

5 Iyar 5785  
04 May 2025

## Monthly Weather Conditions - April 2025

### Overview

April was warmer than average, with rainfall amounts below the norm. The month featured several hot-weather episodes that included severe dry heatwave days, two of which stood out: one on the 23rd, when temperature records were broken in the Arava, and another on the 30th. On both days large wildfires broke out in the Judean Lowlands and the Jerusalem Hills; the blaze at the end of the month (on Memorial Day) was especially extensive. By contrast, April also contained cool periods, the most notable in mid-month when the mountains experienced an unusual run of cold days. April ended only slightly warmer than average and, in terms of its monthly mean, is not exceptional compared with past years.

Rainfall totals were small, less than half the monthly average, continuing a rainy season marked by a pronounced lack of precipitation. Near the very end of the season, cumulative rainfall since its start amounts to only 50 %-60 % of the average for the corresponding period in most regions, and to less than half that value in some areas such as the Golan Heights and the Judean Lowlands. The deficit therefore remains extreme and, in the northeast of the country, is unprecedented since records began in Israel.

### Temperatures and weather during the month

April was warmer than average, especially during the daytime: maximum temperatures (relative to the 1991–2020 mean) were 1-1.5 °C above normal in the mountains and inland areas and 1.5-2 °C above normal on the coastal plain (Table 1). Minimum temperatures were 0.5-1 °C above average in the central mountains and southern Israel and about 0.5 °C above average on the coastal plain and in the north.

Both markedly warm periods and cool periods occurred during the month (Figures 1 & 2).

## **1–9 April: Warmer than usual, with several sharav days**

Most of this period was warmer than usual and included a few light-to-moderate *sharav* days. On 1 April a *sharav* produced temperatures of 31–33 °C on the coastal plain, in the Judean Lowlands, the northern valleys and southern Israel, but the next day saw a sharp cooling, though values still remained above average.

Temperatures were near average on the 4th and 5th. A marked warming on the 6th brought a *sharav* with temperatures similar to those at the start of the month. Temperatures dropped on the 7th, but on the 8th another *sharav* produced 33–35 °C on the coastal plain, in the Judean Lowlands, the eastern valleys, the Negev and the Arava, and 30–32 °C in the central mountains.

## **10–16 April: Significantly cooler than usual**

A pronounced cooling on the 9th continued on the 10th, and through the 15th the weather was markedly cooler than usual (during Passover and the first half of *Hol HaMoed*). Daytime temperatures on the coastal plain and in the northern Negev were 20–22 °C (3–5 °C below average); in the mountains they were only 13–15 °C, 6–8 °C below average. Since the early 1980s, such a prolonged run of low temperatures in April has occurred in the mountains only twice, in 2019 and 1997.

## **17–24 April: Warmer than usual, with a severe sharav**

After warming began on the 16th, further warming on the 17th raised daytime temperatures to 30–33 °C in many parts of the country. Night-time minima were cool, 6–9 °C in the valleys and plains. The following day maximum temperatures again rose, reaching 35–38 °C in the Arava. From 19–21 April temperatures were lower, yet still above normal.

On 22 April a sharp warming produced a severe *sharav*: 36–38 °C on the coastal plain, in the Judean Lowlands and the northern valleys; 38–40 °C in the Negev and Jordan Valley; 42–44 °C in the central and northern Arava; and 31–33 °C in the mountains. The *sharav* peaked in central and southern Israel on the 23rd, with 33–35 °C in the mountains, 40–41 °C in the Judean Lowlands and the central and southern coastal plain, and 42–45 °C in the Rift Valley and Arava. April temperature records were broken at Hazeva and Paran. Relative humidity dropped below 10 % in many areas, contributing to large wildfires in the Judean Lowlands and Jerusalem region ([details in a separate review](#)).

**25-30 April: Slightly cooler than usual, ending with a severe *sharav* and a major wildfire**

From 25-29 April conditions were slightly cooler than usual (1-2 °C below average), but on the 30th a pronounced warming produced a severe *sharav*. Temperatures reached 37-39 °C on the coastal plain, in the Judean Lowlands, the valleys and southern Israel, and 31-33 °C in the mountains. Until mid-afternoon, easterly to south-easterly winds of 30-40 km/h prevailed in central and southern Israel, with gusts of 50-60 km/h; occasional stronger gusts associated with deep convective clouds reached over 80 km/h and even above 100 km/h (Talmon 109 km/h, Kiryat Gat 104 km/h). Late in the afternoon the winds shifted to south-westerly to westerly as the *sharav* broke, attaining 40-60 km/h with gusts of 65-85 km/h. On the morning of the 30th a fire reignited in Eshtaol Forest and spread rapidly westward under the easterly winds and *sharav* conditions, forcing the evacuation of many communities, closing roads and cancelling official ceremonies. As the winds veered, the blaze spread northward and eastward. In total, nearly 20,000 dunams were burned.

**Table 1: Temperatures\* in April 2025 (°C) compared with the average**

|                            | Station            | April 2025 |         | Difference from the average 1991-2020 |         |
|----------------------------|--------------------|------------|---------|---------------------------------------|---------|
|                            |                    | Maximum    | Minimum | Maximum                               | Minimum |
| Coastal plain and Lowlands | Haifa (Technion)   | 23.7       | 14.6    | +1.5                                  | +0.6    |
|                            | En HaHoresh        | 25.9       | 11.1    | +1.7                                  | +0.4    |
|                            | Bet Daqan          | 26.7       | 13.7    | +2.1                                  | +0.6    |
|                            | Negba              | 26.5       | 12.7    | +1.8                                  | +0.5    |
| Northern Mountains         | Elon               | 24.4       | 13.4    | +0.7                                  | +0.2    |
|                            | Merom Golan Picman | 20.7       | 7.1     | +0.8                                  | +0.2    |
|                            | Avne Eitan         | 25.3       | 11.1    | +1.4                                  | +0.4    |
|                            | Zefat Har Kenaan   | 21.2       | 11.2    | +1.6                                  | +0.3    |
|                            | Deir Hanna         | 25.1       | 15.1    | +1.1                                  | +0.9    |
|                            | Tavor              | 27.4       | 12.8    | +1.5                                  | +0.6    |
| Northern Valleys           | Afula Nir HaEmek   | 27.4       | 10.8    | +1.4                                  | +0.5    |
|                            | Kefar Blum         | 28.0       | 11.8    | +1.1                                  | +0.3    |
|                            | Zemah              | 29.4       | 13.9    | +1.4                                  | +0.6    |
|                            | Eden Farm          | 29.5       | 13.6    | +1.3                                  | +0.1    |
| Central Mountains          | Qarne Shomron      | 25.4       | 13.6    | +1.7                                  | +0.9    |
|                            | Jerusalem          | 23.7       | 13.6    | +1.7                                  | +1.1    |
|                            | Beit Jamal         | 26.6       | 14.7    | +1.2                                  | +1.0    |
|                            | Rosh Zurim         | 21.6       | 11.7    | +1.8                                  | +1.1    |
| Negev                      | Besor              | 26.5       | 13.2    | +1.1                                  | +0.5    |
|                            | Arad               | 26.2       | 13.2    | +1.6                                  | +1.1    |
|                            | Beer Sheva         | 28.1       | 14.2    | +1.4                                  | +1.5    |
|                            | Sede Boker         | 26.4       | 11.7    | +1.1                                  | +0.8    |
| The Arava                  | Sedom              | 31.8       | 22.5    | +1.2                                  | +0.8    |
|                            | Hazeva             | 31.6       | 17.3    | +1.4                                  | +0.2    |
|                            | Yotvata            | 31.9       | 16.2    | +1.6                                  | +0.6    |
|                            | Eilat              | 32.6       | 19.4    | +1.0                                  | +0.7    |

