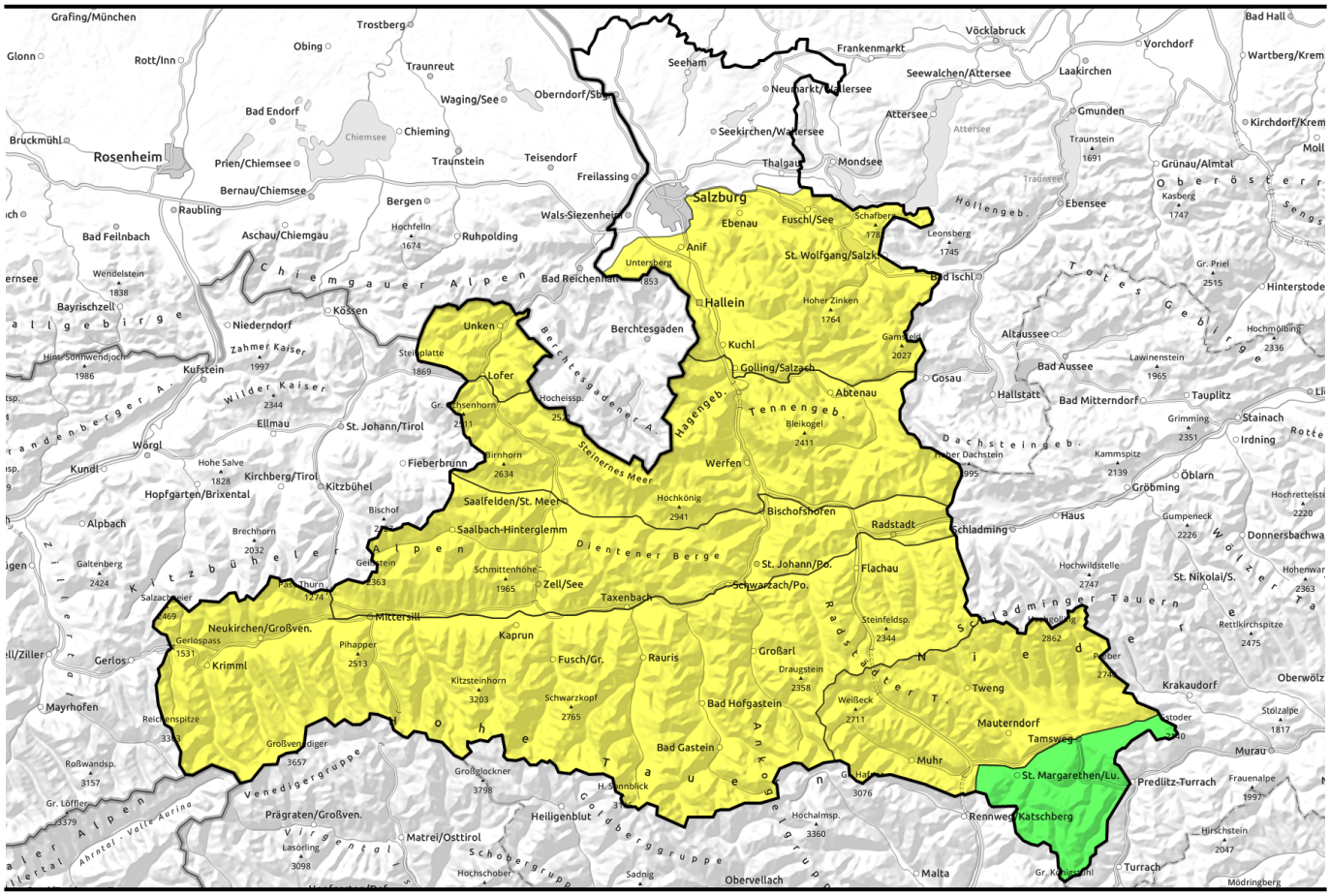
Avalanche report from 20.04.2021, 18:00 h *by Butschek Michael*

