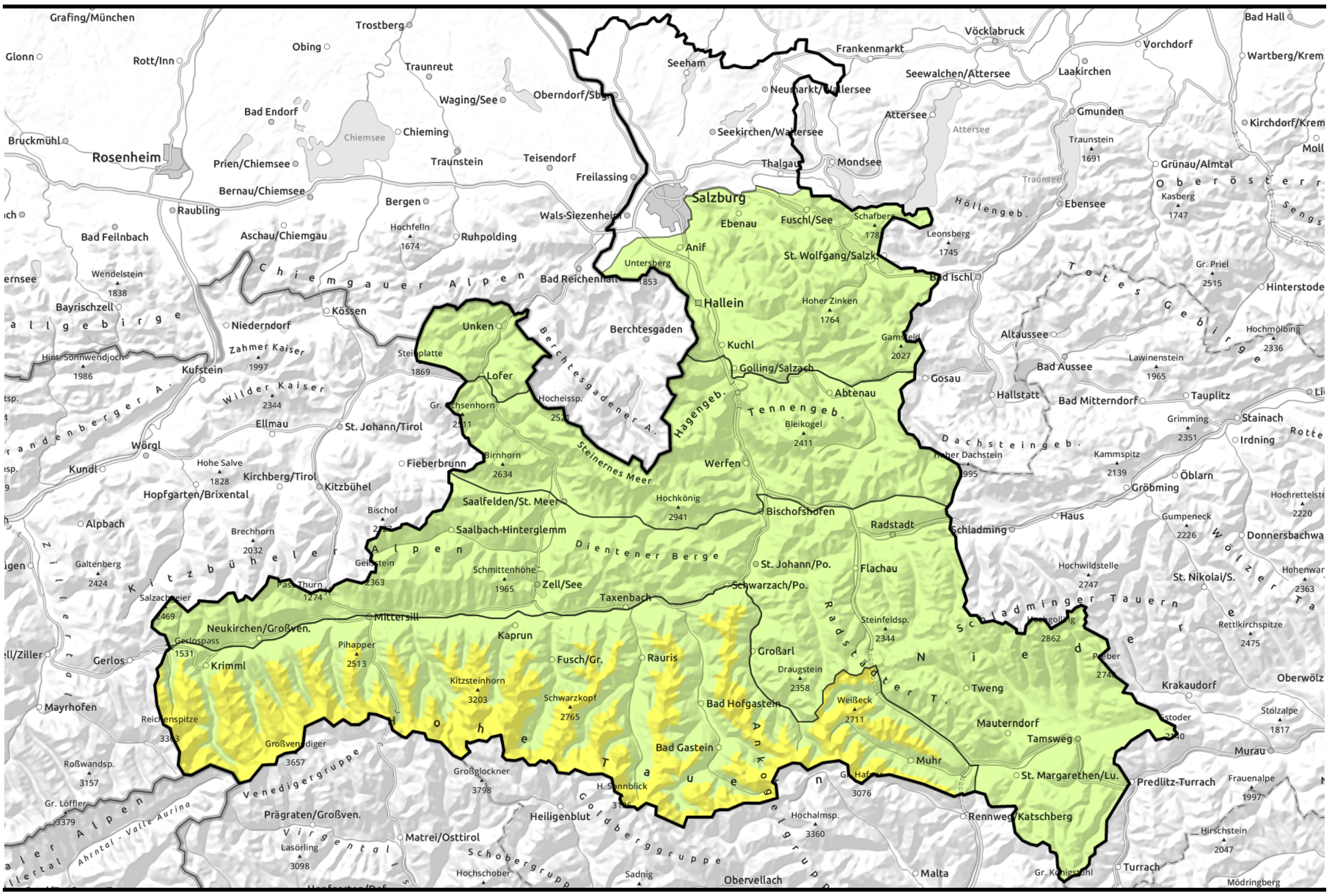
published at 30.12.2022, 18:00 h *by Riedl Claudia*

Avalanche report for **Saturday, 31.12.2022**

LAND SALZBURG



Southerly foehn wind is generating fresh snowdrifts

Danger level	Elevation	Regions	Avalanche problems
2 above / 1 below	2300 m	Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Ankogelgruppe, Muhr, Großvenedigergruppe Nord, Glocknergruppe Nord, Goldberggruppe Nord	Persistent weak layer (N, W, E, S); Wind drifted snow (N, W, E, S)
1		Oberpinzgauer Grasberge, Kitzbüheler Alpen, Glemmtal, Dientner Grasberge, Pongauer Grasberge, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Süd, Nockberge, Osterhorngruppe, Gamsfeldgruppe, Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock	Wind drifted snow (N, W, E, S)
1		Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Loferer und Leoganger Steinberge, Tennengebirge, Gosaukamm	Wind drifted snow (N, W, E, S)

Avalanche problems

New snow · Wind drifted snow · Persistent weak layer · Wet snow · Gliding snow · Cornices · No problem

Danger ratings

1	2	3	4	5
low	moderate	considerable	high	very high

Expositions

N E S W

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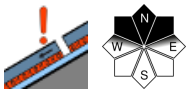
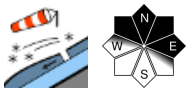
Großvenedigergruppe Alpenhauptkamm, Glocknergruppe Alpenhauptkamm, Goldberggruppe Alpenhauptkamm, Ankogelgruppe, Muhr, Großvenedigergruppe Nord, Glocknergruppe Nord, Goldberggruppe Nord

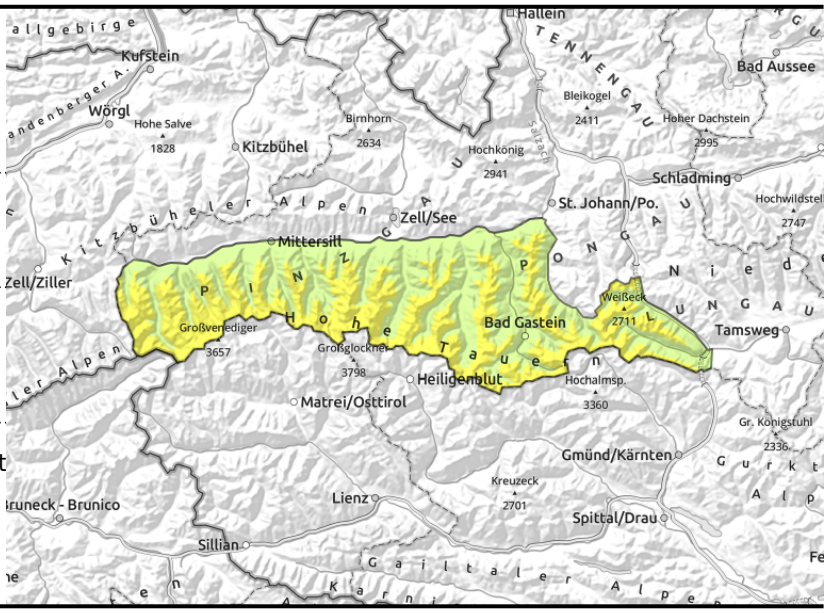
2300 m



unfavourable layering in high alpine regions: faceted, soft layers in the fundament



shallow, small drifted masses at high altitudes



Persistent weak layer and fresh snowdrifts

Avalanche danger above 2300 m is MODERATE, below that altitude danger is LOW.
Weak layers inside the old snowpack can on shady slopes above approximately 2300 m still can be easily triggered, particularly on wind-protected slopes at the foot of rock walls or behind abrupt discontinuities in the terrain. Avalanches can attain medium size.
Weak layers in the old snow can be triggered in isolated cases on shady slopes above 2300 m or else a superficial triggered slab can fracture down to deeper layers, particularly on wind-protected slopes, at the foot of rock walls or in protected bowls.
Danger zones are seldom, but difficult to recognize. Releases can reach medium size.

Snowpack structure

On north-facing slopes above 2300 m the snowpack layering is unfavourable due to a sequence of melt-freeze crusts and faceted crystals in the fundament, or else depth hoar. This applies particularly to wind-protected slopes.
Winds from southerly directions are forming small snowdrift accumulations anew, behind abrupt discontinuities in the terrain and in ridgeline gullies and bowls, on shady slopes atop a loose snowpack surface where they can be triggered in places. Snow depths are below average.
Snow depths are highly varied. Below 1800 m there is little snow on the ground.

Weather

On Saturday the residual clouds will rapidly disperse, visibility will improve in early morning. Frequent sunshine during the day, clouds passing through will be at high altitude. A southerly foehn wind will be blowing, gusts up to 30-60 km/hr. t 2000 m: 5-10 degrees; at 3000 m 0 degrees.
On Sunday good visibility from the start. Only in the Tauern and Nockberge in early morning will there be clouds below summit level. Winds will be light to moderate. Extremely mild: at 2000 m, 5-9 degrees, at 3000 m +3 degrees.

Outlook

Little change expected.

Avalanche problems

Danger ratings

Expositions

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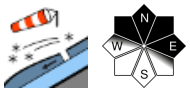
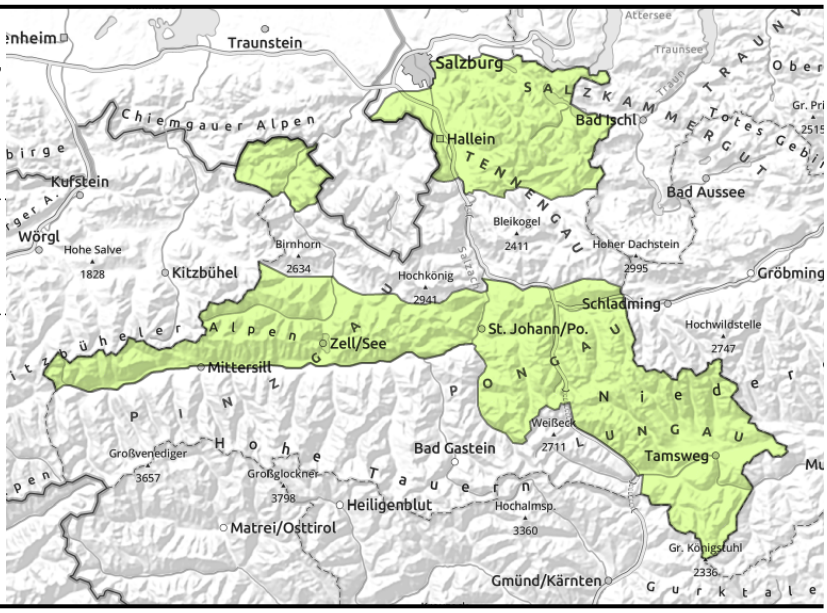
Oberpinzgauer Grasberge, Kitzbüheler Alpen, Glemmtal, Dientner Grasberge, Pongauer Grasberge, Niedere Tauern Nord, Niedere Tauern Alpenhauptkamm, Niedere Tauern Süd, Nockberge, Osterhorngruppe, Gamsfeldgruppe, Chiemgauer Alpen, Heutal, Reiteralpe, Untersbergstock



fresh drifts near ridgelines



Isolated avalanche prone locations

Avalanche danger is LOW.
Small fresh snowdrift patches can in some places be easily triggered (the weight of one sole winter sports enthusiast can be sufficient). Avalanches can be triggered on very steep (>35°) N/E facing slopes. Slabs are small. Avalanche prone locations are mostly near ridgelines, behind abrupt discontinuities in the terrain and in gullies and bowls. Caution urged in terrain where falls are possible.

Snowpack structure

The old snowpack has settled and consolidated amid the higher temperatures and solar radiation. The mostly small snowdrift accumulations from the beginning of this week have consolidated by and large. Only on shady ridgeline slopes at high altitudes are they still insufficiently bonded with the snowpack and can on very steep slopes (>35°) still be prone to triggering. Weak layers deeper down inside the snowpack are currently unlikely to trigger.
Snow depths are highly varied. Below 1800 m there is little snow on the ground.

Weather

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Outlook

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Avalanche problems

Danger ratings

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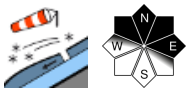
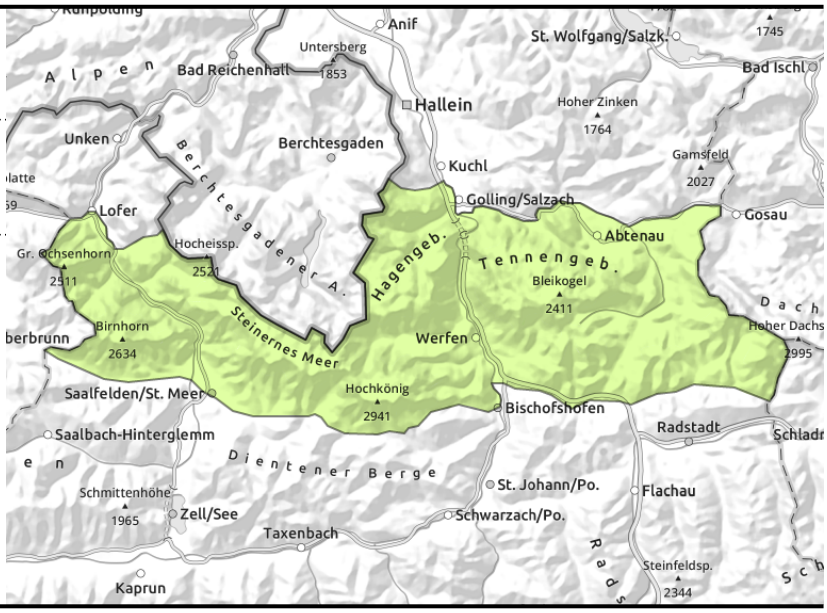
Steinernes Meer, Hochkönig, Hagengebirge, Göllstock, Loferer und Leoganger Steinberge, Tennengebirge, Gosaukamm



fresh drifts near ridgelines



Southerly winds generating fresh snowdrift accumulations

Avalanche danger is LOW.
Small fresh snowdrift patches can in some places be easily triggered (the weight of one sole winter sports enthusiast can be sufficient). Avalanches can be triggered on very steep (>35°) N/E facing slopes. Slabs are small. Avalanche prone locations are mostly near ridgelines, behind abrupt discontinuities in the terrain and in gullies and bowls. Caution urged in terrain where falls are possible.

Snowpack structure

Strong southerly winds generated (and are still generating) small fresh snowdrift accumulations, depositing them in wind-protected terrain in ridgeline and pass areas They are being deposited at high altitudes atop a loose snowpack surface and can be prone to triggering in some places.
Snow depths are highly variable. Below 1800 m there is currently little snow on the ground.

Weather

On Saturday the residual clouds will rapidly disperse, visibility will improve in early morning. A southerly foehn wind will be blowing, gusts up to 30-60 km/hr. t 2000 m: 5-10 degrees; at 3000 m 0 degrees.
On Sunday good visibility from the start. Only in the Tauern and Nockberge in early morning will there be clouds below summit level. Winds will be light to moderate. Extremely mild: at 2000 m, 5-9 degrees, at 3000 m +3 degrees.

Outlook

Little change expected.

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems

Danger ratings

Expositions