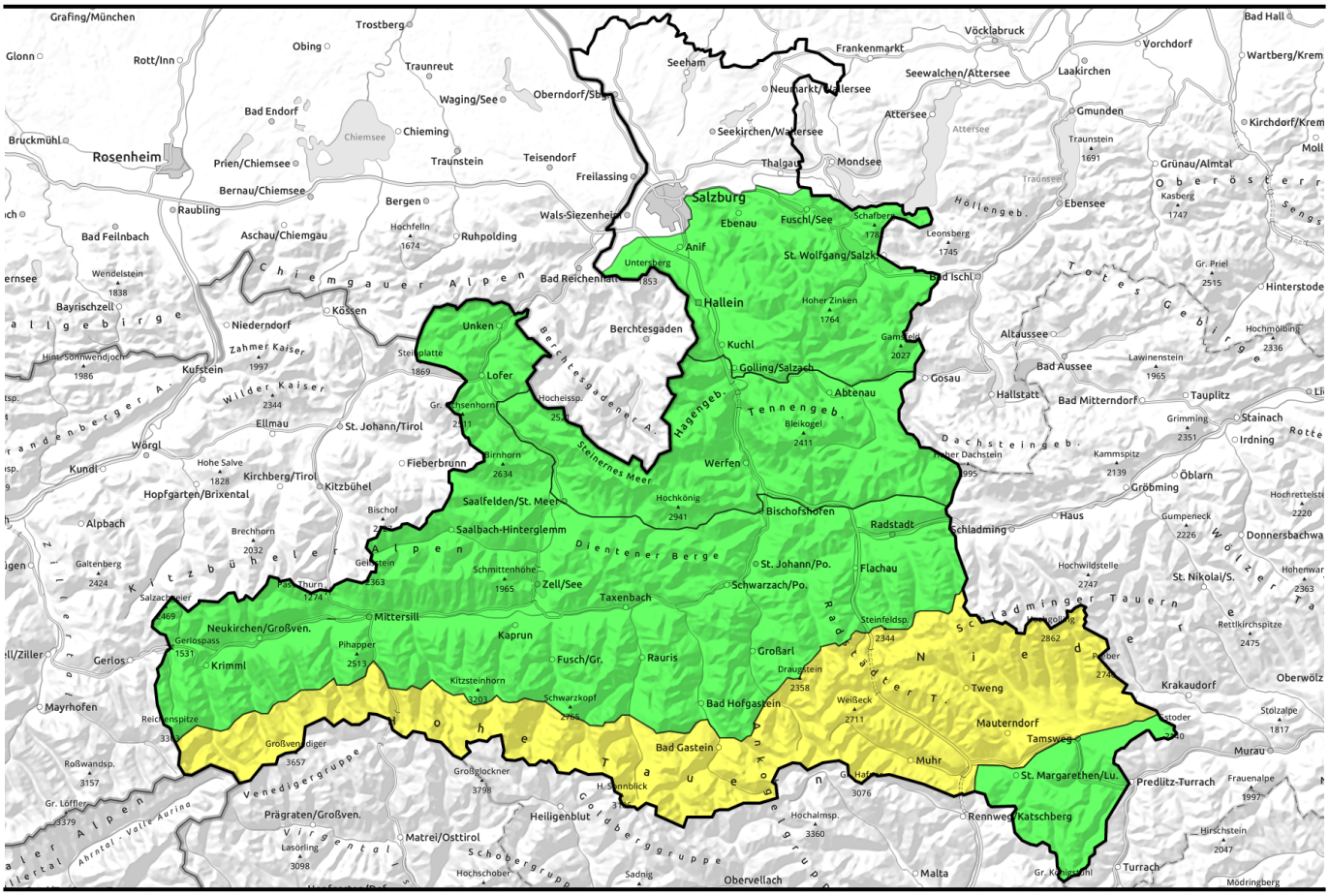
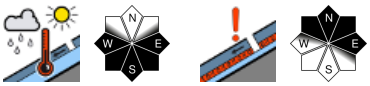
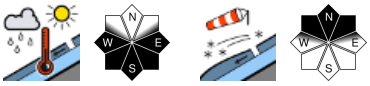
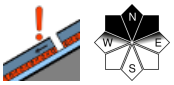
Avalanche report from 19.03.2022, 18:00 h *by Butschek Michael*

20.03.2022, morning

LAND SALZBURG



Melt-freeze & firn snow / Southerly foehn wind

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

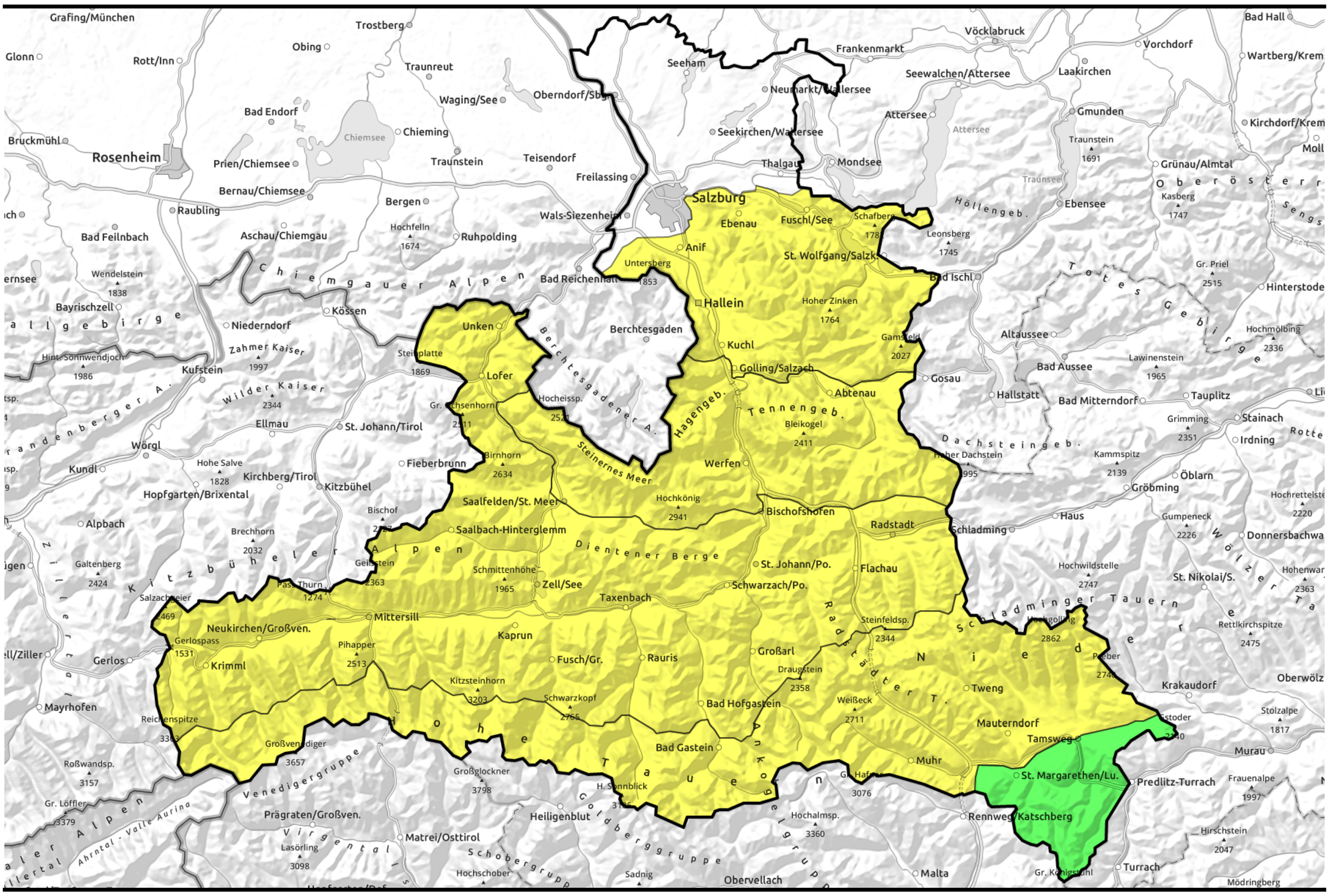
1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

Avalanche report from 19.03.2022, 18:00 h *by Butschek Michael*

20.03.2022, afternoon

LAND SALZBURG



Harsch, Firn und föhniger Südwind

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

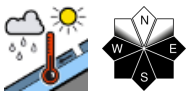
N E S W

Avalanche report from 19.03.2022, 18:00 h *by Butschek Michael*

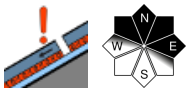
20.03.2022, morning

LAND SALZBURG

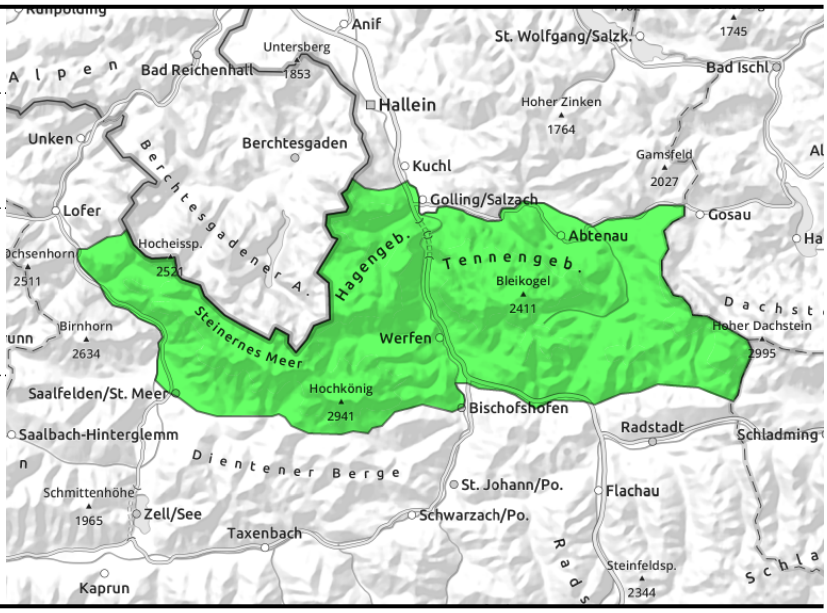
Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm



daytime cycle of naturally triggered avalanches on steep sun-drenched slopes / glide-snow activity



triggerable in edges of gullies, bowls above 2000 m



Loss of firmness due to solar radiation

Avalanche danger is initially LOW, then rises to MODERATE during the day. On sun-drenched steep slopes, naturally or skier-caused small-to-medium loose-snow avalanches are possible. Also glide-snow avalanches (medium-to-large) are possible on steep grass-covered slopes. At high altitudes there are danger zones due to fresh snowdrifts behind protruberances and in gullies, increasingly in NW to N to E facing slopes, where even low additional loading can trigger a small slab. Very few danger zones exist in the shallow-snow transitions (persistent weak layer). There, large additional loading can trigger a slab avalanche which can reach medium size.

Snowpack structure

At low and intermediate altitudes the moist snowpack is encrusted, often capable of bearing loads. During the daytime it softens, depending on gradient and aspect. On steep sunny slopes the snowpack loses its firmness. On very steep grassy slopes the snowpack can glide away over the ground. At high altitudes lies 10-20 cm of melt-freeze encrusted snow, on shady slopes atop faceted old snow which is often poorly bonded. Beneath the superficial melt-freeze crusts are soft, faceted crystals (persistent weak layer) which are unlikely to trigger for the moment.

Weather

On Saturday night, clear skies, although foehn wind will hamper the cooling. During the daytime on Sunday, unimpaired sunshine, strong southerly winds (30-50 km/hr). At 2000 m: -5 to -2 degrees; at 3000 m: -8 degrees.
On Monday following a night of clear skies, unimpaired sunshine, top visibility, extremely dry air. Initially, winds will be moderate to strong from the south, later on they will slacken off and shift to northeasterly. At 2000 m: -1 to +1 degree; at 3000 m: -6 degrees.

Outlook

Due to very dry air, delayed loss of firmness and only a slight daytime danger cycle on Monday.

