

Country: Türkiye

Institute: Turkish State Meteorological Service

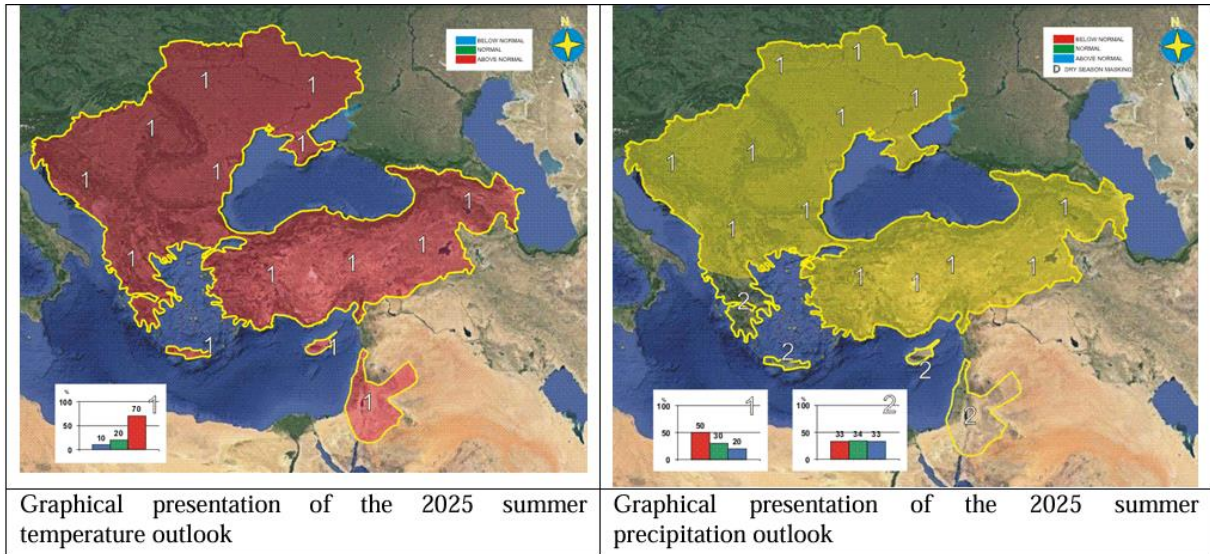
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Assessment of the seasonal forecast for the winter season

JJA 2025

1. SEECOF-33 climate outlook for 2025 summer season:



According to the SEECOF-33 consensus statement, temperatures were expected to be above normal throughout Türkiye during the summer season of 2025, while precipitation was predicted to be below normal across the country.

Analysis of 2025 summer season:

The reference period is 1991-2020. Between 1991 and 2020, Türkiye's mean summer temperature was 24.0 °C. In the summer of 2025, the mean temperature was 25.5 °C, which is 1.5 °C above the seasonal average. This made the **summer of 2025 the second hottest on record** for Türkiye.

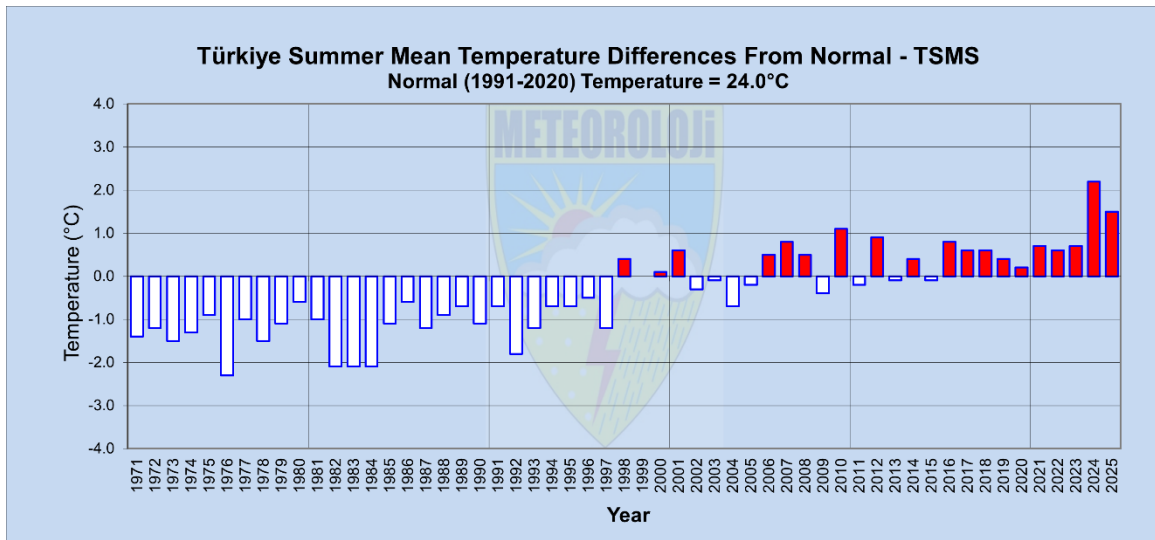


Figure 1 Türkiye Summer Season Mean Temperature Anomalies

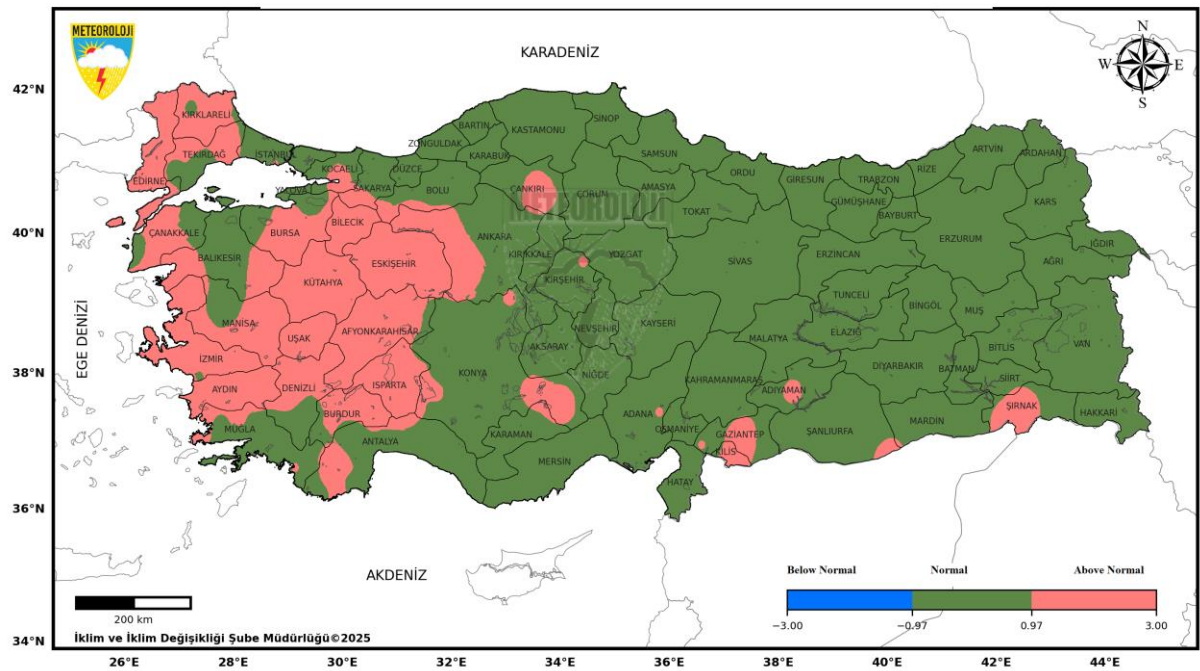


Figure 2 Türkiye Summer Season Mean Temperature Anomalies in 2025

The temperature was normal in most parts of the country, while it was above normal in western Türkiye.

Precipitation;

Türkiye's 1991-2020 summer season mean total precipitation is 64.0 mm. The mean total precipitation of the 2025 summer season was 30.0 mm and %53 below the seasonal normal.

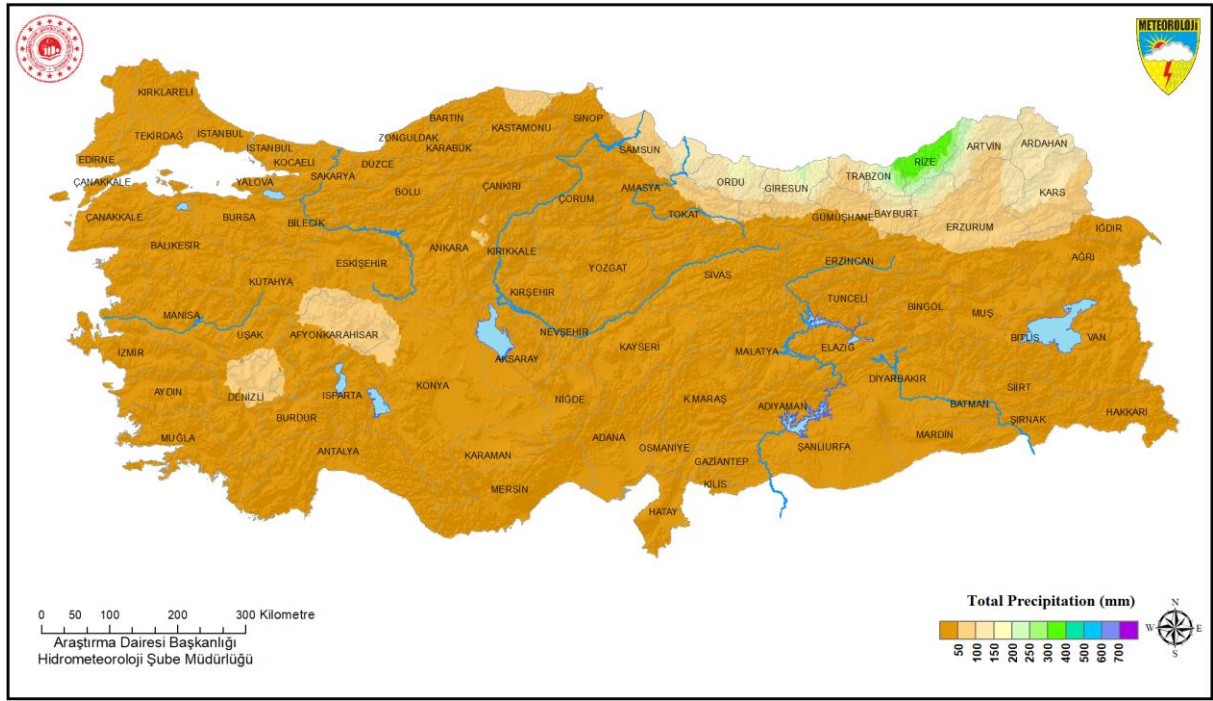


Figure 3 Türkiye 2025 Summer Season Total Precipitation

In General, precipitation was;

- During the summer, some Mediterranean coastal areas experienced above-normal rainfall; however, the rest of the country saw precipitation levels that were significantly below normal.
- In many regions, including Marmara, Aegean, Western Black Sea, and Southeastern Anatolia, the decrease in precipitation exceeded 80%.

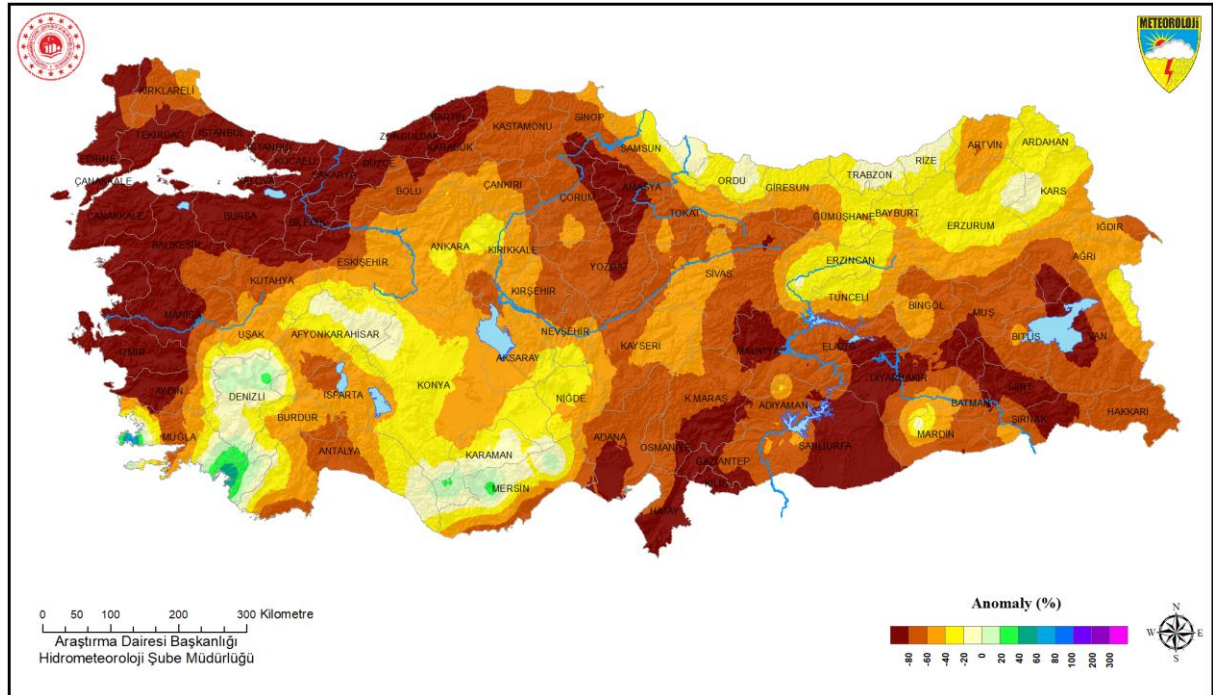


Figure 4 Türkiye Summer Season Total Precipitation Anomalies in 2025

2. High Impact Events:

- On July 25, 2025, a temperature of 50.5 °C was recorded, setting a new maximum temperature record for Türkiye.
- Summer 2025 was the second hottest summer season on record.
- July 2025 set a record as the hottest month, while June and August 2025 were ranked as the fourth hottest months on record.
- Maximum temperature records were broken at 5 stations in June 2025, 66 stations in July 2025, and 12 stations in August 2025.

3. Verification of the SEECOF-33 climate outlook for 2025 summer season:

Country	Seasonal temperature JJA		Seasonal precipitation JJA	
	Observed	SEECOF-33 climate outlook for temperature	Observed	SEECOF-33 climate outlook for precipitation
Türkiye	Near normal Above normal in western parts	Above normal	Below normal	Below normal