

**Country: Türkiye**

**Institute: Turkish State Meteorological Service**

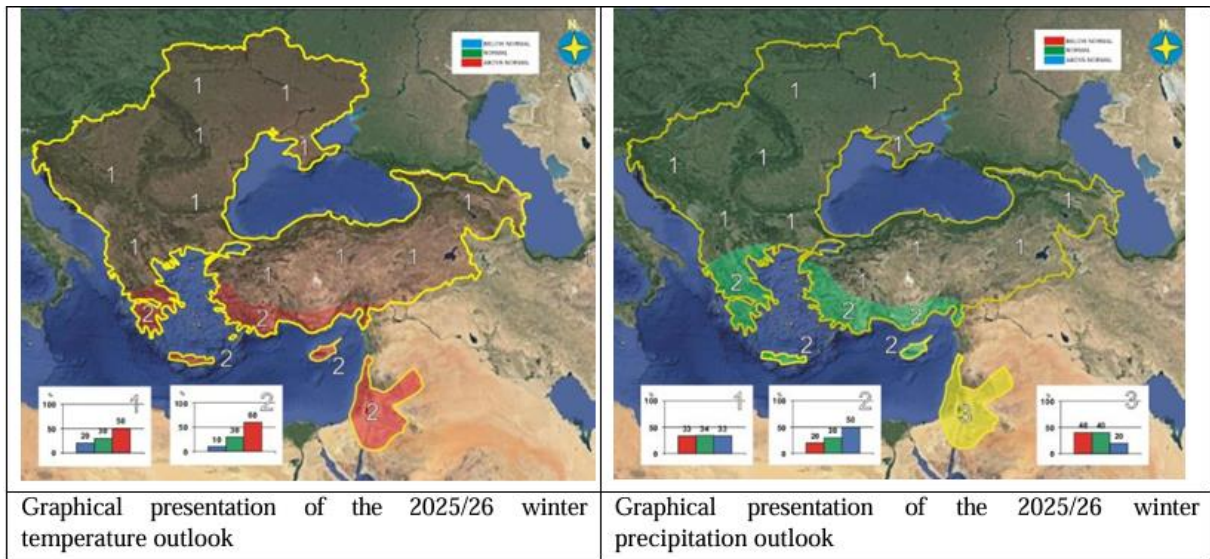
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**Assessment of the seasonal forecast for the winter season**

**DJF 2025-2026**

**1. SEECOF-34 climate outlook for 2025/26 winter season:**



According to the SEECOF-34 consensus, the statement temperature was expected to be above normal for the entire country, for the precipitation there was no clear signal for the most of the country and was expected above normal for western and the Mediterranean coastal parts of Türkiye.

**2. Analysis of 2025/26 winter season:**

The reference period is 1991-2020.

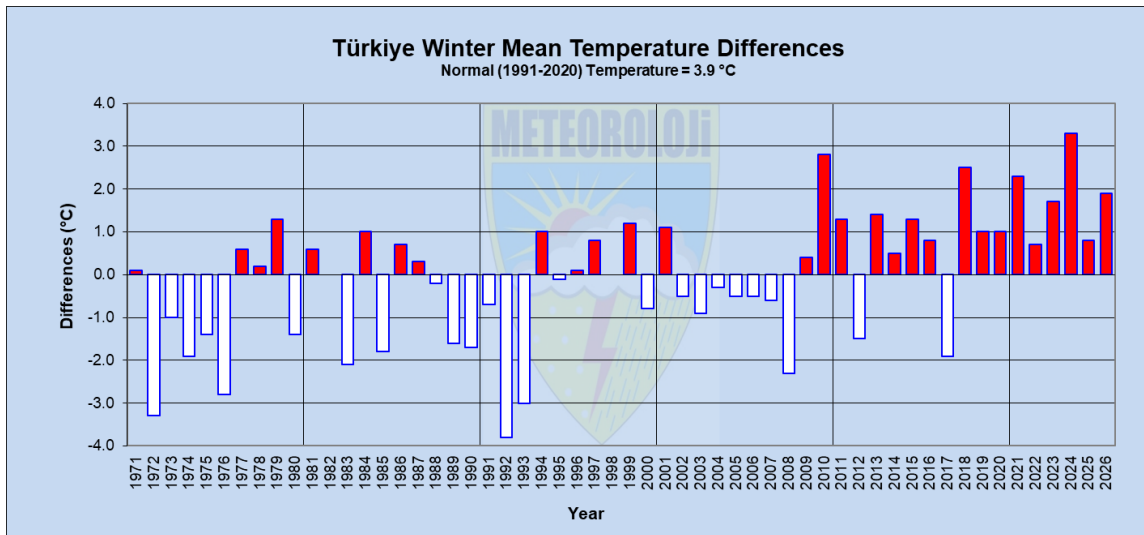


Figure 1. Türkiye Mean Temperature Anomalies in Winter Season

Türkiye's 1991-2020 winter mean temperature is 3.9°C. The mean temperature of 2025/26 winter season was 5.8 °C and 1.9 °C above seasonal normal. February 2026 was the 3rd warmest February in the last 56 years.

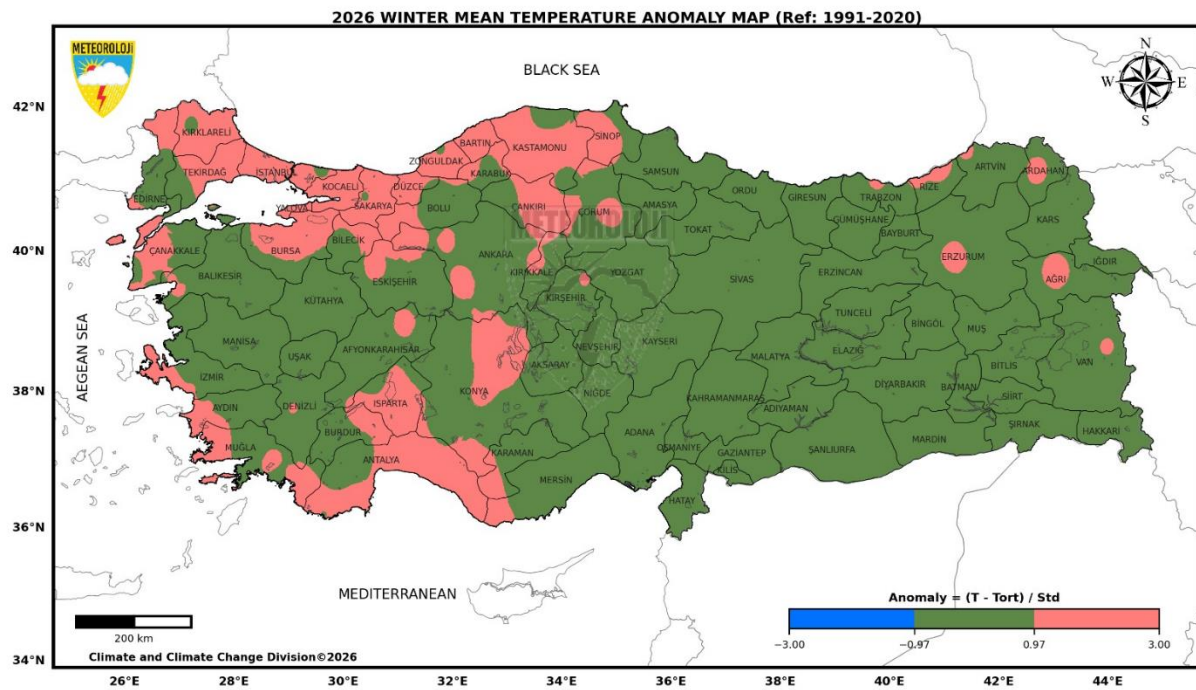


Figure 2. Türkiye Mean Temperature Anomalies in 2025/26 Winter Season (Ref: 1991-2020)

In the 2026 winter season, temperatures across Türkiye were observed mostly near normal. However, temperatures were above normal at western regions, including Marmara, the Western Black Sea, and South Aegean coasts.

