Country: Republic of Moldova

Institute: State Hydrometeorological Service

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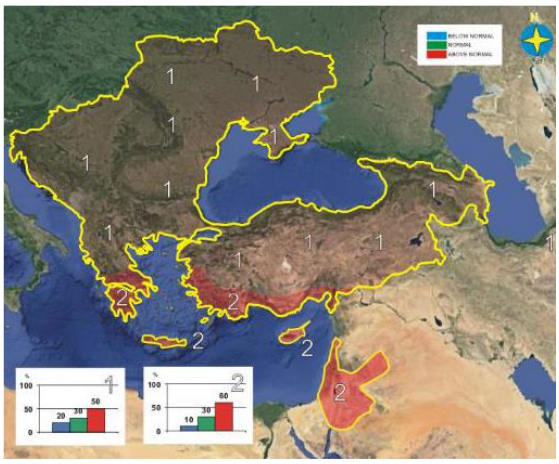
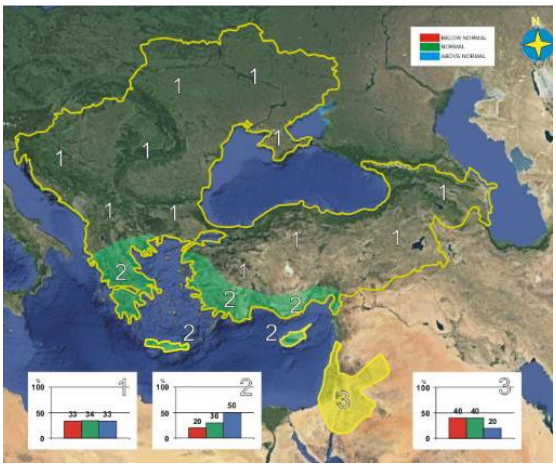
Climatological reference period: 1991-2020.

1. SEECOF-34 Climate outlook for Winter Season 2025/26 for the Moldova



Above normal



Below, near or above normal

2. Analysis of the Winter Season 2025/26 in Moldova

The winter season of 2025/26 in the Republic of Moldova was characterised by variable temperatures. The average air temperature for the season across the country ranged from -2.5 to +0.3°C, which was within the normal range for most of the country, whilst in the southern regions it was 1 °C above normal. (Fig. 1,2).

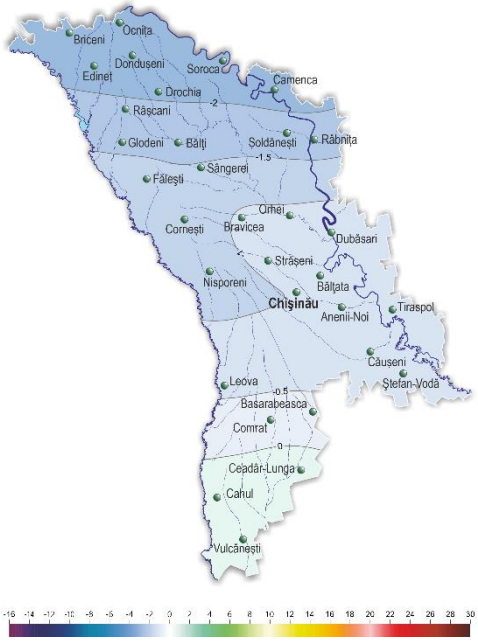


Fig.1. Mean Temperature in Winter, ºC

Fig.2. Temperature Anomalies in Winter, ºC

The absolute minimum air temperature during the 2025/26 season was -22.0°C (February, Ribnita weather station), a reading observed on average once every three years in winter. The absolute maximum reached +14.0°C (December, Tiraspol weather station).

The coldest weather of the season was observed in the second ten-day period of January (Fig. 3). The average air temperature for the ten-day period was -6.9..-11.4°C, which is 4.7–7.8°C below normal and occurs on average once every 5–7 years in January over the entire observation period. The last time such low temperatures were recorded during the winter period was in 2018.

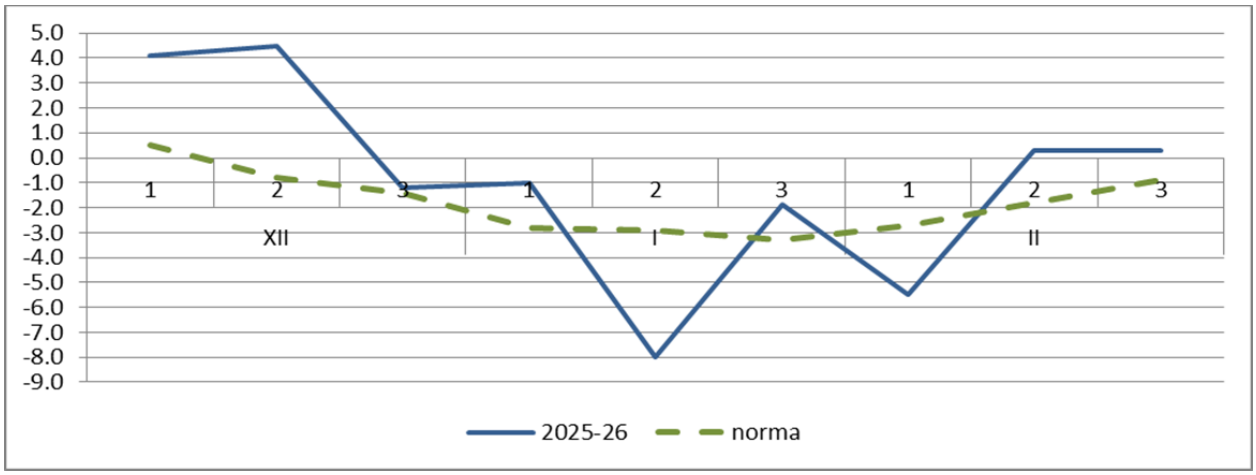


Fig. 3. Average air temperature by ten days, ºC, MS Chisinau

The number of days with a minimum air temperature of -10°C or lower across the country during the winter season was between 11 and 21 days, which occurs on average once every three years over the entire observation period.

Seasonal rainfall across 90% of the territory amounted to 75–120 mm (80–120% of the average), with only a few areas recording 125–140 mm (130–140% of the average). (Fig.4,5).

Fig.4. Amount of precipitation Winter, mm

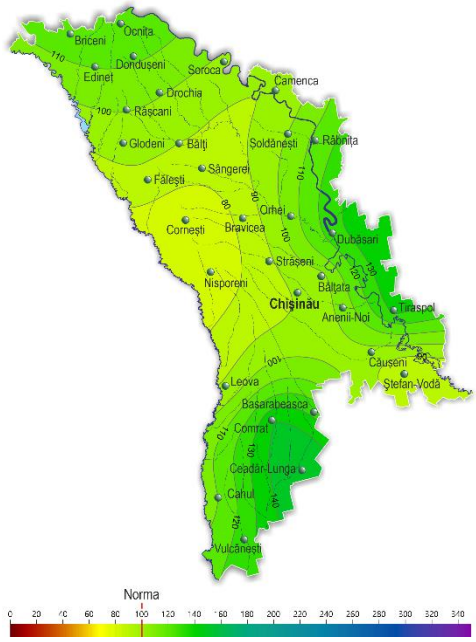


Fig.5. Precipitation Anomalies in Winter, %

Throughout January and February, a stable snow cover was observed across most of the country (with the exception of the southern regions). The depth of the snow cover at weather stations was generally 1–10 cm, and in some parts of the northern regions it reached 18–22 cm.

3. Assessment of the SEECOF-34 Climate outlook for Winter Season 2025/26

Country	Seasonal temperature		Seasonal precipitation		High Impact Events
	Observed	SEECOF-34 climate outlook for temperature	Observed	SEECOF-34 climate outlook for precipitation	
Republic of Moldova	Mostly near normal	Above normal	Mostly near normal	Below, near or above normal	Difficult weather conditions were observed in the third ten-day period of January and the first ten-day period of February. During this period, ice deposits 1–10 mm in diameter were reported almost everywhere, along with severe icy conditions on the roads, which led to traffic disruption and power cuts. On February 18, the Ceadîr-Lunga weather station recorded a severe snowfall: 21.7 mm of precipitation fell in 12 hours..