21.04.2021

LAND SALZBURG



Snowpack losing its firmness due to warmth and solar radiation

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

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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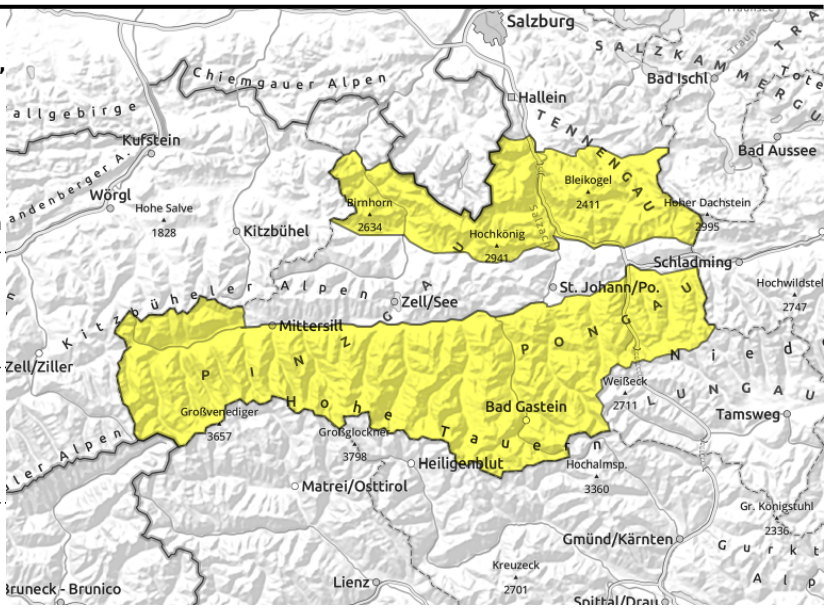
Loferer und Leoganger Steinberge, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Oberpinzgauer Grasberge, Goldberggruppe Nord, Glocknergruppe Nord, Großvenedigergruppe Nord, Großvenedigergruppe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



2


Daytime cycle of naturally triggered avalanches, on sunny slopes up to 2400m


above 2000m, triggerable in transitions from shallow to deeper snow

Naturally triggered avalanches more frequent starting in mid-morning

Avalanche danger will rise to MODERATE already during the morning.
Wet-snow problem: numerous small-to-medium (isolated large-sized) naturally triggered wet loose-snow avalanches in very-steep to extremely-steep terrain, on sunny slopes up to 2400m. Wherever it snowed last week, isolated medium-sized glide-snow avalanches are possible on slopes which were previously bare.
Dry-snow avalanches: above 2200m in isolated spots in extremely steep and ridgeline terrain where a medium-to-large dry-snow slab avalanche can be triggered (old-snow problem, large additional loading, transitions from shallow to deeper snow). In steep ridgeline terrain at high altitude, in addition, caution urged toards fresh, thin snowdrifts: danger of falling.

Snowpack structure

Atop a well settled old snowpack there has been 10-20 cm of fresh snow deposited over widespread areas, which up to intermediate altitudes is moistened. Thin, superficial crusts on sunny slopes soften rapidly in the daytime due to solar radiation, and the snowpack moistening process continues. On very steep grass-covered slopes the snowpack can glide across the ground. Potential fracture points for slab avalanches exist only in isolated cases in the uppermost melt-freeze crusts of the old snowpack above 2000 m. In exposed high-alpine ridgeline terrain there are thin snowdrift patches generated by strong N/W winds.

Weather

Following a night of clear skies, Wednesday will begin with brilliant sunshine and outstanding visibility. As of midday, convective cloud build-up will intensify, peaks and high alpine terrain will disappear in fog. Rain showers are possible in isolated cases, snowfall above 1600-2000m. Light to moderate W/NW winds. Temperatures at 2000 m: from -2 to +3 degrees; at 3000 m, -7 degrees.
On Thursday following a night of clear skies, sunshine and clouds will alternate accompanied by showers, snowfall level 1400-1800m. Amid strong NW winds, temperatures on the northern flank of the Alps will drop somewhat.

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

Avalanche report from 20.04.2021, 18:00 h *by Butschek Michael*

21.04.2021

Outlook

On Thursday, delayed cycle of naturally triggered avalanche activity due to cloud cover and lower temperatures. And danger of small-to-medium wet-snow avalanches due to rainfall up to intermediate altitudes.

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

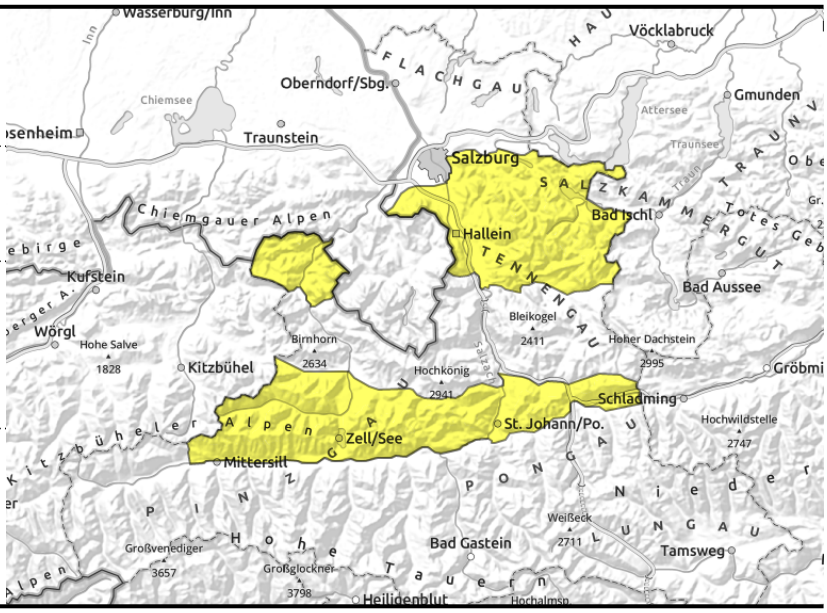
1	2	3	4	5
low	moderate	considerable	high	very high

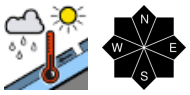
Expositions

Avalanche report from 20.04.2021, 18:00 h *by Butschek Michael*

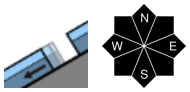
21.04.2021

Untersbergstock, Osterhorngruppe, Gamsfeldgruppe, Chiemgauer Alpen, Heutal, Reiteralpe, Dientner Grasberge, Kitzbüheler Alpen, Glemmtal, Pongauer Grasberge





Daytime cycle of naturally triggered avalanche activity starting in mid-morning in extended eastern aspects



in extremely steep grass-covered terrain

Naturally triggered avalanches increasing starting in mid-morning

Avalanche danger will increase to MODERATE already in mid-morning
Main danger: numerous small-to-medium naturally triggered wet-snow avalanches in very-steep to extremely-steep terrain up to summit zones. From the Chiemgau Alps to the Gamsfeld Massif, isolated medium-sized glide-snow avalanches are possibe in terrain where the ground was previously bare.

Snowpack structure

Atop a well settled old snowpack there has been 5-10 cm of fresh snow deposited over widespread areas, which up to intermediate altitudes is moistened. Thin, superficial crusts on sunny slopes soften rapidly in the daytime due to solar radiation, and the snowpack moistening process continues. On very steep grass-covered slopes the snowpack can glide across the ground.

Weather

Following a night of clear skies, Wednesday will begin with brilliant sunshine and outstanding visibility. As of midday, convective cloud build-up will intensify, peaks and high alpine terrain will disappear in fog. Rain showers are possible in isolated cases, snowfall above 1600-2000m. Light to moderate W/NW winds. Temperatures at 1500m, 0 to 7 degrees; at 2000 m: from -2 to +3 degrees. On Thursday following a night of clear skies, sunshine and clouds will alternate accompanied by showers, snowfall level 1400-1800m. Amid strong NW winds, temperatures on the northern flank of the Alps will drop somewhat.

Outlook

On Thursday following a night of clear skies, sunshine and clouds will alternate, with some showers (snowfall level 1400-1800m). Strong NW winds will lower temperatures somewhat.

Avalanche problems

Danger ratings

Expositions

Avalanche report from 20.04.2021, 18:00 h *by Butschek Michael*

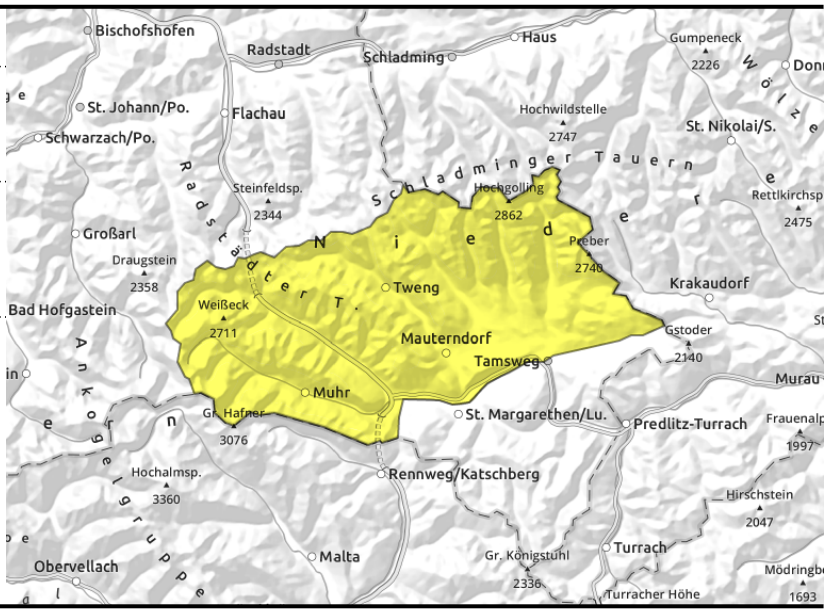
21.04.2021

LAND SALZBURG

Ankogelgruppe, Muhr, Niedere Tauern Süd

Daytime cycle of naturally triggered avalanches, on sunny slopes up to 2400m

thin ridgeline snowdrift patches, above 2000 m superficial old-snow problem



Naturally triggered avalanches, danger of falling due to ridgeline snowdrift patches

Avalanche danger will rise to MODERATE already in the morning hours.
Wet-snow problem: numerous small-to-medium (isolated large-sized) naturally triggered wet loose-snow avalanches in very-steep to extremely-steep terrain, on sunny slopes up to 2400m.
Dry-snow avalanches: above 2200m in isolated spots in extremely steep and ridgeline terrain where a medium-to-large dry-snow slab avalanche can be triggered (old-snow problem, large additional loading, transitions from shallow to deeper snow). In steep ridgeline terrain at high altitude, in addition, caution urged toards fresh, thin snowdrifts: danger of falling.

Snowpack structure

Atop a well settled old snowpack there has been 10-20 cm of fresh snow deposited over widespread areas, which up to intermediate altitudes is moistened. Thin, superficial crusts on sunny slopes soften rapidly in the daytime due to solar radiation, and the snowpack moistening process continues. On very steep grass-covered slopes the snowpack can glide across the ground. Potential fracture points for slab avalanches exist only in isolated cases in the uppermost melt-freeze crusts of the old snowpack above 2000 m. In exposed high-alpine ridgeline terrain there are thin snowdrift patches generated by strong N/W winds.

Weather

Following a night of clear skies, Wednesday will begin with brilliant sunshine and outstanding visibility. As of midday, convective cloud build-up will intensify, peaks and high alpine terrain will disappear in fog. Rain showers are possible in isolated cases, snowfall above 1600-2000m. Light to moderate W/NW winds. Temperatures at 2000 m: from -2 to +3 degrees; at 3000 m, -7 degrees.
On Thursday following a night of clear skies, sunshine and clouds will alternate, with some showers, snowfall level at 1600-2000m. Strong NW winds.

Outlook

On Thursday, delayed cycle of naturally triggered avalanche activity due to cloud cover and lower temperatures. And danger of small-to-medium wet-snow avalanches due to rainfall up to intermediate

Avalanche problems

Danger ratings

Expositions

21.04.2021

altitudes.

Avalanche problems

New snow | Wind drifted snow | Persistent weak layer | Wet snow | Gliding snow | No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

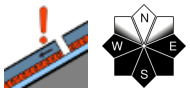
Avalanche report from 20.04.2021, 18:00 h *by Butschek Michael*

21.04.2021

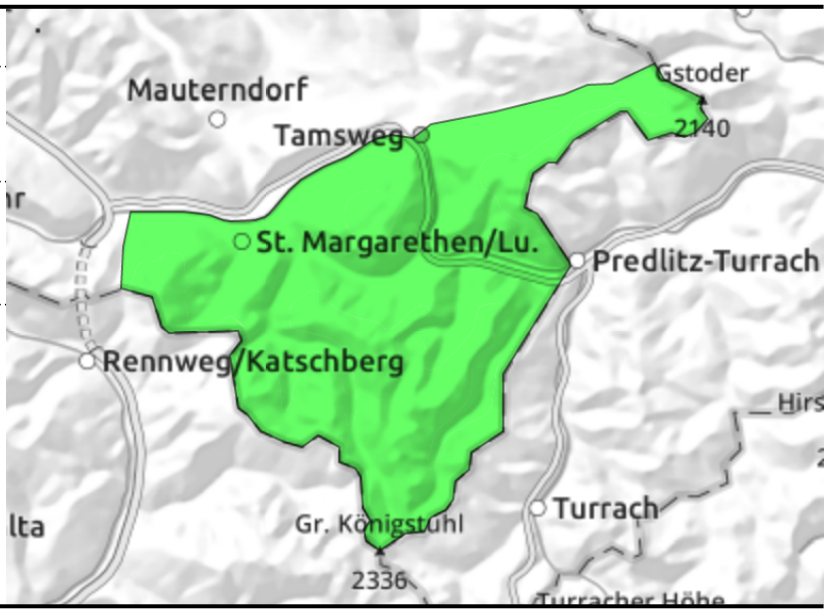
LAND SALZBURG

Nockberge

Wet-snow avalanches during daytime, mostly small



Old ridgeline snowdrifts, small, very few spots in extremely-steep terrain



Isolated avalanche prone locations for slab, small wet-snow avalanches

Danger of avalanches is LOW. In extremely-steep ridgeline terrain there are isolated avalanche prone locations for dry slab avalanches up to medium size. Triggering points are most likely in E-S-W aspects above 2000 m. Triggering generally requires large additional loading. Transitions from shallow to deep snow (or vice versa) are particularly treacherous. On sun-drenched slopes, superficial wet-snow avalanches are possible, mostly small-sized.

Snowpack structure

Compact surfaces dominate, often breakable crustss. Particularly on steep sunny slopes the snow softens up during the daytime. Bonding to the compact old snowpack is generally good. Near ridgelines there are older, mostly compact snowdrift accumulations generated by northerly winds.

Weather

Following a night of clear skies, Wednesday will begin with brilliant sunshine and outstanding visibility. As of midday, convective cloud build-up will intensify, peaks and high alpine terrain will disappear in fog. Rain showers are possible in isolated cases, snowfall above 1600-2000m. Light to moderate W/NW winds. Temperatures at 2000 m: from -2 to +3 degrees.
On Thursday following a night of clear skies, sunshine and clouds will alternate, with some showers, snowfall level at 1600-2000m. Strong NW winds.

Outlook

No significant change is expected.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions