

NEVE

Snowfall phenomena with significant accumulation on the ground are assessed.

It should be noted that, due to the climatic characteristics of our territory, the assessment is not carried out from May to September, when the corresponding color code on the Hydrological and Hydrogeological Weather Alert Bulletin is gray.

The indicator for assessing snow hazards is the average accumulation of new snow on the ground in cm over a 24-hour period; the threshold values are distinct for each alert zone, which groups together municipalities with a prevailing altitude (especially urban roads) belonging to one of the following three classes:

- Plain: altitude below 100 m (alert zones B2, D1, D2, D3, F1, F2, F3, H2).
- Hill: altitude between 100 and 600-800 m (alert zones A2, B1, C2, E2, G2, H1).
- Mountain: altitude above 600-800 m (alert zones A1, C1, E1, G1).

The color code assessment for snow in the forecast phase is divided into four levels from green to red, and is carried out by comparing the expected snow depth with increasing thresholds of snow accumulation on the ground, which have been associated with event scenarios and the possible effects and consequent damage to the territory, summarized in the following table.

SNOW			
COLOUR CODE	THRESHOLDS (cm / 24h)	EVENT SCENARIO	POSSIBLE EFFECTS AND DAMAGE
GREEN	<p>< 5 cm <i>for plains and hills</i></p> <p>< 15 cm <i>for mountain areas</i></p> <p>< 30 cm <i>at altitudes above 1200 metres</i></p>	<p>Light or intermittent snowfall.</p> <p>Rain mixed with snow, with little chance of accumulation.</p>	<p>Unpredictable, local traffic problems cannot be ruled out.</p>
YELLOW	<p>5-15 cm <i>for plains and hills</i></p> <p>15-30 cm <i>for mountain areas</i></p> <p>30-50 cm <i>at altitudes above 1200 metres</i></p>	<p>Light to moderate snowfall, including situations of high uncertainty regarding temperature (wet snow).</p>	<ul style="list-style-type: none"> - Traffic disruptions with local slowdowns or partial road closures and disruptions to public transport and rail services. - Broken and fallen branches. - Local interruptions to essential network services (electricity, water, gas, telephone).
ORANGE	<p>15-30 cm <i>for plains and hills</i></p> <p>30-50 cm <i>for mountain areas</i></p> <p>50-70 cm <i>at altitudes above 1200 metres</i></p>	<p>Moderate and/or prolonged snowfall.</p> <p>High probability of temperatures falling below zero.</p>	<ul style="list-style-type: none"> - Traffic disruptions with widespread slowdowns or partial or total road closures and disruptions to public transport, railways and air travel. - Widespread breakage and falling branches. - Widespread, even prolonged, interruptions to essential network services (electricity, water, gas, telephone).
RED	<p>> 30 cm <i>for plains and hills</i></p> <p>> 50 cm <i>for mountain areas</i></p> <p>> 70 cm <i>at altitudes above 1200 metres</i></p>	<p>Very heavy snowfall, likely to last for around 24 hours.</p> <p>Temperatures well below freezing.</p>	<ul style="list-style-type: none"> - Severe disruption to road traffic with partial or total restrictions or interruptions to traffic and possible isolation of hamlets or scattered houses. - Severe disruption to public transport, railways and air travel. - Extensive breakage and falling of branches. - Prolonged and widespread interruptions to essential network services (electricity, water, gas, telephone). - Severe damage to vulnerable buildings or structures.