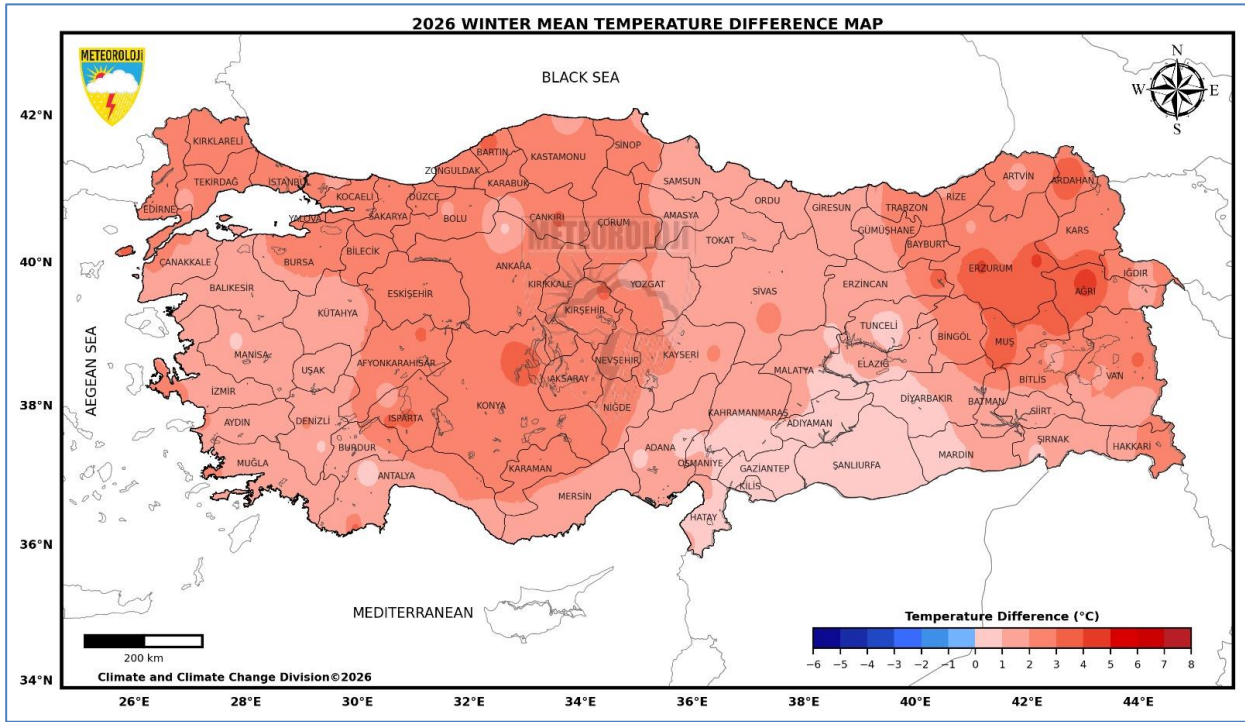


Figure 3. Türkiye Mean Temperature Differences in 2025/26 Winter Season (Ref: 1991-2020)

The temperature was above average all across the country. Significant warming was observed nationwide, with some regions in Eastern and Central Anatolia experiencing increases of up to 4-6°C.

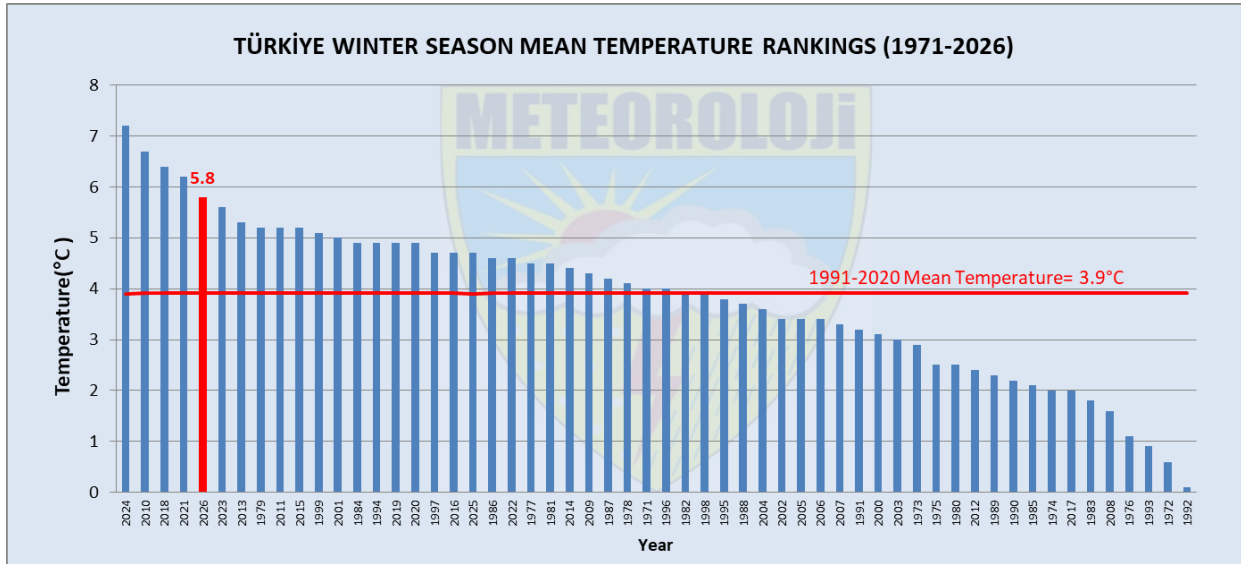


Figure 4. Rankings of the winter season temperature of Türkiye (1971-2026)

The winter season of 2025/26 marked as the **5th warmest** winter in 56 year period (1971-2026).

