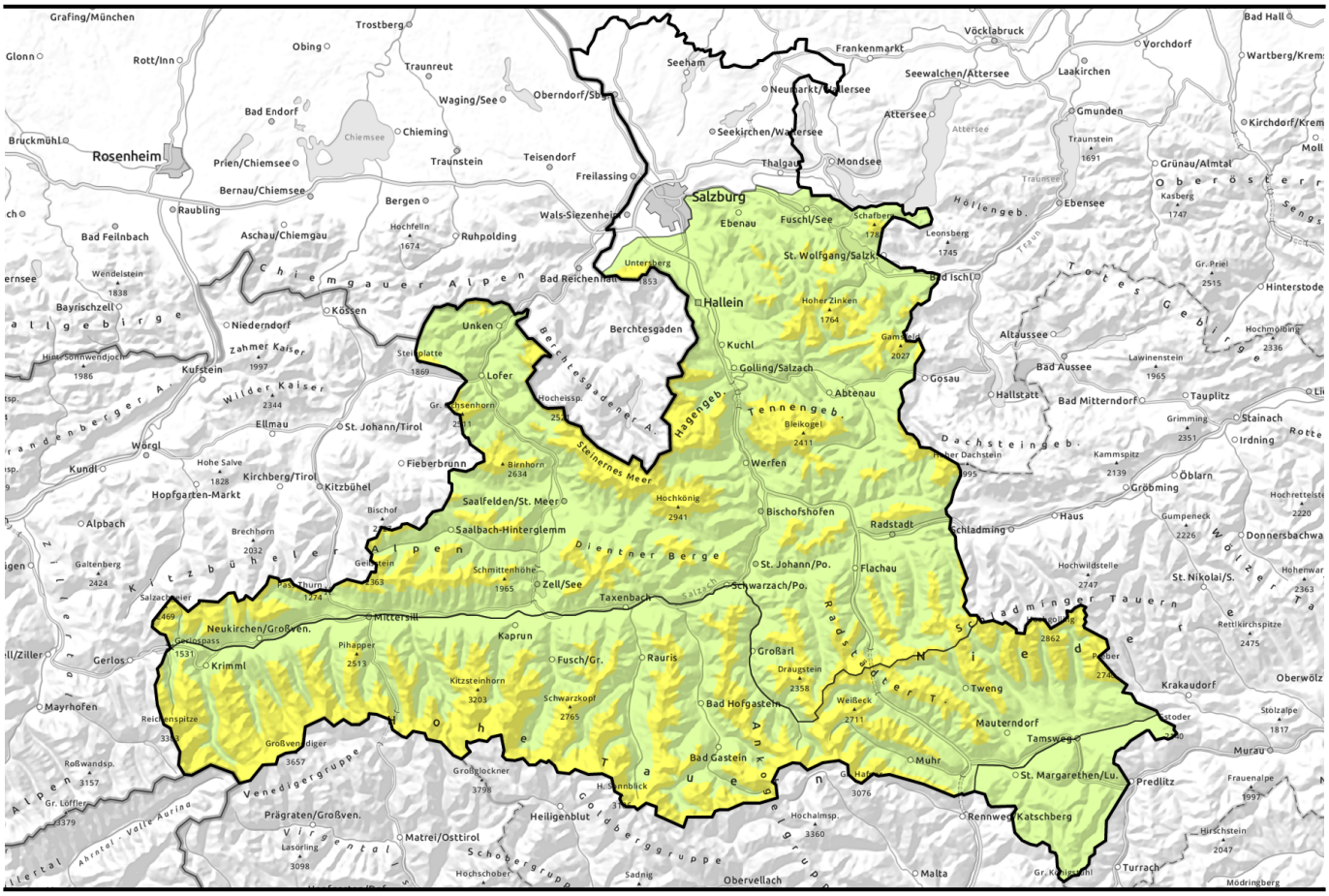
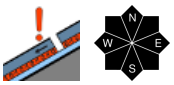
published at 25.02.2023, 18:00 h *by Butschek Michael*

Avalanche report for Sunday, 26.02.2023

LAND SALZBURG



Fresh snow plus arctic air

2 1 1500 m	Osterhorngruppe, Gamsfeldgruppe, Untersbergstock, Chiemgauer Alpen, Heutal, Reiteralpe, Loferer und Leoganger Steinberge, Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Tennengebirge, Gosaukamm, Pongauer Grasberge, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Dientner Grasberge, Kitzbüheler Alpen, Glemmtal, Oberpinzgauer Grasberge	
2 1 1800 m	Großvenedigergruppe Nord, Glocknergruppe Nord, Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Ankogelgruppe, Muhr, Niedere Tauern Süd, Goldberggruppe Nord	
1	Nockberge	