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

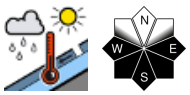
Expositions

Avalanche report from 19.03.2022, 18:00 h *by Butschek Michael*

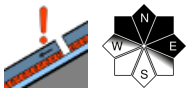
20.03.2022, afternoon

LAND SALZBURG

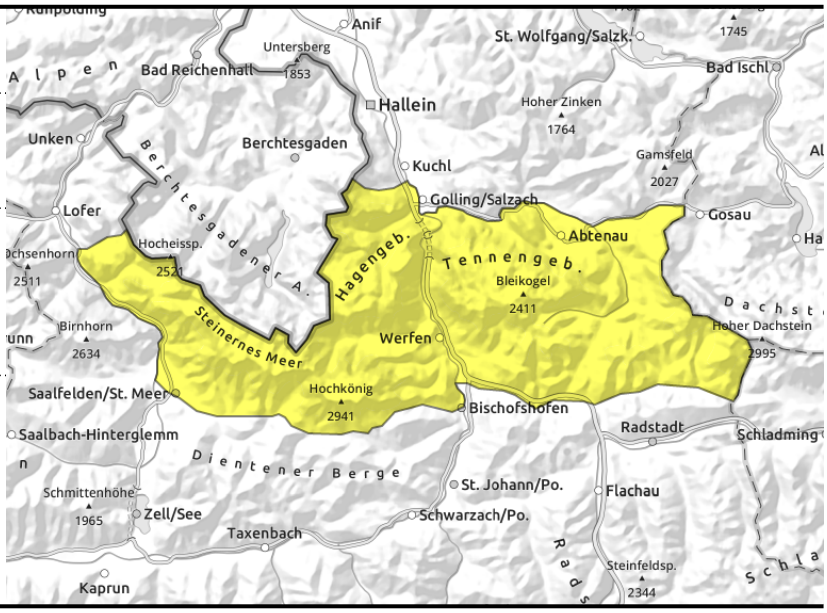
Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm



daytime cycle of naturally triggered avalanches on steep sun-drenched slopes / glide-snow activity



triggerable in edges of gullies, bowls above 2000 m



Loss of firmness due to solar radiation

Avalanche danger is initially LOW, then rises to MODERATE during the day. On sun-drenched steep slopes, naturally or skier-caused small-to-medium loose-snow avalanches are possible. Also glide-snow avalanches (medium-to-large) are possible on steep grass-covered slopes. At high altitudes there are danger zones due to fresh snowdrifts behind protruberances and in gullies, increasingly in NW to N to E facing slopes, where even low additional loading can trigger a small slab. Very few danger zones exist in the shallow-snow transitions (persistent weak layer). There, large additional loading can trigger a slab avalanche which can reach medium size.

Snowpack structure

At low and intermediate altitudes the moist snowpack is encrusted, often capable of bearing loads. During the daytime it softens, depending on gradient and aspect. On steep sunny slopes the snowpack loses its firmness. On very steep grassy slopes the snowpack can glide away over the ground. At high altitudes lies 10-20 cm of melt-freeze encrusted snow, on shady slopes atop faceted old snow which is often poorly bonded. Beneath the superficial melt-freeze crusts are soft, faceted crystals (persistent weak layer) which are unlikely to trigger for the moment.

Weather

On Saturday night, clear skies, although foehn wind will hamper the cooling. During the daytime on Sunday, unimpaired sunshine, strong southerly winds (30-50 km/hr). At 2000 m: -5 to -2 degrees; at 3000 m: -8 degrees.
On Monday following a night of clear skies, unimpaired sunshine, top visibility, extremely dry air. Initially, winds will be moderate to strong from the south, later on they will slacken off and shift to northeasterly. At 2000 m: -1 to +1 degree; at 3000 m: -6 degrees.

Outlook

Due to very dry air, delayed loss of firmness and only a slight daytime danger cycle on Monday.

