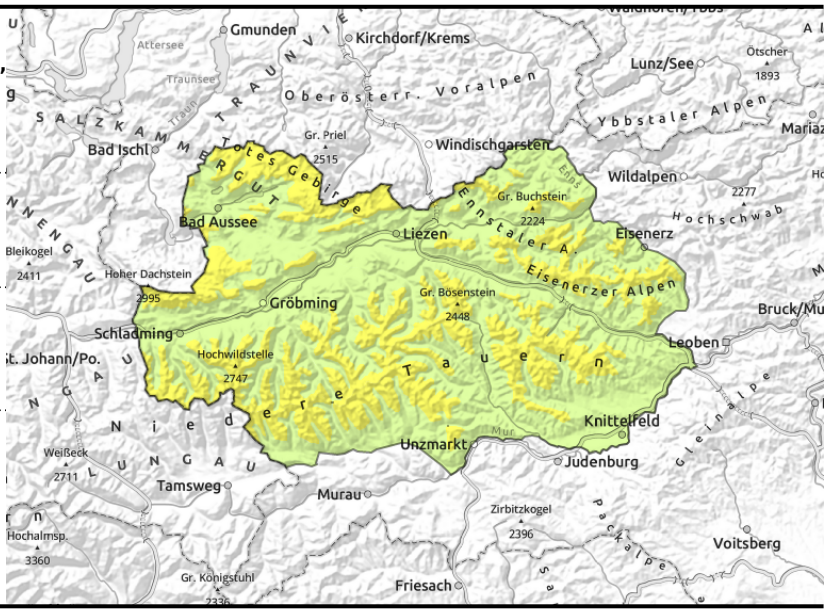
Totes Gebirge, Dachsteingebiet, Schladminger Tauern Nord, Ennstaler Alpen, Rottenmanner Tauern, Schladminger Tauern Süd, Nördliche Wölzer Tauern, Seckauer Tauern, Eisenerzer Alpen, Südliche Wölzer Tauern

forestline



above the treeline

naturally triggered avalanches as rainfall sets in



Moderate avalanche danger above the timberline - fresh, trigger-sensitive snowdrifts

Avalanche danger above the treeline is MODERATE, below that altitude danger is LOW. At high altitudes freshly generated snowdrift accumulations in N/E aspects, behind abrupt discontinuities in the terrain and in gullies and bowls are being generated. They can be triggered even by minimum additional loading in some places and grow to medium size. Danger zones are not visible to the naked eye due to reduced visibility. They increase with ascending altitude.
Below 1600m, rain is weakening the snowpack, wet loose-snow avalanches can be expected in steep terrain. Due to varying snow depths, loose-snow avalanches are usually small, only in zones which have not yet discharged can the grow to medium size.

Snowpack structure

Over the last few days the snowpack has become moist up to high altitudes, at ground level it is moist-to-wet. In general, the old snowpack is quite stable. Weak layers inside the older snowdrift accumulations and in transitions to the old snowpack are in the interim mostly reduced, not likely to trigger expect in isolated cases in shady high altitude terrain. Fresh snowdrifts generated on Tuesday are bonding well with the existing moist snowpack, trigger-sensitive weak layers still can exist inside the snowpack however.
At intermediate altitudes the snowpack is thoroughly wet, the rain softens it still further and makes it lose stability. Snow depths are so minimal, however, that large releases are not possible. At low altitudes the snowpack is fragmented.

Weather

On Tuesday, the peaks in Styria’s mountans will be veiled in cloud, rainfall and snowfall set in from the west in the morning and spread to all regions. The snowfall level will be between 1600m (Dachstein) and 2000 m (Koralpe) in the morning, then descend to 1000 m-1500m. Above the timberline from Dachstein and Totes Gebirge to Niedere Tauern, 10 cm of fresh snow is anticipated, elsewhere only a bit. Winds near the Koralpe will be stormy from the southwest until midday, elsewhere mostly moderate from W/SW. At 2000 m: 0 degrees. Winds will shift in the evening to NW

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | Cornices | no distinct

Danger ratings

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and temperatures will drop further.

Outlook

Little change is expected. As temperatures drop, wet-snow problems will recede. Weak layers inside the snowpacks will persist.

Avalanche problems

Danger ratings

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Das Land Steiermark

Mürzsteger Alpen, Östliche Fischbacher Alpen und Wechselgebiet, Mürztaler Alpen, Stub- und Gleinalpe, Koralpe, Hochschwabgebiet, Seetaler Alpen, Westliche Fischbacher Alpen und Grazer Bergland, Gurktaler Alpen

1

thin snowdrift patches near ridgelines above the treeline

naturally triggered avalanches as rainfall sets in

Low danger - shallow snowdrift patches above the timberline

Avalanche danger is LOW. This snowdrift patches are being generated on N/E facing slopes above the treeline, in isolated cases they can be triggered by minimum additional loading, but the releases remain small-sized. From zones which have not yet discharged, small wet loose-snow avalanches are possible. On shady slopes at high altitudes, the dangers of taking a fall on the icy surfaces require attentiveness.

Snowpack structure

Over the last few days the snowpack has become moist up to high altitudes, at ground level it is moist-to-wet. In general, the old snowpack is quite stable. Weak layers inside the older snowdrift accumulations and in transitions to the old snowpack are in the interim mostly reduced, not likely to trigger expect in isolated cases in shady high altitude terrain. Fresh snowdrifts generated on Tuesday are bonding well with the existing moist snowpack, trigger-sensitive weak layers still can exist inside the snowpack however.
At intermediate altitudes the snowpack is thoroughly wet, the rain softens it still further and makes it lose stability. The gliding of the snowpack over smooth slopes is increasing. Snow depths are so minimal, however, that large releases are not possible. At low altitudes the snowpack is fragmented. In the Graz mountains there is little snow on the ground.

Weather

On Tuesday, the peaks in Styria’s mountans will be veiled in cloud, rainfall and snowfall set in from the west in the morning and spread to all regions. The snowfall level will be between 1600m (Dachstein) and 2000 m (Koralpe) in the morning, then descend to 1000 m-1500m. Above the timberline from Dachstein and Totes Gebirge to Niedere Tauern, 10 cm of fresh snow is anticipated, elsewhere only a bit. Winds near the Koralpe will be stormy from the southwest until midday, elsewhere mostly moderate from W/SW. At 2000 m: 0 degrees. Winds will shift in the evening to NW and temperatures will drop further.

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Outlook

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Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions