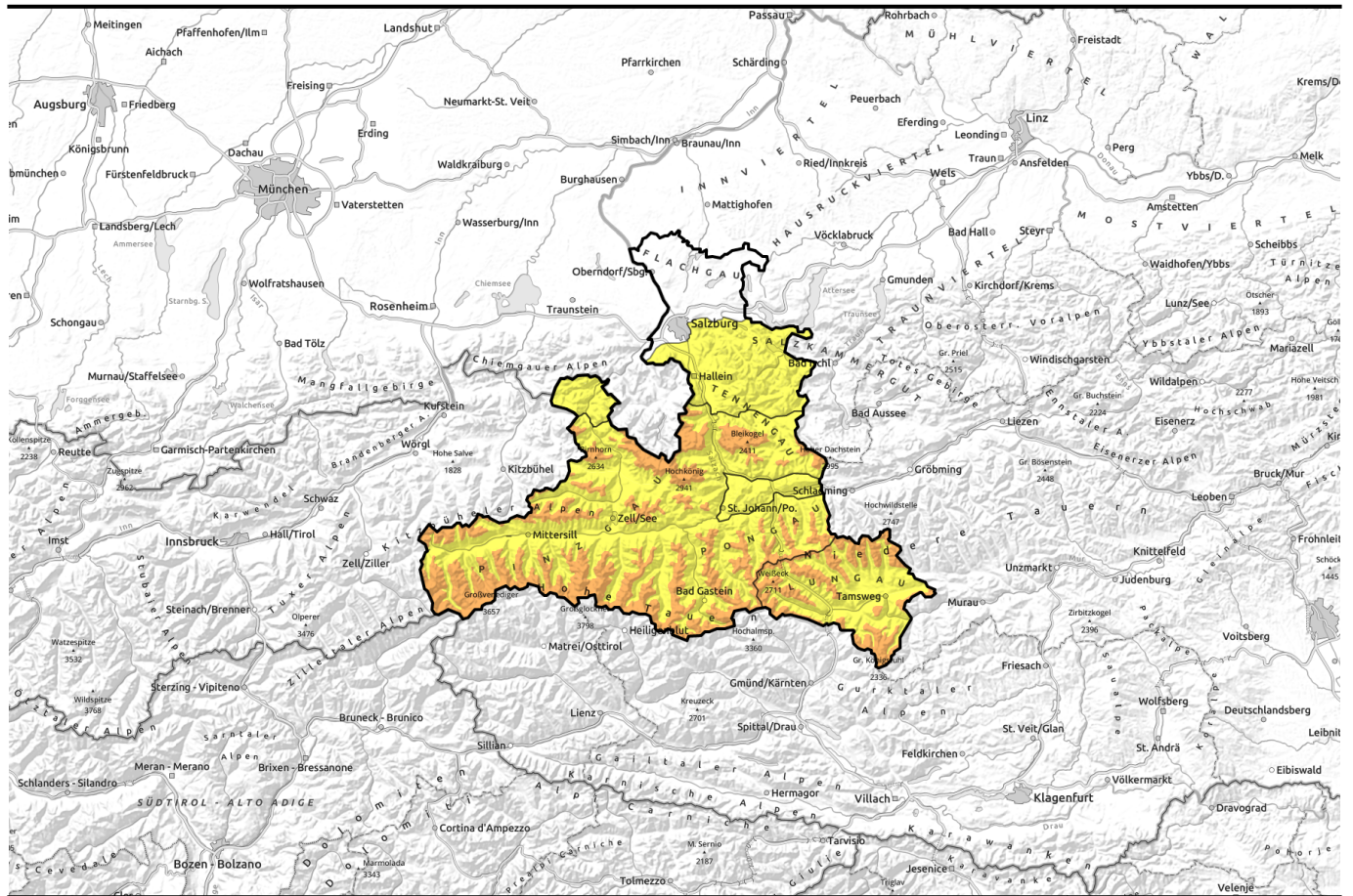


01.02.2021



Snowdrift problem, very poor snow quality

		Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Chiemgauer Alpen, Heutal, Reiteralpe, Pongauer Grasberge	
	1700 m	Niedere Tauern Süd, Ankogelgruppe, Muhr, Nockberge	
	1800 m	Tennengebirge, Gosaukamm, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Loferer und Leoganger Steinberge, Kitzbüheler Alpen, Glemmtal, Dientner Grasberge, Glocknergruppe Nord, Oberpinzgauer Grasberge, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Goldberggruppe Nord, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm	