Avalanche problems

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

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

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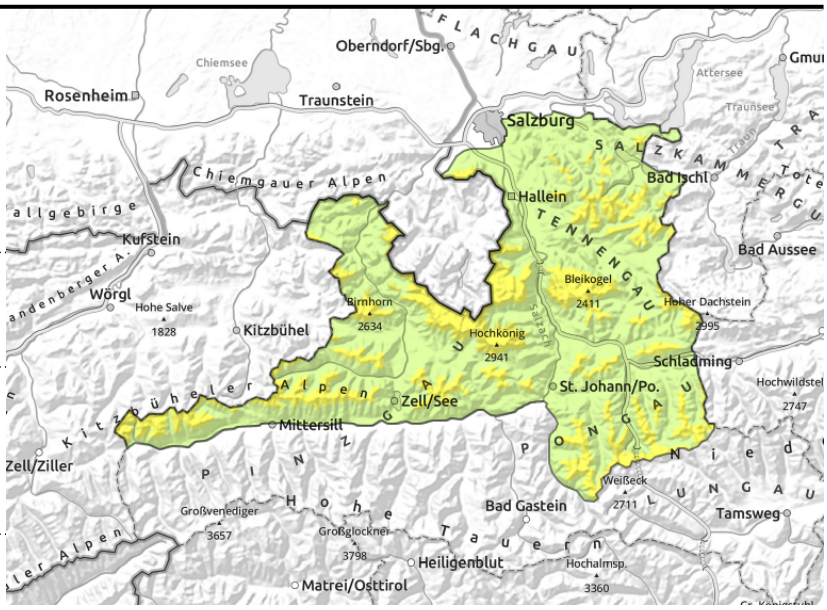
LAND SALZBURG

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




2
1

1500 m

caution urged: behind abrupt discontinuities in the terrain, in gullies, steep bowls, signs of wind in open terrain


on extremely steep slopes, especially on grassy terrain

Lots of fresh snow in Northern Alps

Avalanche danger above 1500 m is MODERATE, below that altitude danger is LOW. The risks stem mostly from small-to-medium slab avalanches which can trigger even by minimum additional loading. Danger zones occur in steep ridgeline terrain, in steep gullies and bowls and behind abrupt discontinuities in the terrain, esp. in W/N/S facing terrain. Frequency of danger zones increases with ascending altitude. Naturally triggered small-to-medium loose-snow avalanches and isolated glide-snow avalanches are possible in extremely steep terrain.

Snowpack structure

Atop a springtime surface with many melt-freeze crusts, on shady high-alpine slopes also with faceted layers, very cold fresh snow has been deposited: 15-25 cm, up to 30-40 cm in the barrier cloud zones of the Northern Alps. In open terrain, the W/N winds transported the fresh snow, in the Tauern region from NE winds. Bonding is generally adequate. Potential fracture points for slabs are found mostly in the blanketed fresh snow, also the blanketed surface hoar on steep north-facing slopes are risky. At intermediate altitudes there is little snow, at low altitudes the fresh snow fell on bare ground.

Weather

On Sunday, visibility often reduced by clouds and fog, intermittent minor snowfall, hardly any sunshine. Winds will intensify, shift from NW to NE. In the afternoon winds will reach 30 km/hr, in the Tauern region 40-60 km/hr. Cold. At 2000 m: -14 degrees; at 3000 m: -21 degrees.

Outlook

No significant change expected. The cold will preserve the snowdrift problem.

Avalanche problems


New snow


Wind drifted snow


Persistent weak layer


Wet snow


Gliding snow


Cornices


no distinct

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

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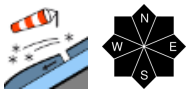
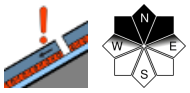
LAND SALZBURG

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

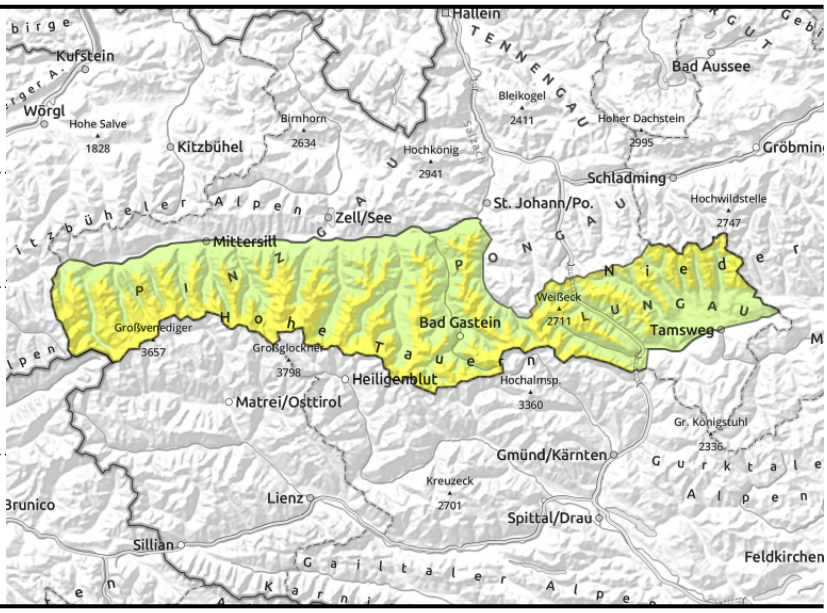
1800 m



near to and distant from ridgelines, behind abrupt discontinuities in the terrain, in gullies and bowls



