

Country: Republic of Moldova

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Climatological reference period: 1981-2010.

1. SEECOF-23 Climate outlook for Summer Season 2020 for the Moldova

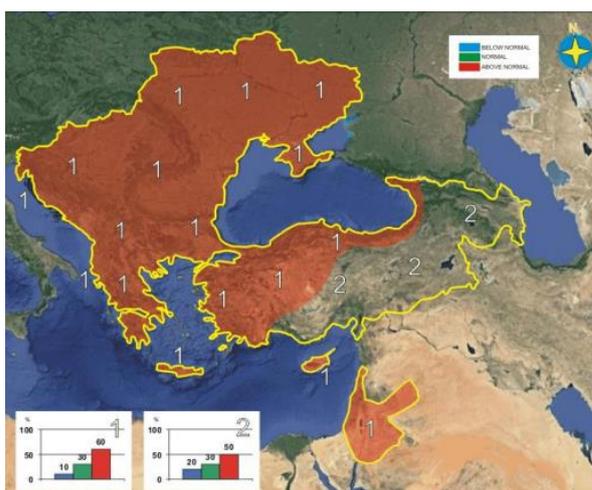


Figure 1. Graphical presentation of the 2020 summer temperature outlook

Above normal

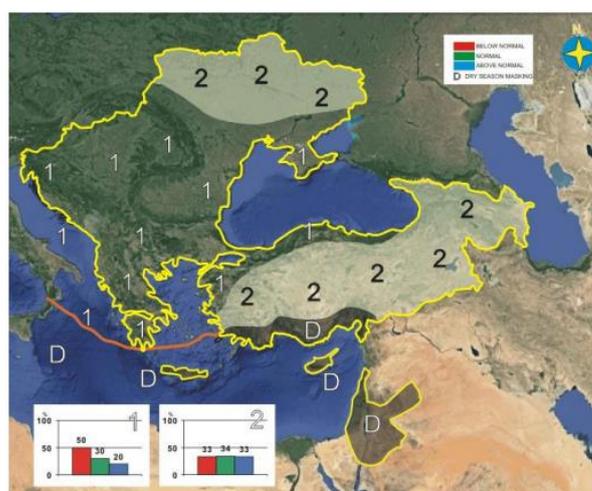


Figure 2. Graphical presentation of the 2020 summer precipitation outlook

Below normal

2. Analysis of the Summer Season 2020 in Moldova

The summer of 2020 in the Republic of Moldova was hot and basically with a shortage of precipitation. The stable passage of the average daily air temperature through the value of +15°C, a phenomenon that determines the beginning of the meteorological summer, took place on the territory of the country predominantly on 4-5 June, being 15-20 days later than the multi-annual average data.

The average air temperature for this season in the territory was +20.7..+23.7°C, being generally 1.6-2.9°C higher than the norm, which is reported on average once in 10-15 years of the entire observation period, and in the last 20 years - on average once in 3-5 years (Fig.1,2).

The maximum air temperature during the summer increased to +38°C (august, MS Tiraspol, Stefan-Voda), and the minimum decreased to +3°C (June, MS Codrii).

The warmest weather was reported in August. The average monthly air temperature exceeded the norm by 2.5-4.0 °C and constituted +21.5..+24.5 °C, which is reported on average once in 10-15 years.

Abnormally warm weather was reported in the third decade of August when the average air temperature exceeded the norm by 4.5-5.5 °C and this is reported on average once in 10-20 years.

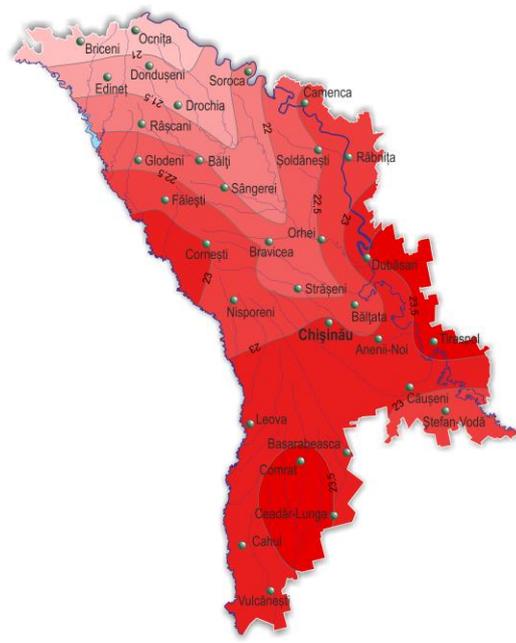


Fig.1. Mean Temperature in Summer, °C



Fig.2. Temperature Anomalies in Summer, °C

The amount of precipitation during the season on 75% of the territory did not exceed 80-140 mm (40-70% of the norm). Only in some districts fell 155-205 mm (80-95% of the norm). (Fig.3,4).

Most precipitation fell in June. Their sum for the month on 85% of the territory constituted 55-130 mm (75-165% of the monthly norm). In July and August, a significant deficit of precipitation was observed on a large part of the territory. Thus, their quantity for this period on 80% of the territory did not exceed 15-60 mm (15-45% of the norm).

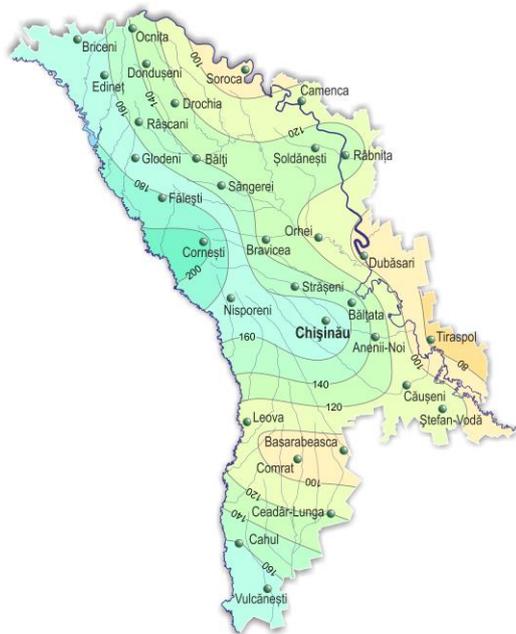


Fig.3. Amount of precipitation in Summer, mm

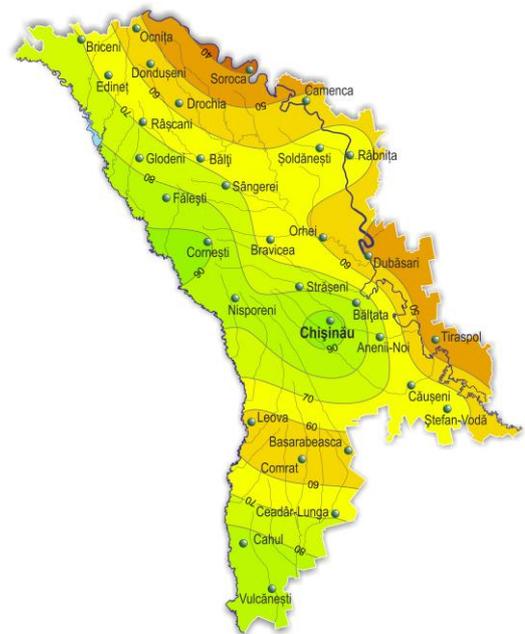


Fig.4. Precipitation Anomalies in Summer, %

3. Assessment of the SEECOF-23 Climate outlook for 2020 Summer season

Country	Seasonal temperature		Seasonal precipitation		High Impact Events
	Observed	SEECOF-23 climate outlook for temperature	Observed	SEECOF-23 climate outlook for precipitation	
Republic of Moldova	Above normal	Above normal	Below normal	Below normal	<p>During the summer season, stinging meteorological phenomena were reported in the form of torrential rains and hail (June, July), which caused damage to crops and damage to the objects of the national economy.</p> <p>The abnormally warm weather and significant deficit of precipitation, which was observed on the territory of the Republic of Moldova for most of the summer (July-August) contributed to the pedological and atmospheric drought.</p> <p>Due to the dry conditions, which were maintained during much of July and August on a large part of the country, unfavorable conditions were reported for the formation of corn, sunflower, sugar beet, as well as for the growth and development of vegetable crops and other crops.</p>