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

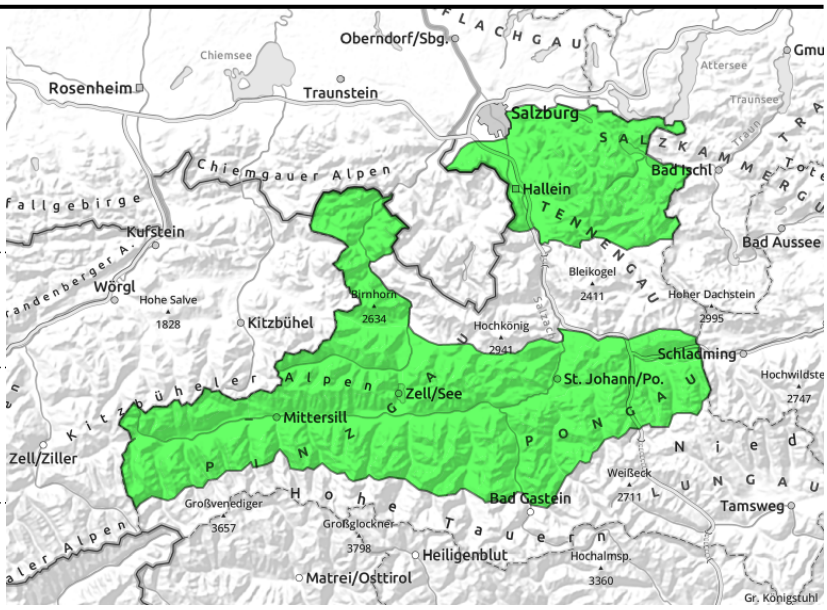
Expositions

Avalanche report from 19.03.2022, 18:00 h *by Butschek Michael*

20.03.2022, morning

LAND SALZBURG

Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Chiemgauer Alpen, Heutal, Reiteralpe, Loferer und Leoganger Steinberge, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Pongauer Grasberge, Dientner Grasberge, Niedere Tauern Nord, Großvenedigergruppe Nord, Glocknergruppe Nord, Goldberggruppe Nord



1


daytime cycle of naturally triggered avalanches on steep, sun-drenched slopes


in extremely steep grass-covered terrain, possible any time of day or night

Loss of firmness in case of solar radiation

Avalanche danger is LOW in early morning, then rises to MODERATE. In sun-drenched steep terrain small-to-medium wet loose-snow avalanches are possible in some spots, either naturally or skier-caused. Also glide-snow avalanches (medium to large) are possible in steep grassy terrain at any time of day or night.

Snowpack structure

The snowpack is generally encrusted, often capable of bearing loads and softens up with varying swiftness, depending on steepness and aspect. On steep sunny slopes the snowpack loses its firmness. On very steep grassy slopes the snowpack is sliding in entirety over the ground. Beneath the superficial melt-freeze crusts there are faceted soft layers (persistent weak layer) but these are currently unlikely to trigger.

Weather

On Saturday night, clear skies, although foehn wind will hamper the cooling. During the daytime on Sunday, unimpaired sunshine, strong southerly winds (30-50 km/hr). At 2000 m: -5 to -2 degrees. On Monday following a night of clear skies, unimpaired sunshine, top visibility, extremely dry air. Initially, winds will be moderate to strong from the south, later on they will slacken off and shift to northeasterly. At 2000 m: -1 to +1 degree.

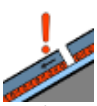
Outlook

Due to very dry air, delayed loss of firmness and only a slight daytime danger cycle on Monday.

Avalanche problems

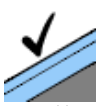

New snow


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

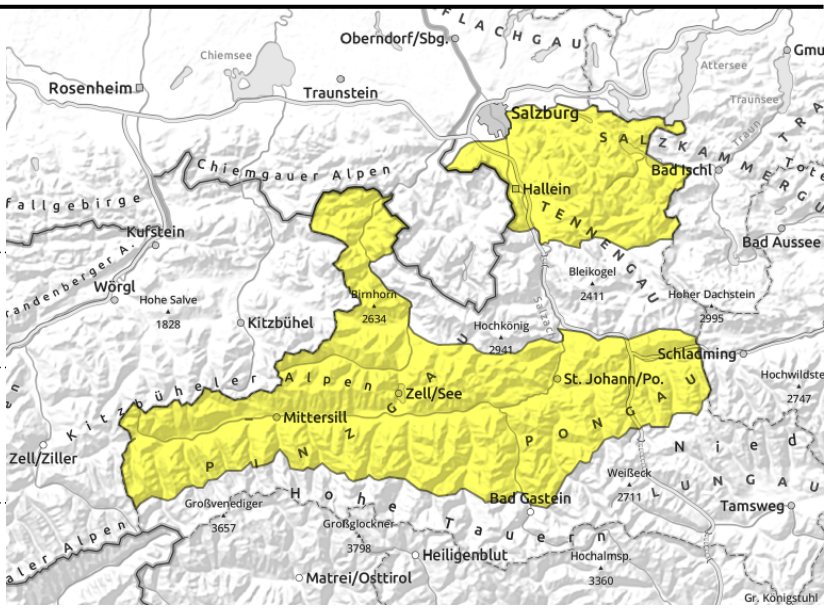
Expositions

Avalanche report from 19.03.2022, 18:00 h *by Butschek Michael*

20.03.2022, afternoon

LAND SALZBURG

Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Chiemgauer Alpen, Heutal, Reiteralpe, Loferer und Leoganger Steinberge, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge, Pongauer Grasberge, Dientner Grasberge, Niedere Tauern Nord, Großvenedigergruppe Nord, Glocknergruppe Nord, Goldberggruppe Nord