isolated on shady slopes, in high and high-alpine regions



Snowdrifts due to W/NE winds

Avalanche danger above 1800 m is MODERATE, below that altitude danger is LOW. Risks stem from small, isolatedly medium slab avalanches which can be triggered in a few places even be minimum additional loading. They occur mostly in steep ridgeline terrain, in steep gullies and bowls, behind abrupt discontinuities in the terrain in all aspects. Frequency of danger zones increases with ascending altitude. Naturally triggered loose-snow and isolated glide-snow avalanches are possible in extremely steep terrain.

Snowpack structure

Atop a springtime surface with many melt-freeze crusts, on shady high-alpine slopes also with faceted layers, very cold fresh snow has been deposited: 15-25 cm, up to 30-40 cm in the barrier cloud zones of the Northern Alps. In open terrain, the W/N winds transported the fresh snow, in the Tauern region from NE winds. Bonding is generally adequate. Potential fracture points for slabs are found mostly in the blanketed fresh snow, also the blanketed surface hoar on steep north-facing slopes are risky. At intermediate altitudes there is little snow, at low altitudes the fresh snow fell on bare ground.

Weather

On Sunday, visibility often reduced by clouds and fog, intermittent minor snowfall, hardly any sunshine. Winds will intensify, shift from NW to NE. In the afternoon winds will reach 30 km/hr, in the Tauern region 40-60 km/hr. Cold. At 2000 m: -14 degrees; at 3000 m: -21 degrees.

Outlook

No significant change expected. The cold will preserve the snowdrift problem.

Avalanche problems

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

Danger ratings

low | moderate | considerable | high | very high

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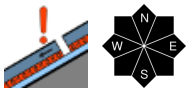
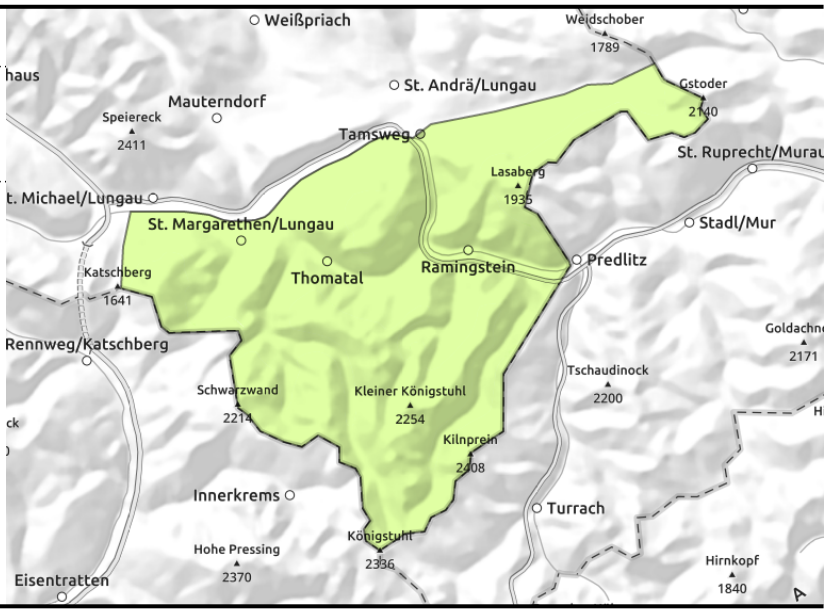
LAND SALZBURG

Nockberge



avoid zones below glide cracks



Icy NE winds

Avalanche danger is LOW. Only very few danger zones exist: in extremely steep terrain and shady high altitude slopes where fresh shallow snowdrifts have been generated. Isolated small-to-medium glide-snow avalanches are possible, triggering naturally. Zones below glide cracks and extremely steep grassy slopes should be avoided.

Snowpack structure

Most surfaces have enormous wind impact and are hardened. Where there is no wind there are a few centimetres of fresh snow atop a springlike surface (melt-freeze encrusted). Also the layers of the old snowpack are well bonded, though there are icy films between them. The weakest layer lies at ground level. At valley floor and on sunny slopes there is little snow up to intermediate altitudes.

Weather

On Sunday, visibility often reduced by clouds and fog, intermittent minor snowfall, hardly any sunshine. Winds will intensify, shift from NW to NE. In the afternoon winds will reach 30 km/hr, in the Tauern region 40-70 km/hr. Cold. At 2000 m: -13 degrees.

Outlook

No significant change expected.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions