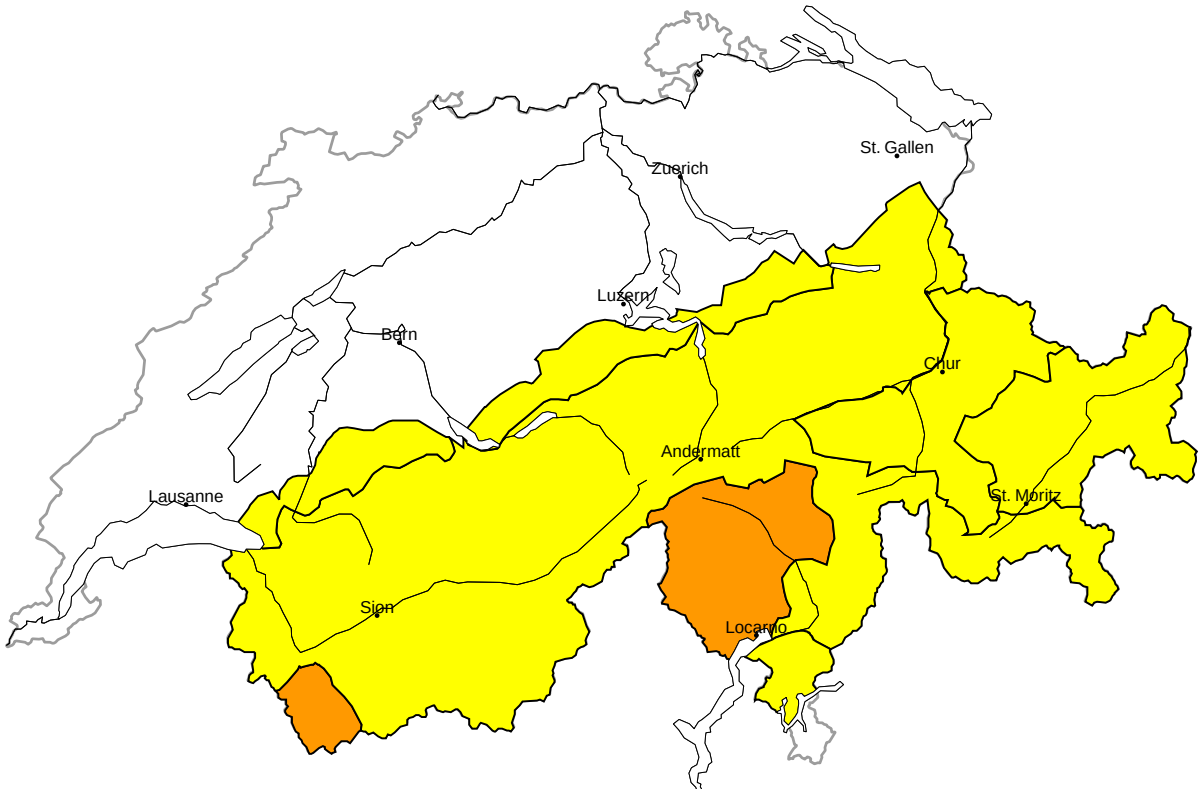
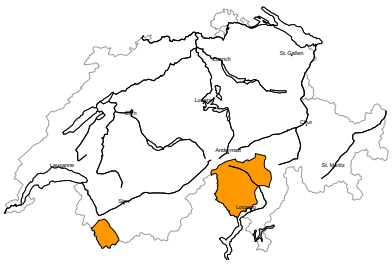
Avalanche danger

updated on 6.5.2024, 17:00



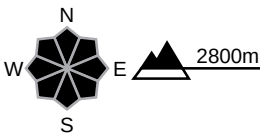
region A

Considerable (3-)



New snow

Avalanche prone locations



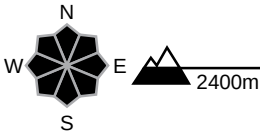
Danger description

The large quantity of fresh snow and the wind slabs are prone to triggering at elevated altitudes. Single backcountry tourers can release avalanches. These can in many cases reach medium size. Backcountry touring calls for experience in the assessment of avalanche danger.
The Avalanche Warning Service currently has only a small amount of information that has been collected in the field, so that the avalanche danger should be investigated especially thoroughly in the relevant locality.

Moderate (2)

Wet snow, Gliding snow

Avalanche prone locations



Danger description

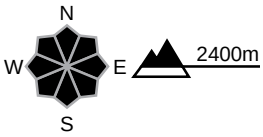
The snowpack will be wet all the way through below approximately 2400 m. As a consequence of the heavy rain wet avalanches are to be expected, even large ones in isolated cases.
In addition gliding avalanches are possible. These can reach large size in isolated cases. Caution is to be exercised in areas with glide cracks.

region B

Moderate (2+)

New snow

Avalanche prone locations



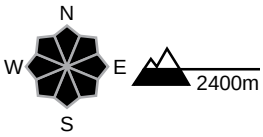
Danger description

In particular adjacent to ridgelines and in pass areas wind slabs will form. The fresh snow and the mostly small wind slabs are in some cases prone to triggering at elevated altitudes. Backcountry tourers can release avalanches. These can reach medium size. Careful route selection is required.
The Avalanche Warning Service currently has only a small amount of information that has been collected in the field, so that the avalanche danger should be investigated especially thoroughly in the relevant locality.

Moderate (2)

Wet snow, Gliding snow

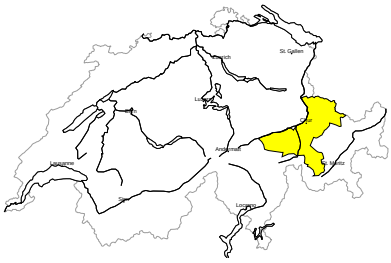
Avalanche prone locations



Danger description

The snowpack will be wet all the way through below approximately 2400 m. As a consequence of the heavy rain wet avalanches are to be expected, even large ones in isolated cases.
In addition gliding avalanches are possible. These can reach large size in isolated cases. Caution is to be exercised in areas with glide cracks.

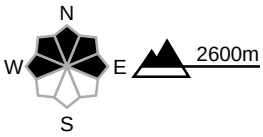
region C



Moderate (2-)

Wind slab

Avalanche prone locations



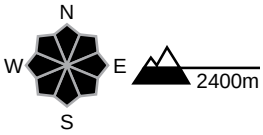
Danger description

The fresh and older wind slabs are in some cases prone to triggering. They are to be evaluated with care and prudence in steep terrain. The avalanches are rather small. Apart from the danger of being buried, restraint should be exercised as well in view of the danger of avalanches sweeping people along and giving rise to falls. Careful route selection is recommended.
The Avalanche Warning Service currently has only a small amount of information that has been collected in the field, so that the avalanche danger should be investigated especially thoroughly in the relevant locality.

Moderate (2)

Wet snow, Gliding snow

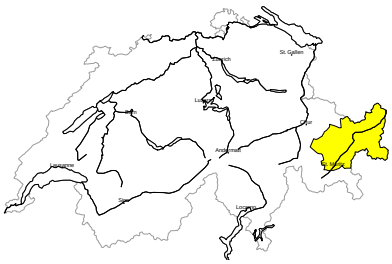
Avalanche prone locations



Danger description

The snowpack will be wet all the way through below approximately 2400 m. As a consequence of the heavy rain wet avalanches are to be expected, even large ones in isolated cases.
In addition gliding avalanches are possible. These can reach large size in isolated cases. Caution is to be exercised in areas with glide cracks.

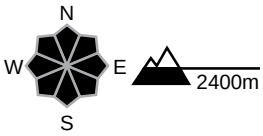
region D



Moderate (2)

Wet snow, Gliding snow

Avalanche prone locations



Danger description

The snowpack will be wet all the way through below approximately 2400 m. As a consequence of the heavy rain wet avalanches are to be expected, even large ones in isolated cases.
In addition gliding avalanches are possible. These can reach large size in isolated cases. Caution is to be exercised in areas with glide cracks.

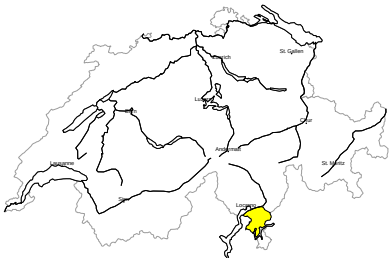
Low (1)

Wind slab

Fresh and somewhat older wind slabs are to be evaluated with care and prudence in particular in extreme terrain. They are mostly small. Apart from the danger of being buried, restraint should be exercised in particular in view of the danger of avalanches sweeping people along and giving rise to falls.
The Avalanche Warning Service currently has only a small amount of information that has been collected in the field, so that the avalanche danger should be investigated especially thoroughly in the relevant locality.

