



REPUBLIC OF TÜRKİYE  
MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE  
Turkish State Meteorological Service



# State of the Climate in July 2025



Climate and Agricultural Meteorology Department  
Research Department

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**2025**

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## 1. Introduction

The mean temperature of Türkiye in July 2025 was 26.9°C. This value was 1.9°C above the 1991-2020's normal (25.0°C).

In July 2025, temperatures were near seasonal normal in Oltu, Tortum, Dalaman, Doğubeyazıt, İnebolu, Sarıkamış, İspir, Antakya, Akçakoca, Erdemli, Ardahan, Kızılcahamam, Erzurum, Kars, Hopa, Ahlat, Antalya, Korkuteli, Erzincan, Hakkari, Horasan, Bayburt, Finike, Köyceğiz, Ordu, Özalp, Tercan, Mut, Kahramanmaraş and Ergani. There were above seasonal normal temperature in other parts of Türkiye.

The lowest temperature was observed in Erzurum with 3.2°C and the highest temperature was observed in Cizre with 49.4°C. There were 66 new extreme maximum temperature records observed.

Türkiye's areal mean precipitation in July 2025 was 9.6 mm. This value is approximately 39% below from the 1991-2020's normal (15.6 mm)

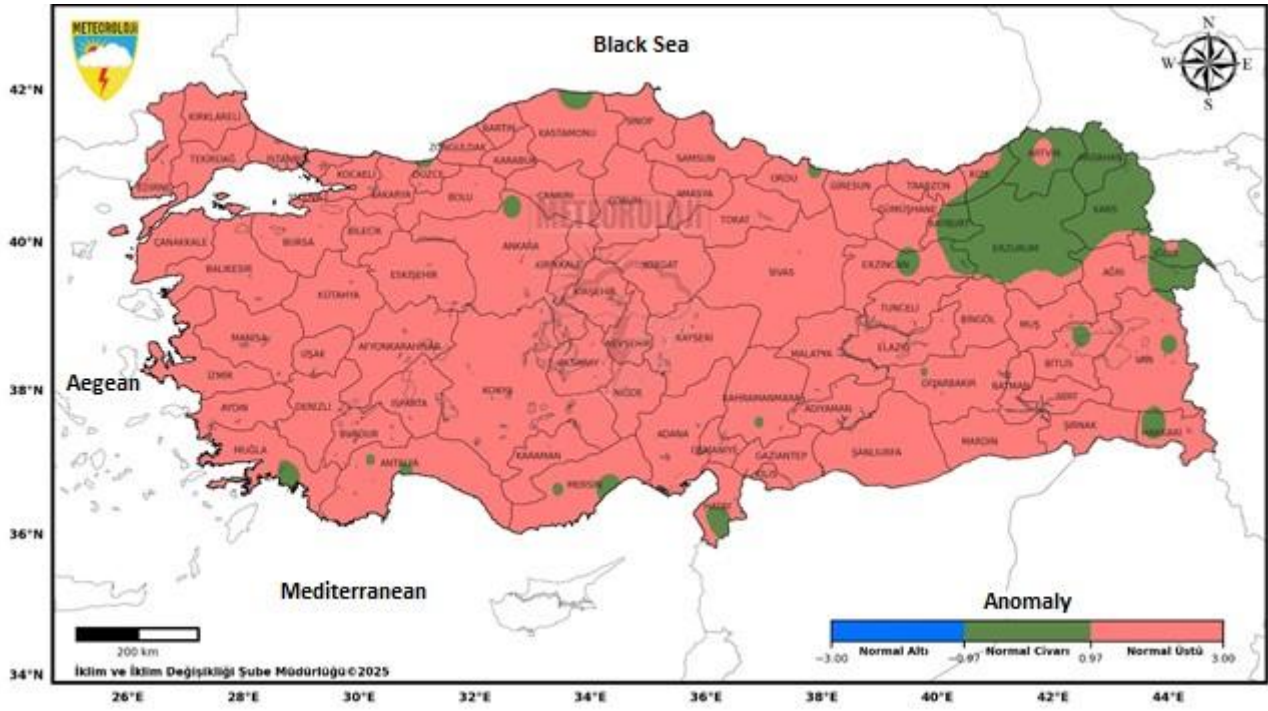
In July, regional precipitation was below normal in all regions. A decrease of more than 80% compared to normal was observed in Aegean region, Western Black Sea, Central Anatolia, Eastern Mediterranean, Antalya, Şanlıurfa, Mardin, Şırnak, Batman, Van and Hakkari. In July, the highest precipitation was recorded in Rize with 89.0 mm. Yalova was the only city that did not receive any rain in July

The number of rainy days in July 2025 in Türkiye was below normal with 2.8 days (1991-2020 normal is 3.2 days). The number of rainy days were between 10-15 days in the Trabzon, Rize, Bayburt, Erzurum, Artvin, Ardahan, Kars and Iğdır. N. of rainy day have been reduced to one (1) day in, İstanbul, Sakarya, Bursa, Bilecik, Çanakkale, Balıkesir, Manisa, İzmir, Aydın, Muğla, Şanlıurfa, Mardin and Şırnak.

There are 90 extreme events have been reported in July 2025 in TSMS's Kardelen Database. Percentage of extreme events in July 2025 were storm-tornado (56%), heavy rain-flood (14%), hail (12%), wild fire (11%), lightning (3%), heat wave(3%), dust-storm (2%).

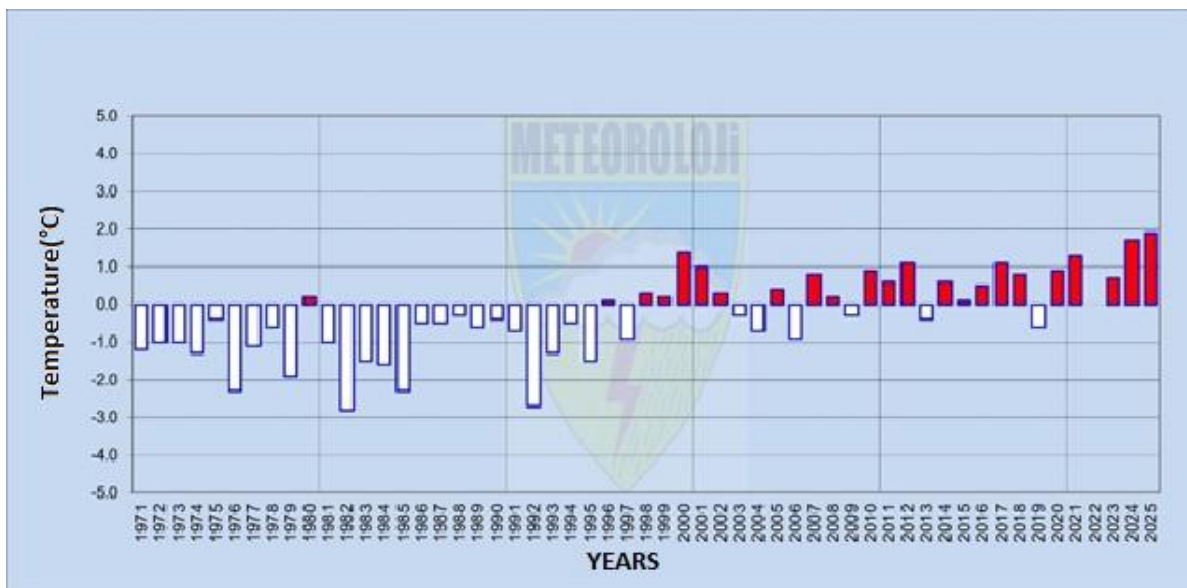
## 2. Temperature

In July 2025, temperatures were near seasonal normal in Oltu, Tortum, Dalaman, Doğubeyazıt, İnebolu, Sarıkamış, İspir, Antakya, Akçakoca, Erdemli, Ardahan, Kızılcahamam, Erzurum, Kars, Hopa, Ahlat, Antalya, Korkuteli, Erzincan, Hakkari, Horasan, Bayburt, Finike, Köyceğiz, Ordu, Özalp, Tercan, Mut, Kahramanmaraş and Ergani. There were above seasonal normal temperature in other parts of Türkiye. (Fig.2.1)



**Figure 2.1** Türkiye's mean temperature anomalies in July (Fig.2.1)

The mean temperature of Türkiye in July 2025 was 26.9°C. This value was 1.9°C above the 1991-2020's normal (25.0°C)(Fig.2.2).



**Figure 2.2** Monthly mean temperature anomalies in July (Url 1).

In July 2025, mean temperatures differences was positive in all over Türkiye (Fig.2.3).

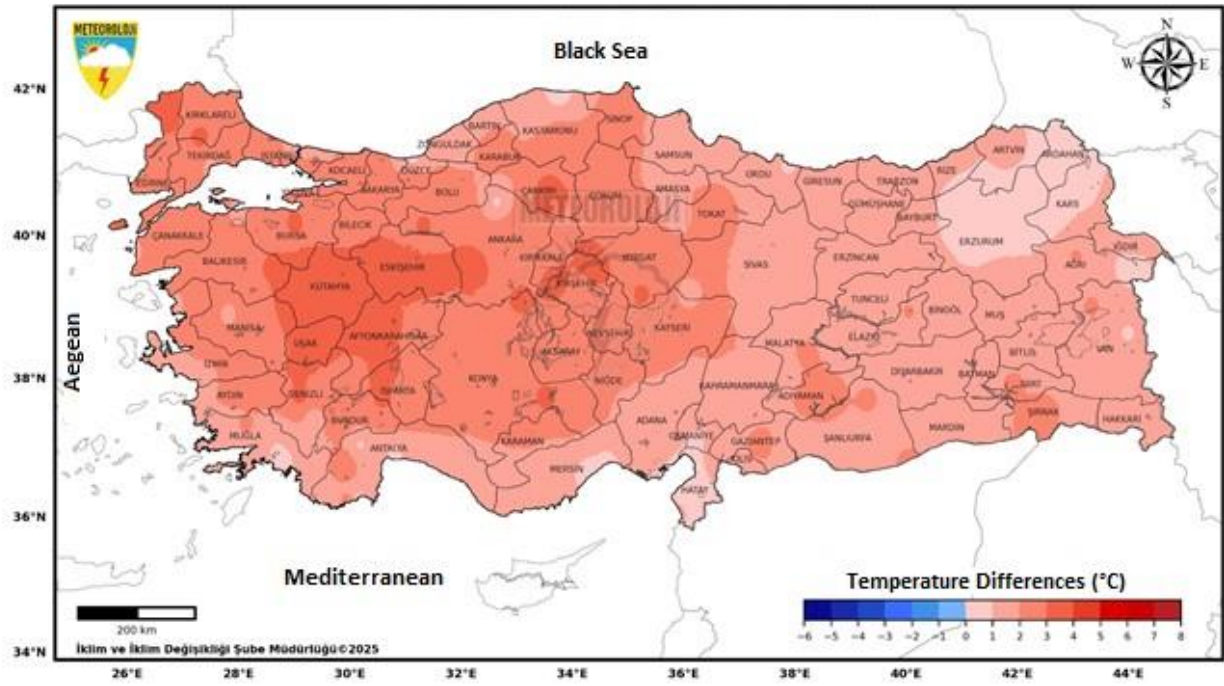


Figure 2.3. Spatial distribution of mean temperature differences in Türkiye in July 2025 (Url 1).

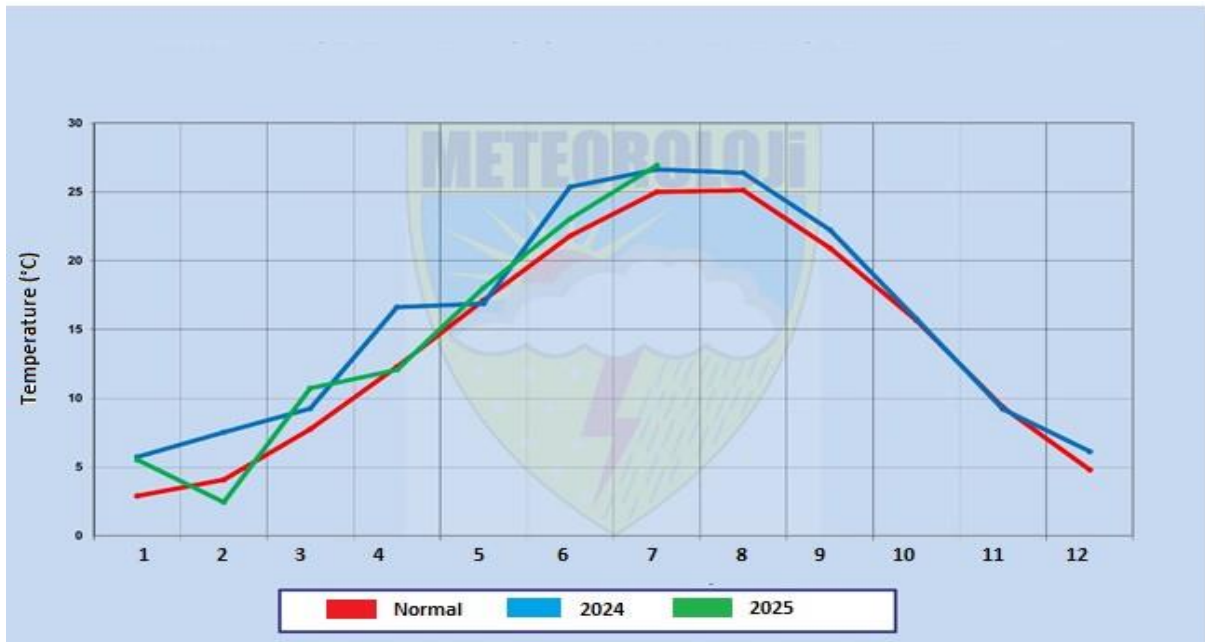


Figure 2. 4 The difference of the monthly mean temperature in 2025 from normal (1991-2020) (Url 1).

The monthly mean temperature in July was above seasonal normal.

## 2.1. Regional Temperature

Regional temperatures were above their normal in all regions (Fig. 2.4).





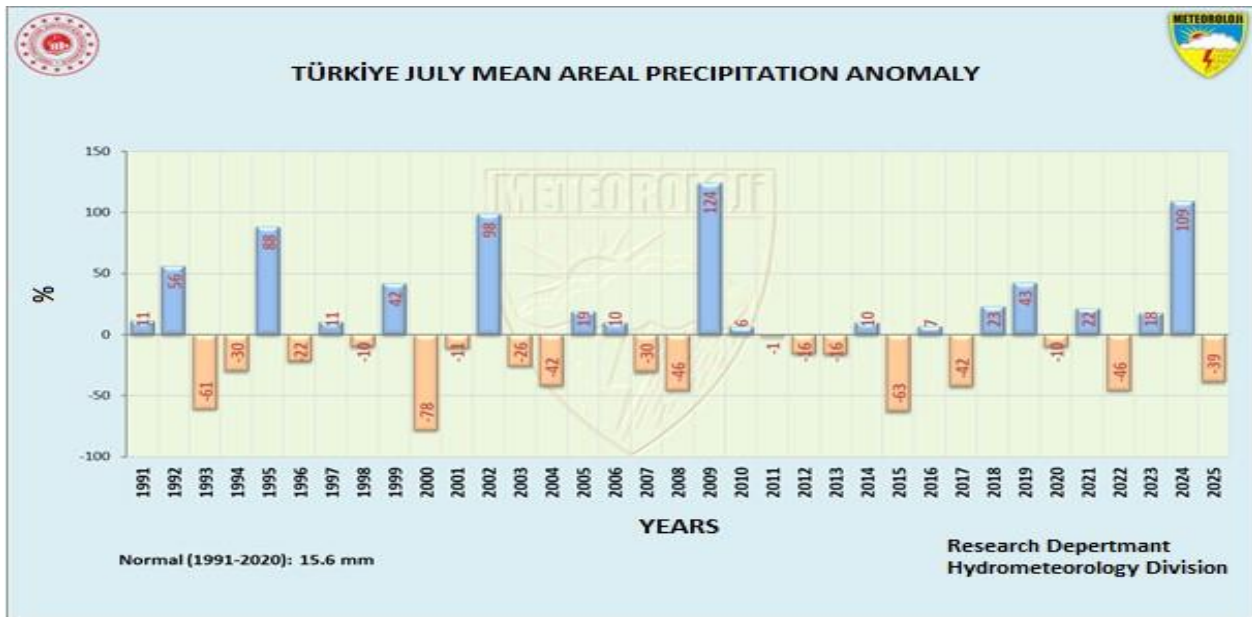
**Figure 2. 4** Regional mean temperature differences in July 2025 (Url 1).

## 2.2. Extreme Temperature

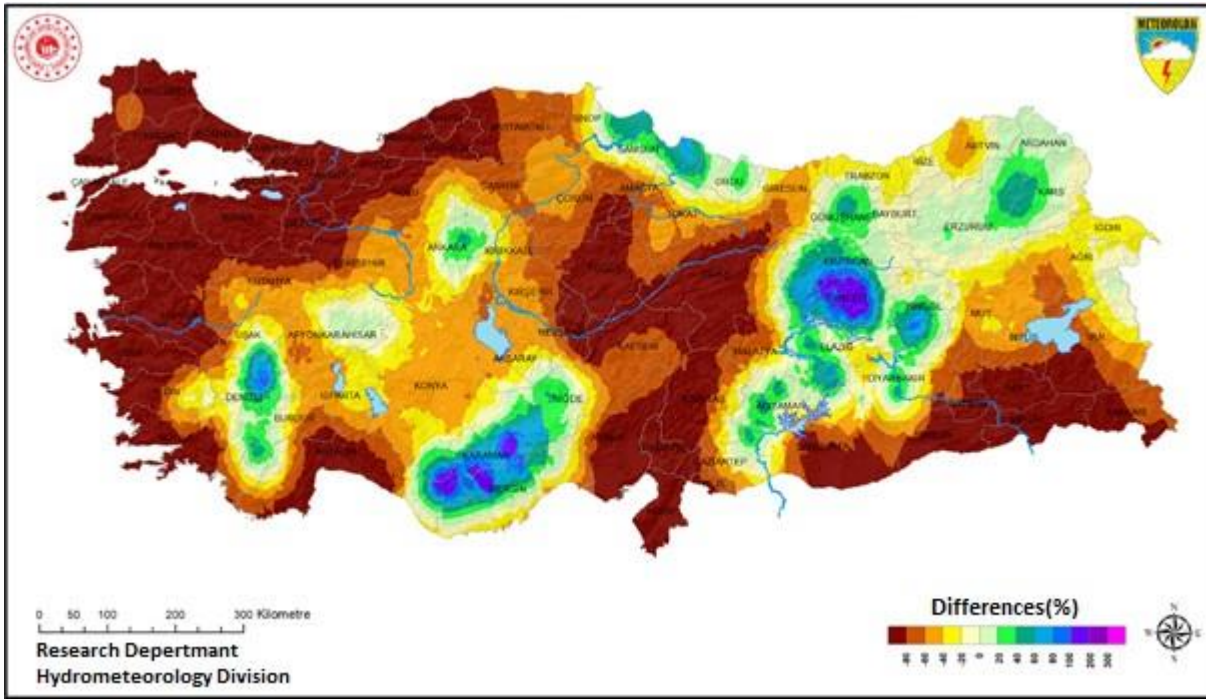
The lowest temperature was observed in Erzurum with 3.2°C and the highest temperature was observed in Cizre with 49.4°C. There were 66 new extreme maximum temperature records observed.

## 3. Precipitation

Türkiye's areal mean precipitation in July 2025 was 9.6 mm. This value is approximately 39% below from the 1991-2020's normal (15.6 mm)(Fig. 3.1)



**Figure 3. 1** Areal precipitation anomaly in July in Türkiye (Url 2).

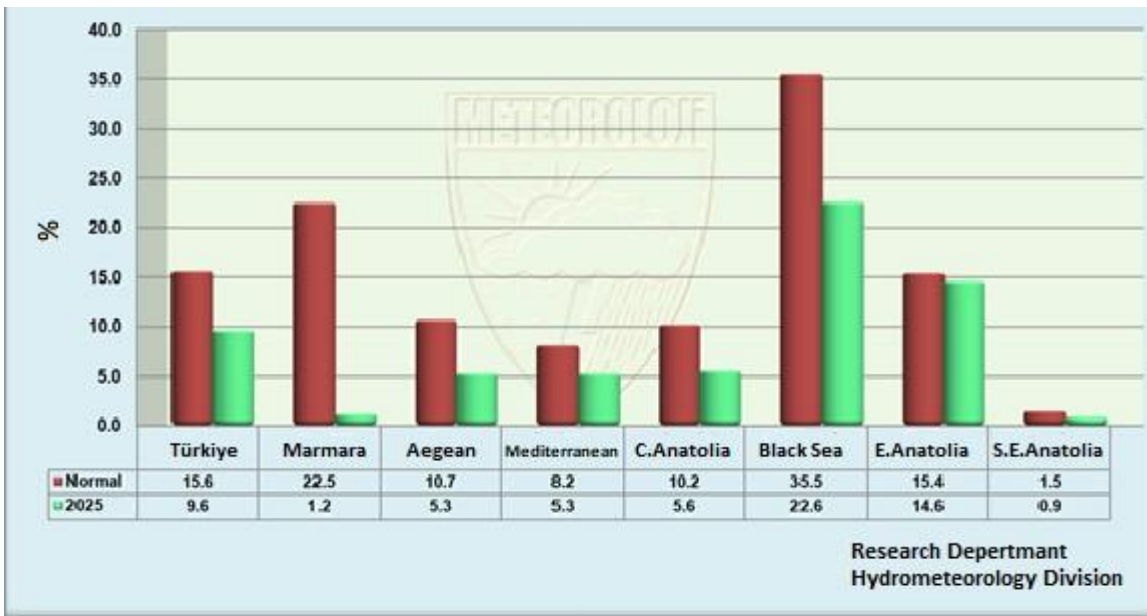


**Figure 3. 2** Spatial distribution of mean precipitation anomalies in July 2025 (Url 2).

In July, regional precipitation was below normal in all regions. A decrease of more than 80% compared to normal was observed in Aegean region, Western Black Sea, Central Anatolia, Eastern Mediterranean, Antalya, Şanlıurfa, Mardin, Şırnak, Batman, Van and Hakkari. In July, the highest precipitation was recorded in Rize with 89.0 mm. Yalova was the only city that did not receive any rain in July. (Fig. 3.2).

### 3.1. Regional Precipitation

In July 2025, regional precipitation, were below their normal in all regions (1991-2020) (Figure 3.3).

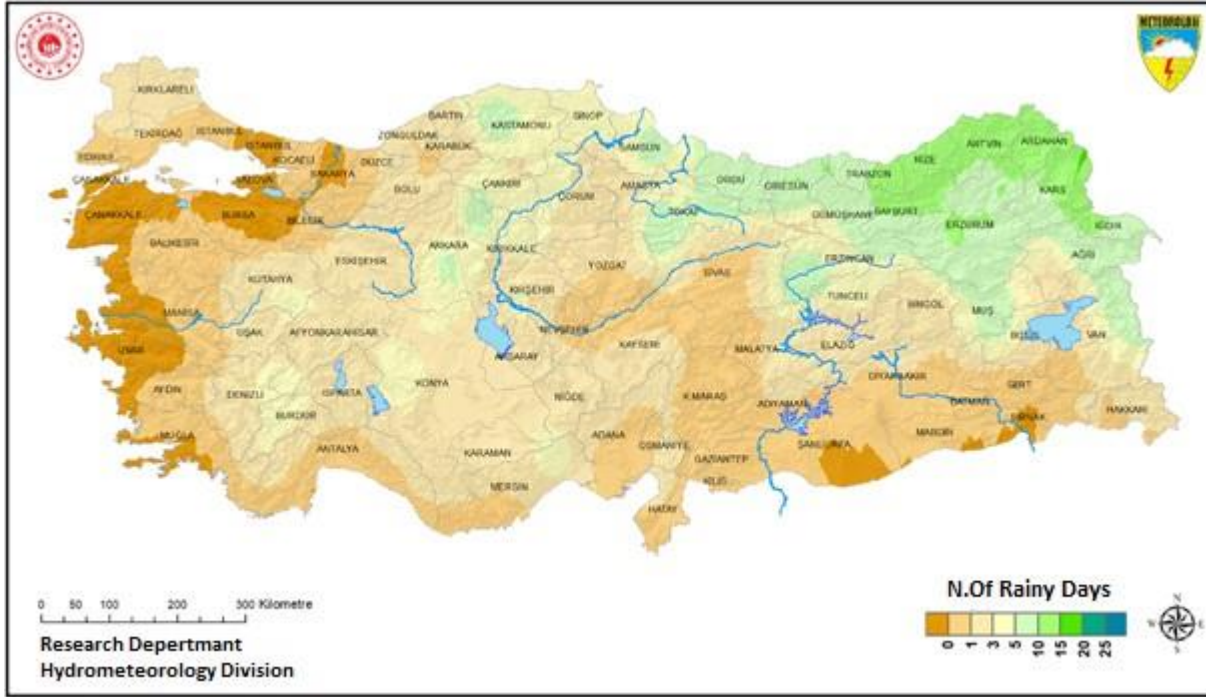


**Figure 3. 3** Regional Precipitation Differences in July 2025 (Url



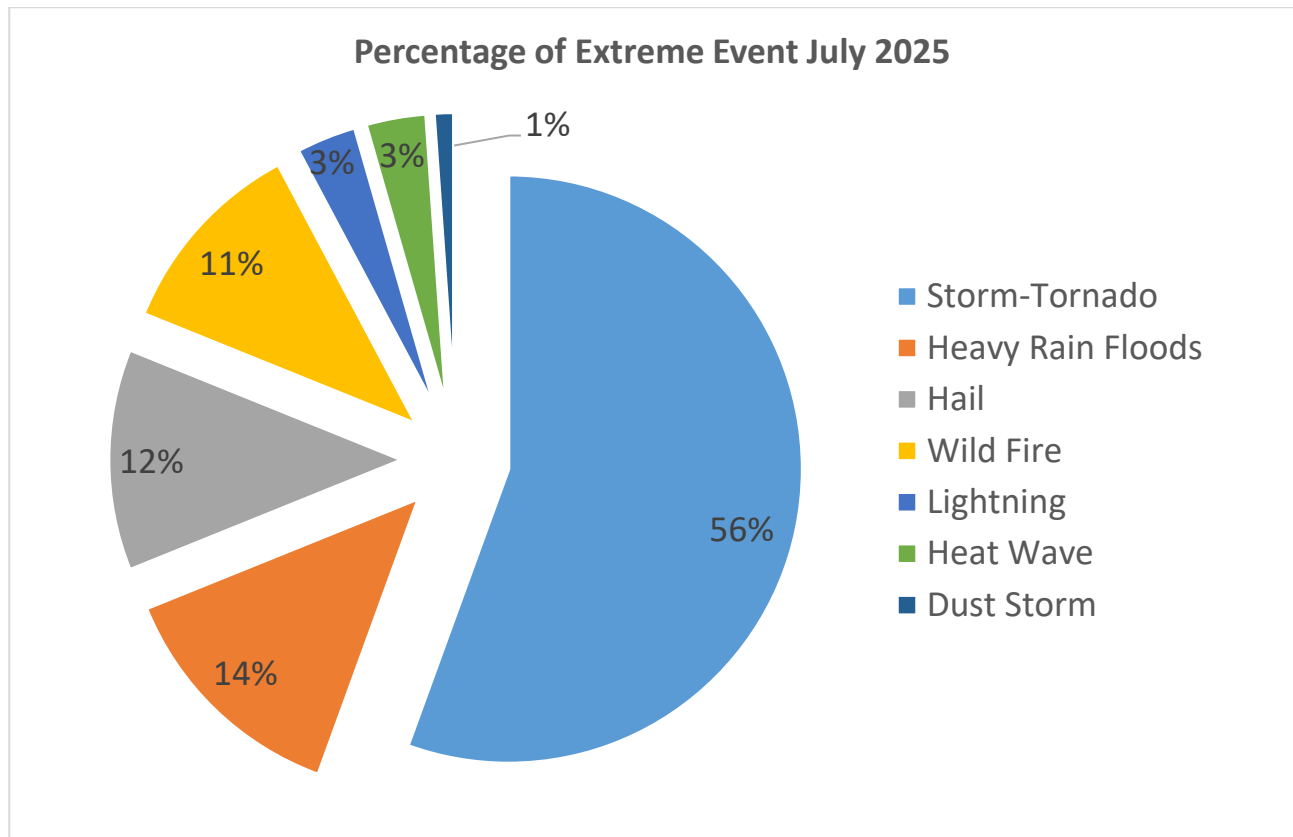
### 3.2. Rainy Days

The number of rainy days in July 2025 in Türkiye was below normal with 2.8 days (1991-2020 normal is 3.2 days). The number of rainy days were between 10-15 days in the Trabzon, Rize, Bayburt, Erzurum, Artvin, Ardahan, Kars and Iğdır. N. of rainy day have been reduced to one (1) day in, İstanbul, Sakarya, Bursa, Bilecik, Çanakkale, Balıkesir, Manisa, İzmir, Aydın, Muğla, Şanlıurfa, Mardin and Şırnak.(Fig. 3.4).



**Figure 3.** Number of rainy days in July 2025 (Url 2).

#### 4. Extreme Meteorological Events



**Figure 4.1.** Percentage of extreme event in July 2025 (Url 3).

There are 90 extreme events have been reported in July 2025 in TSMS's Kardelen Database. Percentage of extreme events in July 2025 were storm-tornado (56%), heavy rain-flood (14%), hail (12%), wild fire (11%), lightning (3%), heat wave(3%), dust-storm (2%) (Fig. 4.1).

#### References

1. URL 1, Turkish State Meteorological Service, temperature analysis  
<http://www.mgm.gov.tr/veridegerlendirme/sicaklik-analizi.aspx>
2. URL 2, Turkish State Meteorological Service, precipitation analysis  
<http://www.mgm.gov.tr/veridegerlendirme/yagis-raporu.aspx>
3. URL 3, Turkish State Meteorological Service, Kardelen, meteorological extreme event database  
<http://kardelen.mgm.gov.tr/BultenGenel/Klima/fevkGlnYeni.aspx>



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