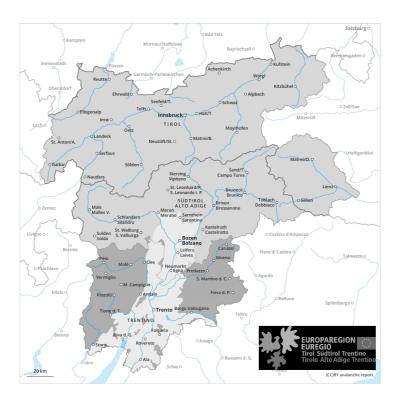
# Monday 08.04.2024

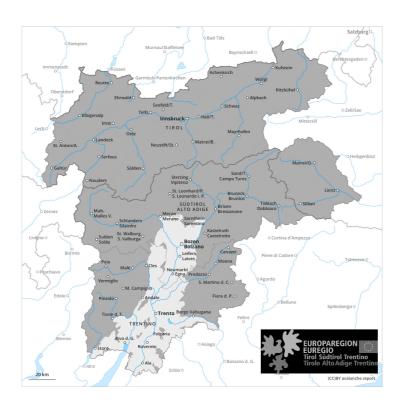
Published 07 04 2024, 17:00



#### **AM**

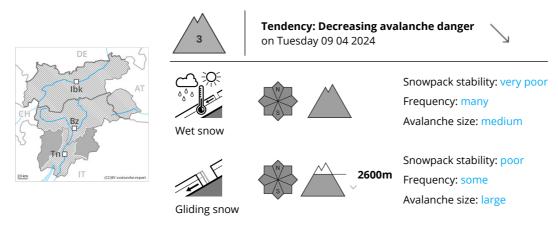


#### PM



1 2 3 4 5 low moderate considerable high very high





Wet and gliding avalanches are the main danger. Wet and gliding snow require caution.

As a consequence of warming during the day and the solar radiation, the likelihood of gliding avalanches and wet snow slides being released will increase quickly in all aspects. In isolated cases, wet avalanches can reach intermediate altitudes in steep gullies.

On steep grassy slopes medium-sized and large gliding avalanches are possible. This applies on steep sunny slopes in all altitude zones, as well as on steep shady slopes below approximately 2600 m. Areas with glide cracks are to be avoided.

#### Snowpack

**Danger patterns** 

dp.10: springtime scenario

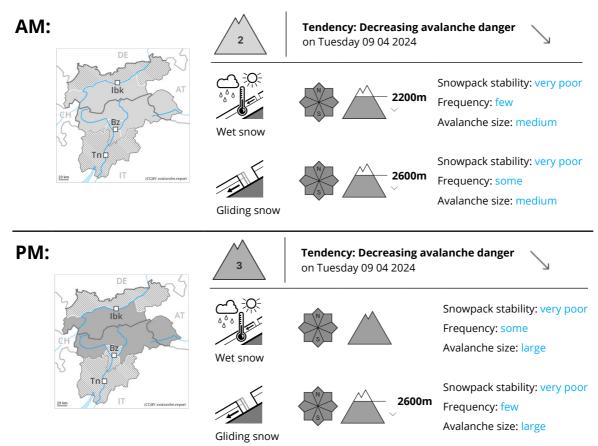
dp.2: gliding snow

Outgoing longwave radiation during the night was reduced. The surface of the snowpack is not frozen and will already be soft in the early morning. Sunshine and high temperatures will give rise as the day progresses to extreme and thorough wetting of the snowpack. This applies on sunny slopes in all altitude zones, as well as on shady slopes also at intermediate and high altitudes.

# **Tendency**

The danger of wet and gliding avalanches will decrease gradually, but only during the night.





The weather will be exceptionally warm. The danger of wet avalanches will increase quickly during the day.

As a consequence of warming and solar radiation, the natural activity of wet avalanches will rapidly increase. This applies on steep east and west facing slopes below approximately 2800 m, as well as on steep south facing slopes in all altitude zones, this also applies on shady slopes below approximately 2600 m. In some cases the wet avalanches can release the saturated snowpack and reach large size. In steep gullies avalanches can in some cases reach areas without any snow cover.

On steep grassy slopes more frequent medium-sized and, in isolated cases, large gliding avalanches are possible below approximately 2600 m. Areas with glide cracks are to be avoided.

Backcountry tours and ascents to alpine cabins should be started early and concluded timely.

#### Snowpack

**Danger patterns** 

dp.10: springtime scenario

dp.2: gliding snow

Over a wide area a clear night. The wind will be moderate to strong in particular on the Main Alpine Ridge and to the north. The weather will be exceptionally warm. The surface of the snowpack has frozen to form

# Avalanche.report Monday 08.04.2024

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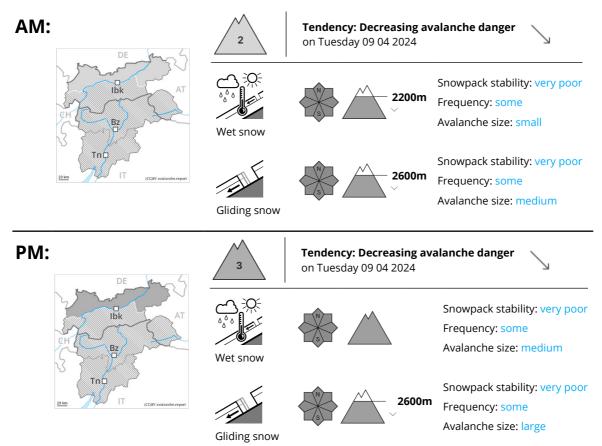


a strong crust only at high altitudes and will soften quickly. Sunshine and high temperatures will give rise from late morning to extreme and thorough wetting of the snowpack especially on very steep slopes. These conditions will cause a rapid weakening of the snowpack. In areas with a thinner snowpack the saturation and consequently the loss of strength happens more rapidly. Hardly any snow is lying at low and intermediate altitudes.

#### **Tendency**

Some snow will fall. The danger of wet avalanches will decrease.





# The danger of wet avalanches will increase during the day.

As a consequence of warming and solar radiation, the natural activity of wet avalanches will rapidly increase. This applies on steep east, south and west facing slopes, this also applies on shady slopes below approximately 2400 m. The wet avalanches can release the saturated snowpack and reach medium size.

On steep grassy slopes more frequent medium-sized and, in isolated cases, large gliding avalanches are possible below approximately 2600 m. Areas with glide cracks are to be avoided. In steep gullies wet avalanches can in isolated cases reach areas without any snow cover.

Backcountry tours and ascents to alpine cabins should be started and concluded very early.

#### Snowpack

**Danger patterns** 

dp.10: springtime scenario

dp.2: gliding snow

The weather will be exceptionally warm. The wind will be moderate to strong adjacent to ridgelines especially in the regions exposed to the foehn wind. The surface of the snowpack will freeze to form a strong crust only at high altitudes and will already soften in the late morning. Sunshine and high temperatures will give rise from late morning to extreme and thorough wetting of the snowpack especially



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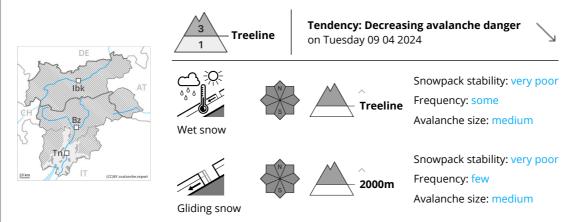


on very steep slopes. These conditions will cause a rapid weakening of the snowpack. In areas with a thinner snowpack the saturation and consequently the loss of strength happens more rapidly. Hardly any snow is lying at low and intermediate altitudes.

# **Tendency**

Some snow will fall. As the temperature drops there will be a gradual decrease in the danger of wet avalanches.





### Gliding avalanches and moist snow slides are the main danger.

On steep grassy slopes medium-sized gliding avalanches are possible. As a consequence of warming during the day and the solar radiation, the likelihood of gliding avalanches and wet snow slides being released will increase quickly in all aspects, not only on sunny slopes, including on steep shady slopes at intermediate and high altitudes. In isolated cases, wet avalanches can reach intermediate altitudes in steep gullies. Areas with glide cracks are to be avoided.

#### Snowpack

**Danger patterns** 

dp.10: springtime scenario

dp.2: gliding snow

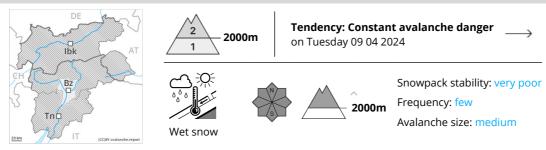
Outgoing longwave radiation during the night will be reduced in some case. The surface of the snowpack will freeze very little and will already be soft in the early morning. This applies on sunny slopes in all altitude zones, as well as on shady slopes also at intermediate and high altitudes.

# Tendency

The danger of wet and gliding avalanches will decrease gradually, but only during the night.



### **Danger Level 2 - Moderate**



The weather will be exceptionally warm. The danger of wet avalanches will increase quickly during the day.

As a consequence of warming and solar radiation, the natural activity of wet avalanches will rapidly increase. This applies in all aspects. In some cases the wet avalanches can release the saturated snowpack and reach medium size in isolated cases. On steep grassy slopes small and, in isolated cases, medium-sized gliding avalanches are possible.

#### Snowpack

**Danger patterns** (dp.10: springtime scenario

Over a wide area a clear night. The weather will be exceptionally warm. The surface of the snowpack has frozen to form a strong crust only at high altitudes and will soften quickly. These conditions will cause a rapid weakening of the snowpack. Hardly any snow is lying at low and intermediate altitudes.

# Tendency

The weather will be exceptionally warm. The danger of wet and gliding avalanches will persist.