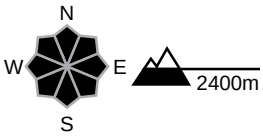
region E

Moderate (2)



Wet snow, Gliding snow

Avalanche prone locations

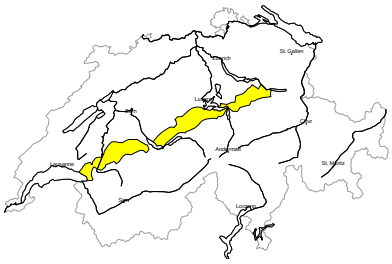


Danger description

The snowpack will be wet all the way through below approximately 2400 m. As a consequence of the heavy rain wet avalanches are to be expected, even large ones in isolated cases.
In addition gliding avalanches are possible. These can reach large size in isolated cases. Caution is to be exercised in areas with glide cracks.

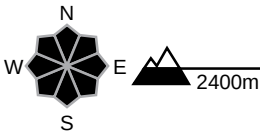
region F

Moderate (2)



Wet snow, Gliding snow

Avalanche prone locations



Danger description

The snowpack will be wet all the way through below approximately 2400 m. As a consequence of the heavy rain wet avalanches are to be expected, even large ones in isolated cases.
In addition gliding avalanches are possible. These can reach large size in isolated cases. Caution is to be exercised in areas with glide cracks.

Low (1)

New snow

New snow is lying on a wet old snowpack. Dry avalanches can be released in particular in the vicinity of peaks. Mostly the avalanches are small. Apart from the danger of being buried, restraint should be exercised in particular in view of the danger of avalanches sweeping people along and giving rise to falls.
The Avalanche Warning Service currently has only a small amount of information that has been collected in the field, so that the avalanche danger should be investigated especially thoroughly in the relevant locality.

Snowpack and weather

updated on 6.5.2024, 17:00

Snowpack

In the high Alpine regions, the southerly wind transported the dry new snow on Monday. Tuesday's new snow will fall with little wind, so small wind slabs will form only in areas adjacent to ridgelines.
Rain fell below 2200 to 2700 m. This was particularly critical on north-facing slopes at around 2500 m, where it had the potential to cause the first soaking of the snowpack and thus a loss of firmness. East-, south- and west-facing slopes are less critical because the old snowpack there was already soaked up to over 3000 m in April.

Weather review for Monday, 06.05.2024

In the early morning, there were clear spells due to the foehn wind in the northeast. Otherwise it was very cloudy. There was precipitation at times, falling as snow above 2200 to 2700 m.

New snow
The following amounts of fresh snow fell in the high Alpine regions from Sunday afternooon to Monday afternoon:
- extreme west of Lower Valais, Ticino and Moesano as well as Val Bregaglia and the Bernina region: 10 to 20 cm; in Val Ferret, Bedretto and the Valle Maggia: locally 30 cm;
- less elsewhere.

Temperature
At midday at 2000 m, between +5 °C in the north and +1 °C in the south.

Wind
Winds were moderate and locally strong from the south.

Weather forecast until Tuesday, 07.05.2024

It will be very cloudy and snow will fall above 1800 to 2100 m.

New snow
From Monday afternoon to Tuesday afternoon, the following amounts of fresh snow will fall above approximately 2500 m:
- northern flank of the Alps, Valais, Gotthard region, Ticino and Moesano: 20 to 30 cm;
- elsewhere: widely 10 to 20 cm; less in Engadine.

Temperature
At midday at 2000 m, around +1 °C.

Wind
There will be mostly light northeasterly winds.

Trend until Ascension Day, 09.05.2024

Wednesday
Tuesday night into Wednesday will be very cloudy and snow will fall above approximately 2000 m, with the largest quantities - 10 to 20 cm - on the central and eastern part of the northern flank of the Alps. There will be only a little further precipitation in the northeast during the day. The west and south will see brighter skies. There will be a moderate northeasterly wind.
The danger of dry avalanches will increase further in the northeast during the night; otherwise it will not change significantly. As a result of solar radiation, moist snow slides from the new snow are to be expected in the west and south. Occasional gliding avalanches are still possible.

Ascension Day
The night before Ascension Day will be partly cloudy in Grisons, otherwise clear. It will be mostly sunny during the day. The zero-degree level will rise to 3000 m.
The danger of dry avalanches will decrease. Warmer temperatures and solar radiation mean that more wet avalanches are to be expected as the day progresses. Gliding avalanches will also be possible.