2


daytime cycle of naturally triggered avalanches on steep, sun-drenched slopes


in extremely steep grass-covered terrain, possible any time of day or night

Loss of firmness in case of solar radiation

Avalanche danger is LOW in early morning, then rises to MODERATE. In sun-drenched steep terrain small-to-medium wet loose-snow avalanches are possible in some spots, either naturally or skier-caused. Also glide-snow avalanches (medium to large) are possible in steep grassy terrain at any time of day or night.

Snowpack structure

The snowpack is generally encrusted, often capable of bearing loads and softens up with varying swiftness, depending on steepness and aspect. On steep sunny slopes the snowpack loses its firmness. On very steep grassy slopes the snowpack is sliding in entirety over the ground. Beneath the superficial melt-freeze crusts there are faceted soft layers (persistent weak layer) but these are currently unlikely to trigger.

Weather

On Saturday night, clear skies, although foehn wind will hamper the cooling. During the daytime on Sunday, unimpaired sunshine, strong southerly winds (30-50 km/hr). At 2000 m: -5 to -2 degrees. On Monday following a night of clear skies, unimpaired sunshine, top visibility, extremely dry air. Initially, winds will be moderate to strong from the south, later on they will slacken off and shift to northeasterly. At 2000 m: -1 to +1 degree.

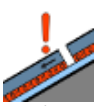
Outlook

Due to very dry air, delayed loss of firmness and only a slight daytime danger cycle on Monday.

Avalanche problems

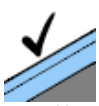

New snow


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

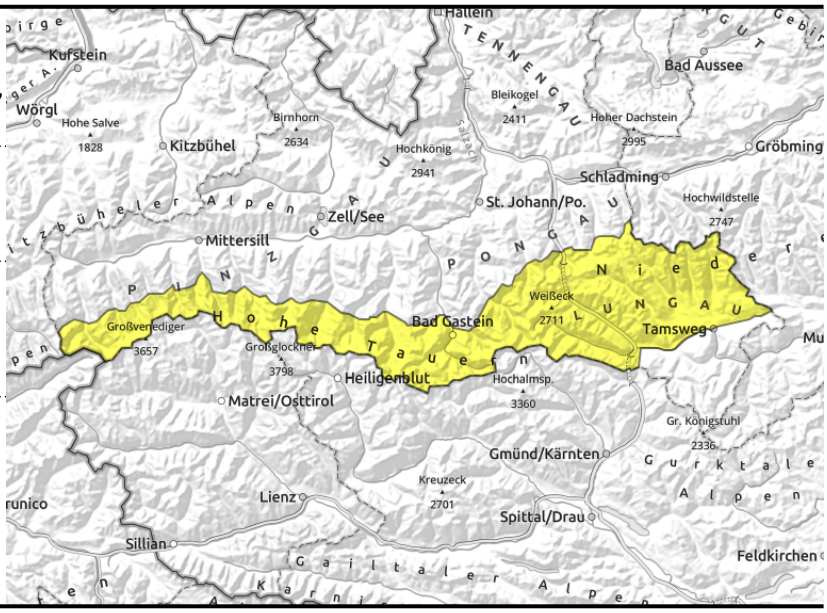
Expositions

Avalanche report from 19.03.2022, 18:00 h *by Butschek Michael*

20.03.2022

LAND SALZBURG

Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Niedere Tauern Alpenhauptkamm, Ankogelgruppe, Muhr, Niedere Tauern Süd



2

naturally triggered avalanches, low reserves of cold after clouded nocturnal skies

thin, small snowdrift patches, on shady slopes often atop surface hoar, danger of falls

Low reserves of cold, small foehn-induced snowdrifts in high alpine regions

Avalanche danger is MODERATE. In sun-drenched steep terrain small-to-medium wet loose-snow avalanches are possible in some spots, either naturally or skier-caused. Also glide-snow avalanches (medium to large) are possible in steep grassy terrain. Isolated shallow, easily triggered snowdrift patches which enhance the risks of falling. Dange zones in gullies and very setreep, shady bowls (near to and distant from ridgelines).

Snowpack structure

The snowpack is breakably encrusted and softens up with with swiftness where the foehn has no impact. On steep sunny slopes the snowpack loses superficial firmness. On high alpine shady slopes, shallow snowdrifts often were deposited atop an unfavorable snowpack (loose old snow, possibly surface hoar). On very steep grassy slopes the snowpack is gliding in entirety over the smooth ground. Beneath superficial melt-freeze crusts there are soft, faceted layers (persistent weak layer) which are currently unlikely to trigger.

Weather

On Saturday night, clear skies, although foehn wind will hamper the cooling. During the daytime on Sunday, unimpaired sunshine, strong southerly winds (30-50 km/hr). At 2000 m: -8 to -6 degrees; at 3000 m: -9 degrees.
On Monday following a night of clear skies, unimpaired sunshine, top visibility, extremely dry air. Initially, winds will be moderate to strong from the south, later on they will slacken off and shift to northeasterly. At 2000 m: -2 to 0 degrees; at 3000 m: -7 degrees

Outlook

Due to very dry air, delayed loss of firmness and only a slight daytime danger cycle on Monday. Small snowdrift problem in high alpine regions in the foehn lanes.

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

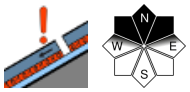
Expositions

Avalanche report from 19.03.2022, 18:00 h *by Butschek Michael*

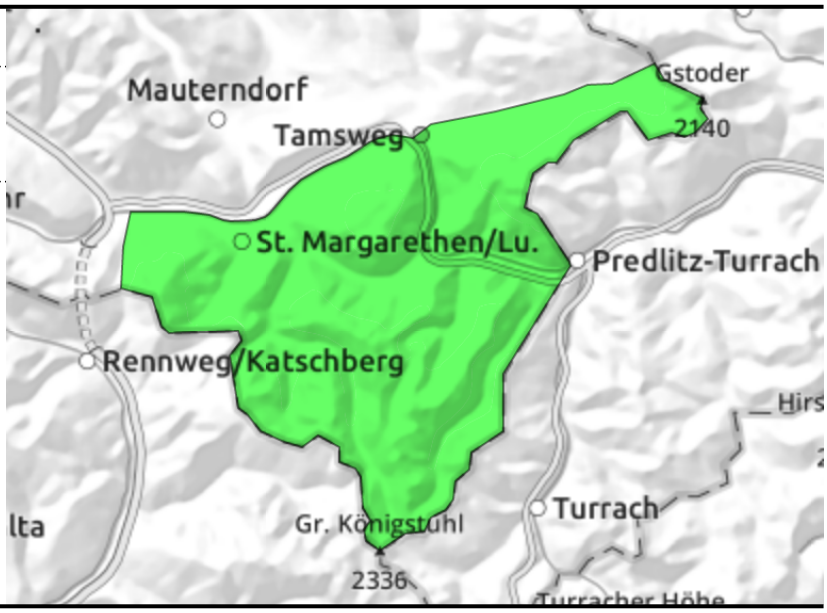
20.03.2022

LAND SALZBURG

Nockberge



faceted soft layers in old snow, triggerable only in isolated cases at rims of very steep gullies and bowls



Few danger zones for avalanches

Avalanche danger is LOW. The superficial loss of snowpack firmness during the daytime can trigger small loose-snow avalanches in sun-drenched sunny and very steep terrain. In shallow-snow transitions from little to lots of snow, e.g. gullies, behind steep protruberances, in a few places in extremely steep, shady terrain an avalanche could be triggered by large additional loading (stomping, falling) due to the persistent weak layer.

Snowpack structure

The snowpack shows signs of storm-strength wintery winds and a long phase of dryness. The surfaces are often melt-freeze encrusted or hardened, snow depths vary widely. Above the treeline the terrain is windblown. In the old snow are soft layers of faceted crystals which can be triggered only in isolated cases in outlying terrain.

Weather

On Saturday night, clear skies, although foehn wind will hamper the cooling. During the daytime on Sunday, unimpaired sunshine, strong southerly winds (30-50 km/hr). At 2000 m: -9 to -6 degrees. On Monday following a night of clear skies, unimpaired sunshine, top visibility, extremely dry air. Initially, winds will be moderate to strong from the south, later on they will slacken off and shift to northeasterly. At 2000 m: -5 to 0 degrees.

Outlook

Favorable conditions, low avalanche danger persists

Translated by Jeffrey McCabe, www.creativtrans.com

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