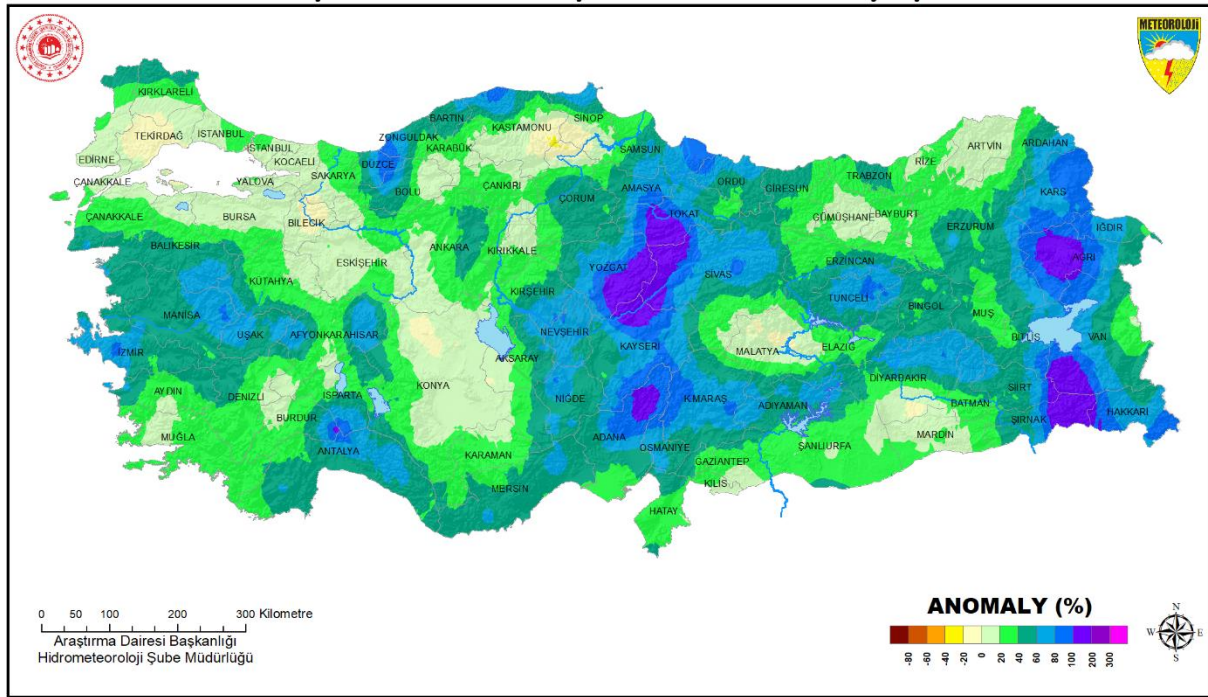
## Precipitation:

In 2025-2026 winter season, precipitation across Türkiye was significantly above normal, with record-breaking increases exceeding 100% in parts of Central, Eastern, and Southeastern Anatolia.

Türkiye's 1991-2020 winter season mean total precipitation is 205.3 mm. The mean total precipitation of 2025/26 winter season was 300.8 mm and % 47 above normal. The 2025-2026 winter season was **the wettest on record.**

In General, precipitation was;

- Above normal in almost all of Türkiye, except Tekirdag province in the Trace region.
- The highest increase in precipitation occurred in the Eastern Anatolia Region **with 63%.**



**Figure 5 Türkiye Precipitation Anomalies in 2025/26 Winter Season**

### **3. High Impact Events:**

- During the winter season, Türkiye experienced 589 meteorological disasters. The most frequent types were storms, with 179 occurrences.
- The 2025-2026 winter season was the **wettest winter season** on record.
- The 2025-2026 winter season was the **5th warmest** on record.
- February 2026 was the **3rd warmest February** with an anomaly of 3.5°C.

**4. Verification of the SEECOF-34 climate outlook for 2025/26 winter season:**

Country	Seasonal temperature DJF		Seasonal precipitation DJF	
	Observed	SEECOF-34 climate outlook for temperature	Observed	SEECOF-34 climate outlook for precipitation
Türkiye	Near normal Above normal at western regions	Above normal	Above normal	No clear signal for most parts and Above normal at western regions