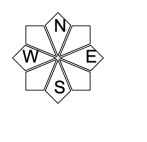
Avalanche problems



Danger ratings



Expositions



01.02.2021

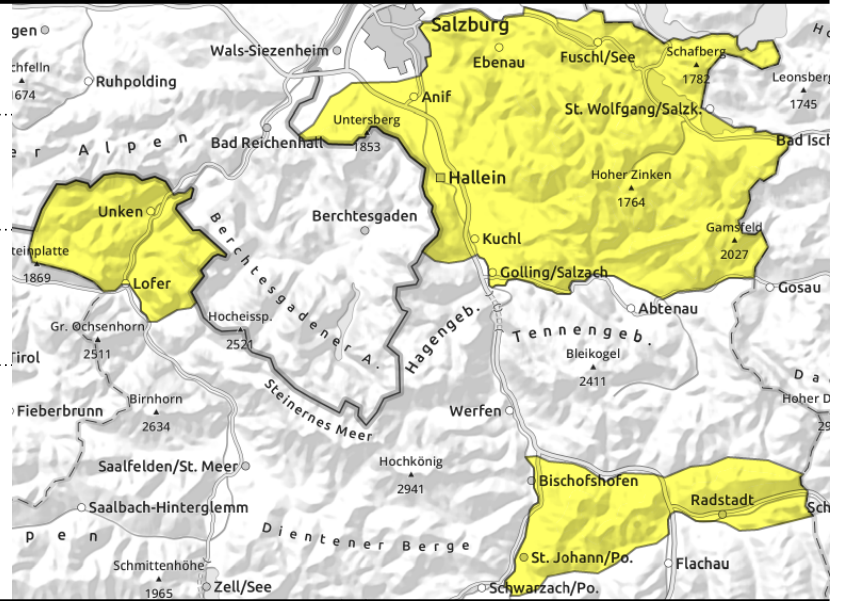
Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Chiemgauer Alpen, Heutal, Reiteralpe, Pongauer Grasberge



near to and distant from ridgelines, triggering primarily by large additional loading



on very steep grassy slopes



Moderate snowdrift problem, also glide-snow below 1500 m

Above the treeline, a dry-snow slab can be triggered in isolated spots in N-E-S aspects particularly by large additional loading and on very steep slopes. Slab avalanches can grow to medium size. Below the timberline small wet-snow slides and isolated naturally triggered glide-snow avalanches are possible on extremely steep grassy slopes.

Snowpack structure

Last week there was rainfall up to 2000 m amid storm winds. The latest round of fresh snow / snowdrifts was deposited atop a firm layer. Deeper down in the snowpack are unbonded granular crystals from the beginning of January. The snowpack in all aspects is relatively isotherm and variably moist in the innermost layers.

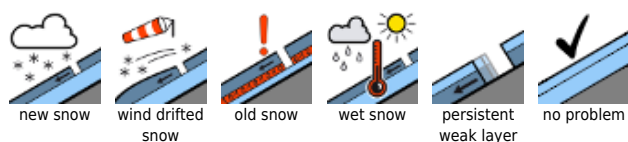
Weather

On Monday, visibility will be good, peaks free, sunshine evident at the start accompanied by thin clouds. Clouds will pass through above summit level, intensify during the afternoon, visibility will then become diffuse. Very little wind. At 1500 m, rising from -2 to +1 degree, at 2000 m, up to -1 degree.

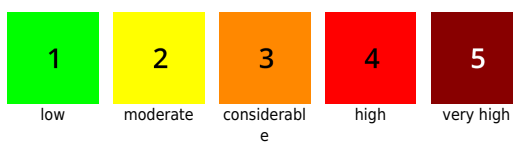
Outlook

On Tuesday and Wednesday, little change anticipated. Snow quality will not improve.

Avalanche problems



Danger ratings

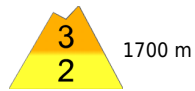


Expositions



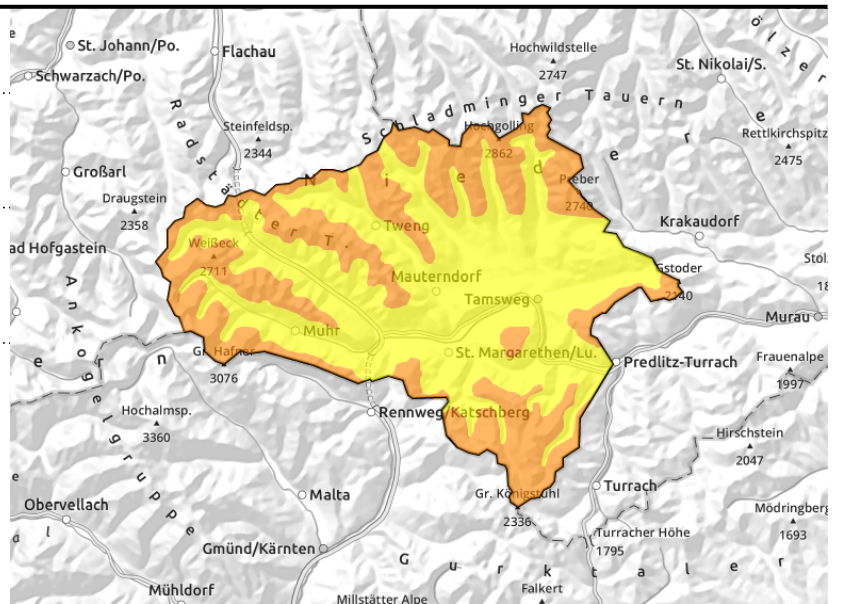
01.02.2021

Niedere Tauern Süd, Ankogelgruppe, Muhr, Nockberge



near to and distant from ridgelines, minimum additional loading is sufficient

triggerable in transitions from shallow to deep snow, above 1800 m



Recent snowdrifts can still be triggered

Slab avalanches can be triggered in E-S-W aspects in very steep terrain above 1700 m in some places. The impulse of one sole person is still sufficient in many places. Slab avalanches can grow to medium-to-large size. Avalanche prone locations are recognizable for schooled eyes, both near to and distant from ridgelines.

Snowpack structure

Several days of stormy winds mark the snowpack in the Lungau. Gullies and bowls are filled with drifts, exposed terrain is windblown. Bonding between compact snowdrifts and old snowpack is rather unfavourable, fractures can propagate at the borderlines, as avalanches in the Lungau on the weekend demonstrated. Deeper inside the snowpack are unbonded granular crystals widespread above 1800 m in all aspects, generated at the beginning of January.

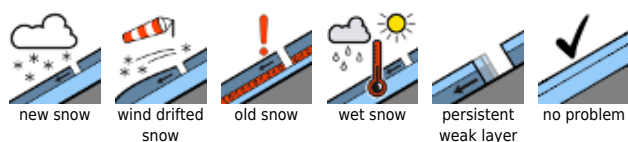
Weather

On Monday, initial sunshine accompanied by high-altitude clouds. Clouds passing through will remain far above summit level, will become heavier in the afternoon, visibility will then become diffuse. Moderate winds, above 2000 m at 30 km/hr. Temperatures at 2000 m rising from -6 to -4 degrees; at 3000 m, still a cold -8 degrees.

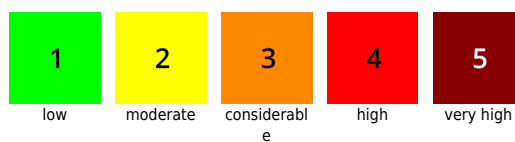
Outlook

The danger of slab avalanches will slowly recede. On Wednesday, noticeably higher temperatures

Avalanche problems



Danger ratings

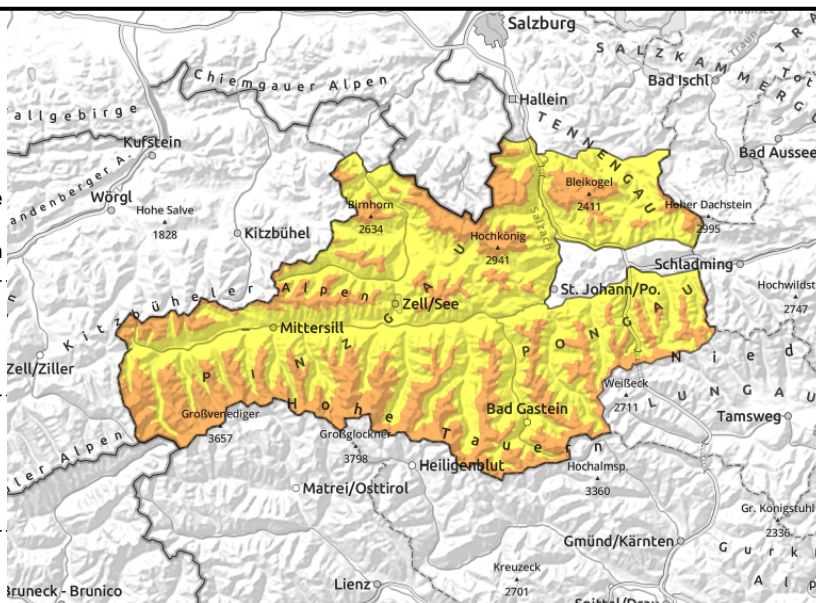


Expositions



01.02.2021

Tennengebirge, Gosaukamm, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Loferer und Leoganger Steinberge, Kitzbüheler Alpen, Glemmtal, Dientner Grasberge, Glocknergruppe Nord, Oberpinzgauer Grasberge, Großvenedigergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Goldberggruppe Nord, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Goldberggruppe Alpenhauptkamm



1800 m



near to and distant from ridgelines, above 1800 m, by minimum additional loading



triggerable in transitions from shallow to deep snow, by large additional loading

Ongoing snowdrift problem above 1800 m

A dry-snow slab avalanche can be triggered above 1800 m on numerous very steep slopes, particularly in NW-NE-S aspects. Slab avalanches can grow to medium-to-large size. Still treacherous are the recently generated snowdrift accumulations which are relatively easy to recognize both near to and distant from ridgelines. Caution urged in steep zones where the snow is shallow and in transitions from shallow to deep snow. In these spots, the snowpack should be left in peace, i.e. circumvented.

Below the timberline, medium-sized wet-snow avalanches are possible. Isolated naturally triggered glide-snow avalanches can trigger on extremely steep grass-covered slopes.

Snowpack structure

The more recent fresh snow / snowdrifts were deposited atop a firm layer. The snow base often consists of melt-freeze snow whose crusts are soft, and windblown surfaces. The uppermost layers (upper 30 cm) have weak layers (surface hoar, also cold-on-warm effect) which were triggered several times over the weekend in avalanche accidents. Deep inside the snowpack are widespread unbonded granular layers from the beginning of January, above 1800 m in all aspects, which were triggered on the weekend primarily by large additional impulses (artificially, through explosives).

Weather

On Monday, the peaks will be free above the valley fog and initially there will also be sunshine, accompanied by thin clouds. Clouds will pass through above summit level and intensify in the afternoon, visibility will then become diffuse. Moderate winds, blowing at 30 km/hr above 2000 m. Temperature at 2000 m, rising from -3 to 1 degree; at 3000 m still a cold -8 degrees.

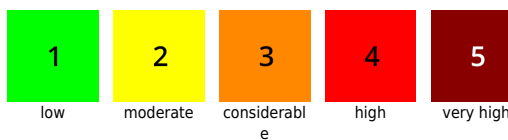
Outlook

On Tuesday and Wednesday, little change is anticipated. Snow quality will remain something for specialists.

Avalanche problems



Danger ratings



Expositions