**Table 2: Extreme Temperatures in April 2025 (°C) Compared with the Past**

|                  | April 2025      |         |                 |                    | Extreme Values Since the Start of Measurements |                        |                 |           | Years of Operation Station |
|------------------|-----------------|---------|-----------------|--------------------|--|------------------------|-----------------|-----------|----------------------------|
|                  | Extreme Maximum |         | Extreme Minimum |                    | Extreme Maximum                                |                        | Extreme Minimum |           |                            |
|                  | Temp.           | Date    | Temp.           | Date               | Temp.  | Date                   | Temp.           | Date      |                            |
| Bet Dagan        | 40.5            | 23/4/25 | 8.8             | 16/4/25            | 41.7   | 25/4/2024              | 3.0             | 1/4/1988  | 2025-1962                  |
| Negba            | 41.9            | 23/4/25 | 9.2             | 16/4/25            | 42.0   | 19/4/2021<br>20/4/1994 | 2.5             | 1/4/1956  | 2025-1950                  |
| Zefat Har Kenaan | 30.2            | 22/4/25 | 5.2             | 15/4/25            | 34.5   | 24/4/2008              | 0.2             | 6/4/1949  | 2025-1939                  |
| Jerusalem*       | 34.8            | 23/4/25 | 7.7             | 14/4/25            | 36.3   | 23/4/2008              | 0.8             | 2/4/1990  | 2025-1867                  |
| Beer Sheva**     | 39.6            | 23/4/25 | 9.0             | 16/4/25            | 43.8   | 30/4/1928              | 1.5             | 15/4/1952 | 2025-1922                  |
| Eilat            | 40.1            | 23/4/25 | 14.7            | 14/4/25<br>15/4/25 | 43.4   | 24/4/2008              | 8.4             | 3/4/19/90 | 2025-1949                  |

\* Jerusalem: Central 2025-1950, Talbiya 1949-1948, Palace Hotel 1947-1935, American Colony 1935-1927, Mount of Olives 1926-1918, German Colony 1915-1895, English Hospital, Ha-Nevi'im Street 1913-1898, English Hospital, Old City 1915-1867

\*\* Beer Sheva University 2025, Beer Sheva Negev Institute 2025-1957, Beer Sheva 1957-1922

**Figure 1: Daily minimum and maximum temperatures in Jerusalem in April 2025 compared with the multi-year average**

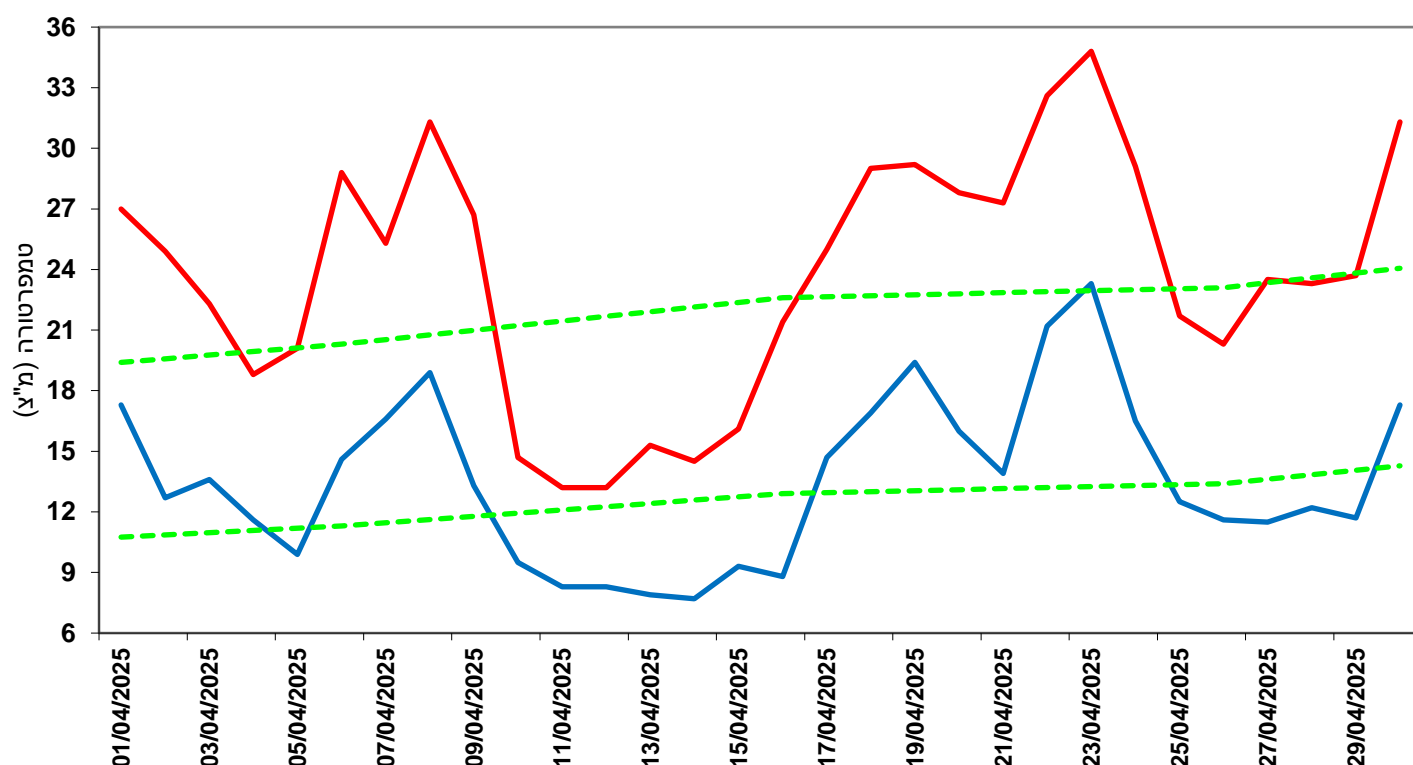
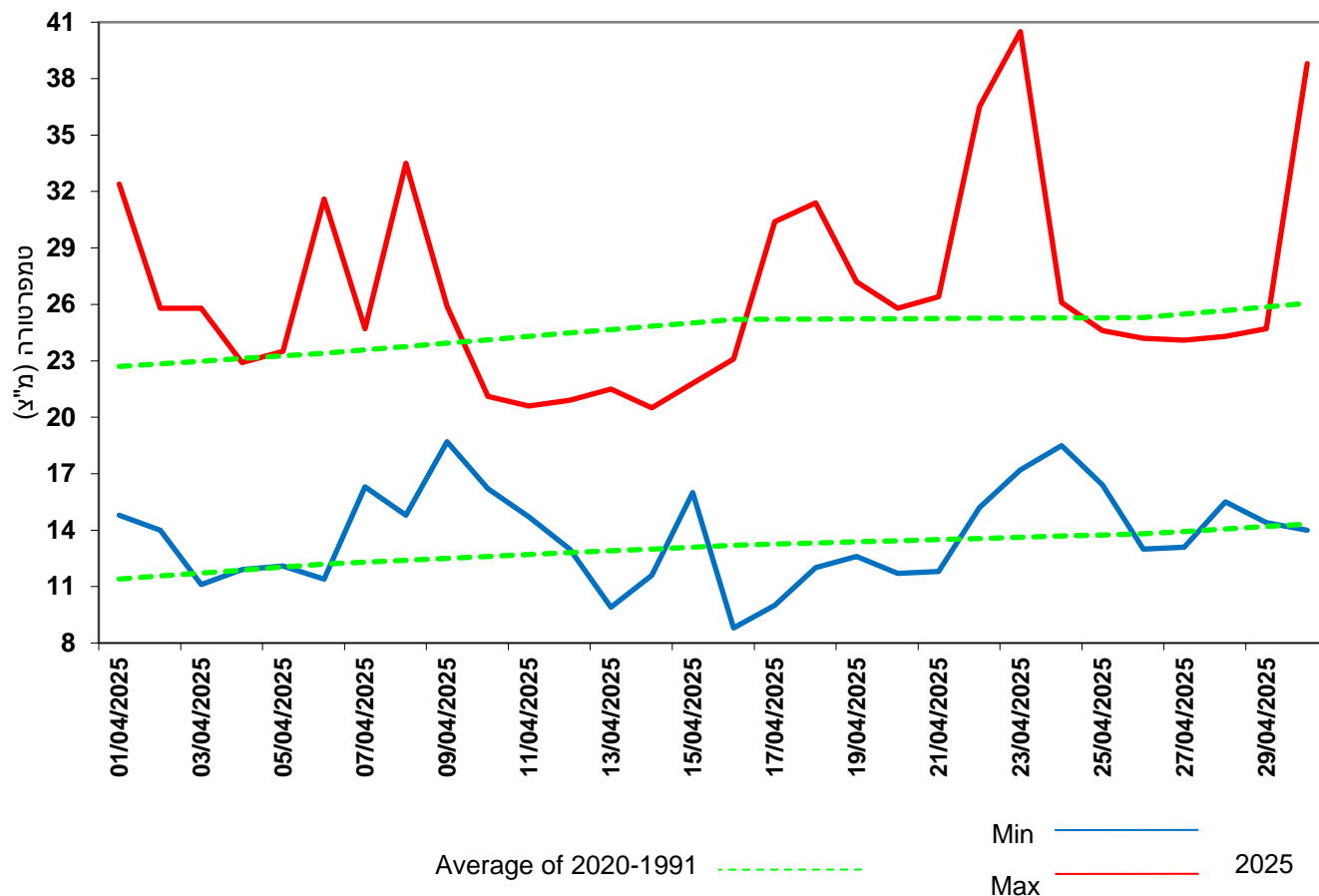


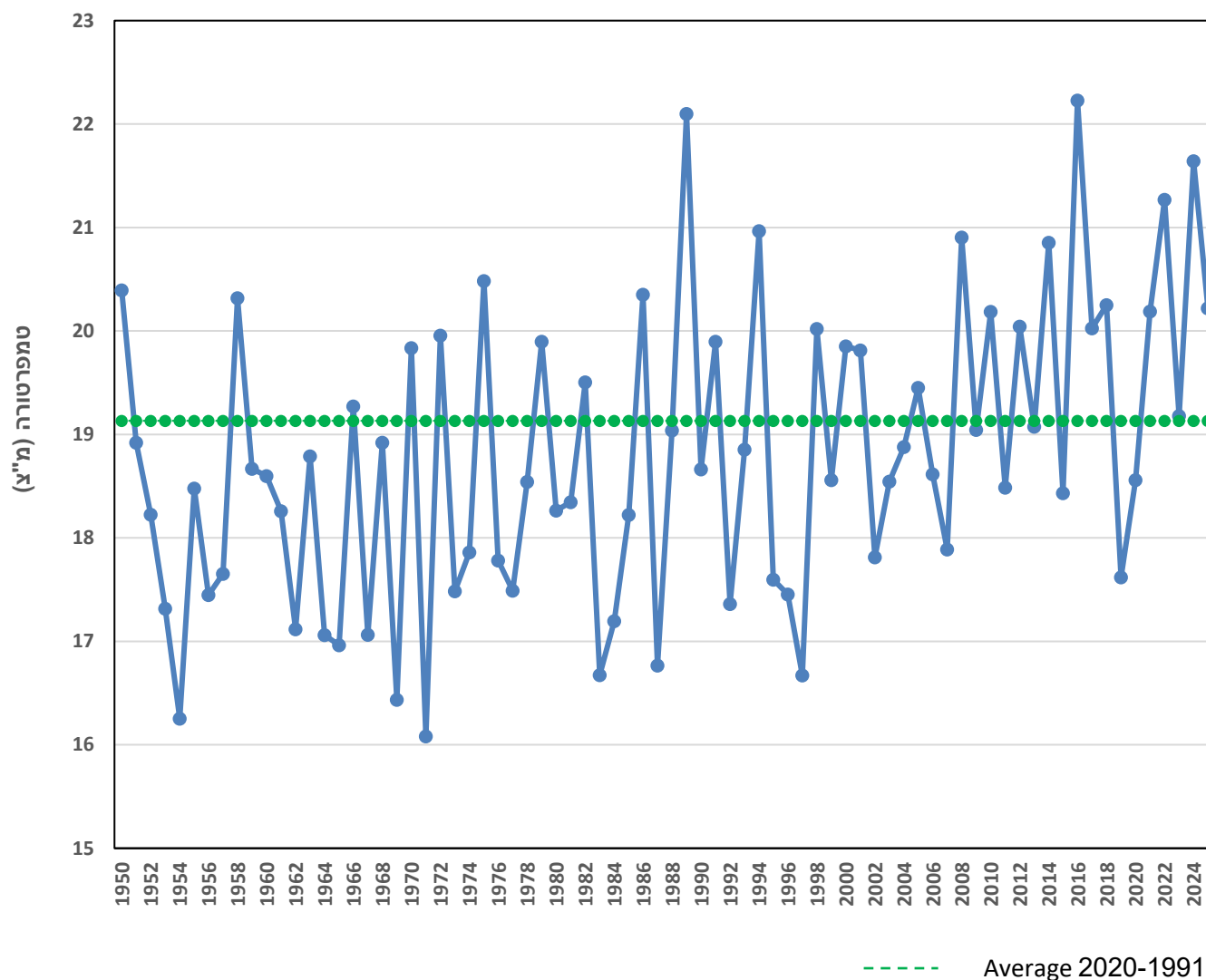
Figure 2: Daily minimum and maximum temperatures in Bet Dagan in April 2025 compared with the multi-year average



## Historical Context of April Temperatures

Within the national spatial-measurement series that extends back to 1950, April 2025 ranks as the tenth warmest on record. Fully half of the Aprils surpassing it in temperature have occurred during the last 15 years; nevertheless, markedly warm Aprils were also documented in earlier decades, including the 1950s. The most pronounced anomaly remains April 2016, which registered as the warmest in the entire sequence (see Figure 3).

Figure 3: Average daily temperature in Israel\* in April, 1950 – 2025



\* To represent the area of Israel, five representative stations with data dating back to 1950 were chosen. The trend of the averages at these stations is similar to the trend of the averages in a larger and more diverse sample of stations.

## Rainfall in April 2025

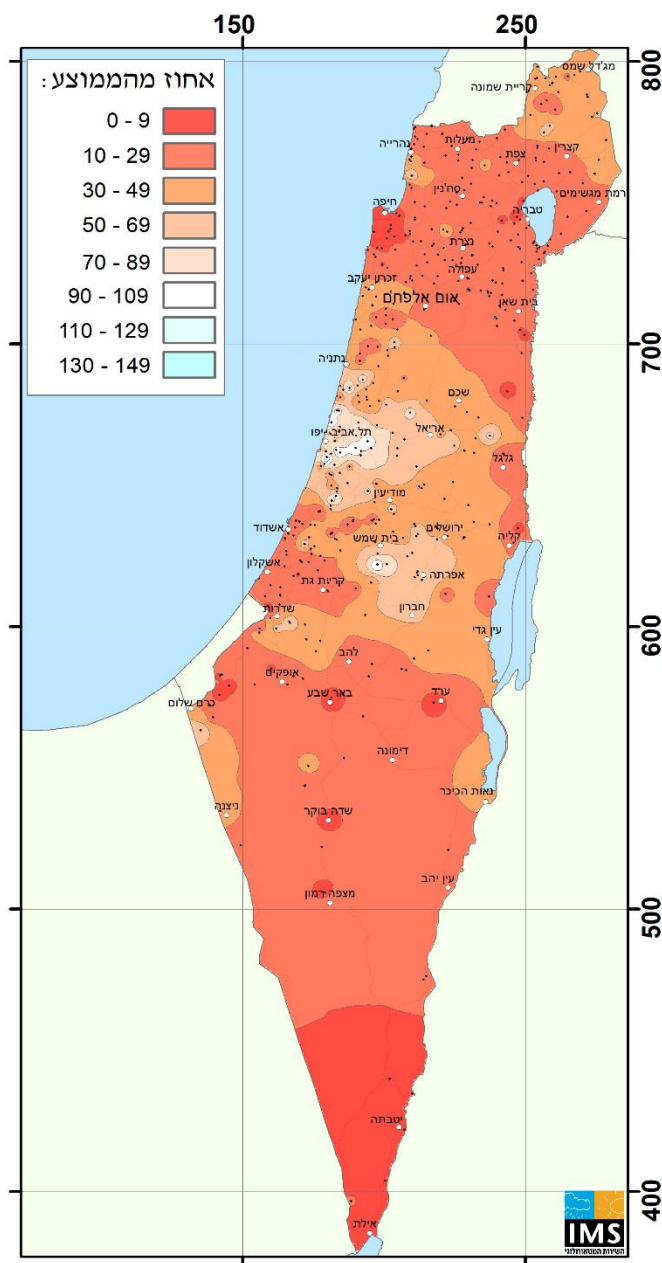
Precipitation totals in April were markedly below the long-term average across almost the entire country. Along the Coastal Plain, amounts generally ranged between about 5 and 10 mm, compared with a multi-annual norm of 20-25 mm in the northern sector and 10-15 mm in the southern sector. Localised heavier totals of roughly 15-20 mm were registered in the Acre area, on the central Coastal Plain between Herzliya and Holon, and in the Rehovot district.

In Upper Galilee some 10-15 mm accumulated, while similar figures were measured on the Golan Heights, with 20-25 mm in its northern reaches. Even these amounts represent less than half of the climatological mean. Over Samaria and Judea, 5-15 mm were gauged (21 mm at Karnei Shomron) versus a normal 15-25 mm. The Hula Valley collected 10-15 mm, whereas the Sea of Galilee basin received only 3-5 mm. In the Gaza envelope, the Negev and the Arava, less than 2 mm was recorded during April (see Maps 1-2 and Table 3).

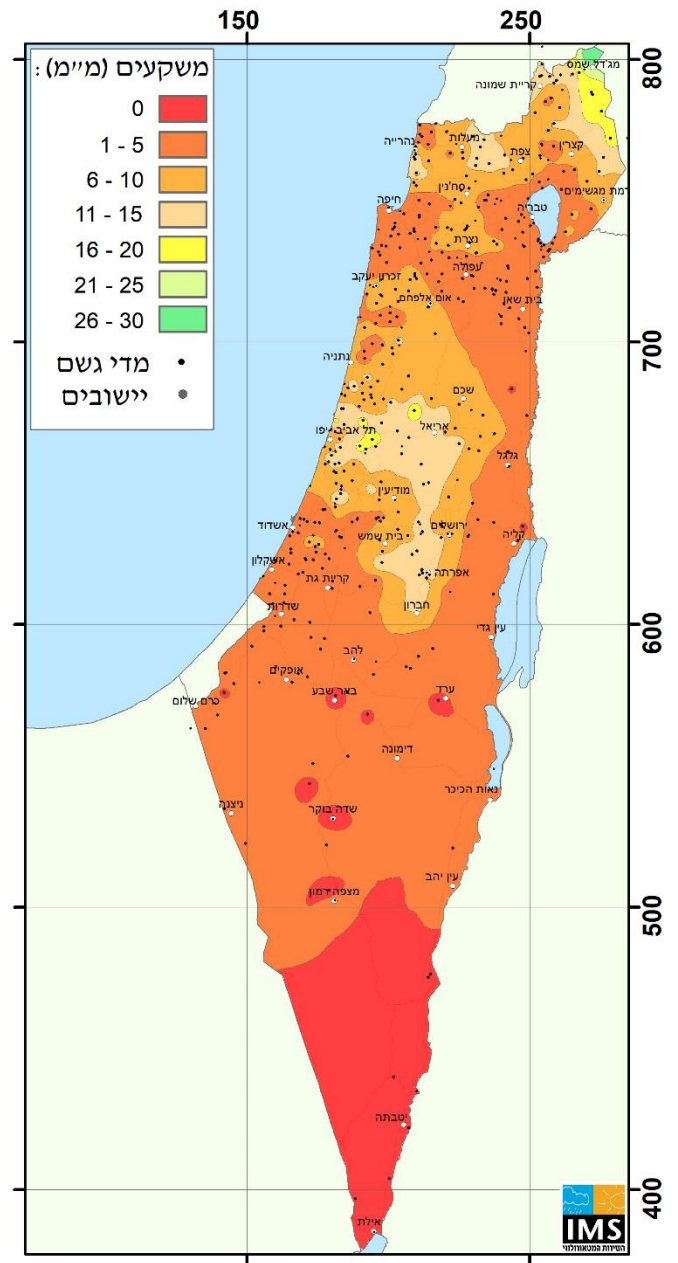
Most of the entire month's rainfall was confined to a single episode spanning 11-14 April (the first half of Passover). This system effectively comprised two phases. The initial phase persisted from the evening of the 11th until midday on the 12th (Passover Eve) and produced only light precipitation of a few millimetres, chiefly over the mountains. The main rainfall occurred on 13-14 April, when 5-10 mm were logged in the northern and central mountains as well as on the Coastal Plain.

Apart from this event, only negligible precipitation (up to 1 mm) transpired on 4-6 April, and a brief rain passed on 30 April.





Map 2: Amount of Rainfall in April 2025 Relative to the Multi-Year Average (%)



Map 1: Amount of Rainfall in April 2025 (mm)

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פקס 03-9604065

ת.ד. 25 בית דלן, 50250

דוא"ר: [ims@ims.gov.il](mailto:ims@ims.gov.il)



**Table 3: Rainfall Amounts in April 2025 Compared with the Multi-Year Average for the Month\***

| Area                       | Station            | Rainfall Amount in April 2025 (mm) | Multi-Year Average for April (mm)* | % of April Average |
|----------------------------|--------------------|------------------------------------|------------------------------------|--------------------|
| Coastal plain and Lowlands | Rosh Haniqra       | 3                                  | 26                                 | 13%                |
|                            | Nahariyya          | 6                                  | 28                                 | 20%                |
|                            | Evron              | 12                                 | 30                                 | 40%                |
|                            | Akko               | 19                                 | 24                                 | 76%                |
|                            | Haifa (Port)       | 0.4                                | 26                                 | 2%                 |
|                            | Haifa Technion     | 1                                  | 27                                 | 5%                 |
|                            | Yagur              | 2                                  | 27                                 | 8%                 |
|                            | Daliyat el-Carmel  | 4                                  | 32                                 | 14%                |
|                            | En Hashofet        | 7                                  | 25                                 | 29%                |
|                            | Ma'ayan Zvi        | 6                                  | 19                                 | 31%                |
|                            | Zichron Yaakov     | 6                                  | 18                                 | 31%                |
|                            | Amikam             | 10                                 | 21                                 | 48%                |
|                            | Gilad              | 9                                  | 25                                 | 37%                |
|                            | Nahal Taninim      | 5                                  | 16                                 | 34%                |
|                            | Binyamina          | 9                                  | 17                                 | 54%                |
|                            | En HaHoresh        | 3                                  | 19                                 | 16%                |
|                            | Ahituv             | 4                                  | 19                                 | 22%                |
|                            | Qadima             | 13                                 | 14                                 | 95%                |
|                            | Tel Yitzhak        | 16                                 | 14                                 | 112%               |
|                            | Kefar Hess         | 8                                  | 16                                 | 48%                |
|                            | Nir Eliyyahu       | 6                                  | 19                                 | 30%                |
|                            | Kfar Shmaryahu     | 14                                 | 15                                 | 94%                |
|                            | Hakfar Hayarok     | 14                                 | 16                                 | 91%                |
|                            | Nahshonim          | 15                                 | 17                                 | 88%                |
|                            | Kefar Ma'as        | 18                                 | 16                                 | 112%               |
|                            | Tel Aviv Coast     | 7                                  | 11                                 | 62%                |
|                            | Mikve Yisrael      | 19                                 | 12                                 | 149%               |
|                            | Bet Dagan          | 11                                 | 15                                 | 71%                |
|                            | Ben Gurion Airport | 6                                  | 15                                 | 39%                |
|                            | Rishon Lezion      | 5                                  | 17                                 | 31%                |
|                            | Nezer Sereni       | 9                                  | 18                                 | 50%                |
|                            | Rehovot            | 18                                 | 16                                 | 110%               |
|                            | Nir Galim          | 4                                  | 13                                 | 33%                |
|                            | Qevuzat Yavne      | 4                                  | 13                                 | 29%                |
|                            | Be'er Tuvia        | 3                                  | 14                                 | 20%                |
|                            | Nizanim            | 2                                  | 11                                 | 14%                |
|                            | Negba              | 0.6                                | 12                                 | 5%                 |
|                            | Ashkelon           | 0.5                                | 8                                  | 6%                 |
|                            | Erez               | 0.2                                | 9                                  | 2%                 |
|                            | Yakhini            | 4                                  | 8                                  | 56%                |
|                            | Be'eri             | 2                                  | 9                                  | 18%                |
|                            | Magen              | 0.5                                | 8                                  | 6%                 |
|                            | Besor              | 0.3                                | 7                                  | 4%                 |
| Northern Mountains         | Nimrod Fortress    | 19                                 | 49                                 | 40%                |
|                            | Merom Golan        | 19                                 | 39                                 | 49%                |
|                            | Gamla              | 6                                  | 27                                 | 24%                |
|                            | Kefar Giladi       | 15                                 | 38                                 | 40%                |
|                            | Elon               | 10                                 | 39                                 | 27%                |
|                            | Kabri              | 3                                  | 31                                 | 9%                 |
|                            | Meron              | 8                                  | 40                                 | 21%                |

**Table 3 (Cont.): Rainfall Totals in April 2025 Compared With the Multi-Year Monthly Average\***

| <b>Area</b>                   | <b>Station</b>        | <b>Rainfall Amount in April 2025 (mm)</b> | <b>Multi-Year Average for April (mm)*</b> | <b>% of April Average</b> |
|-------------------------------|-----------------------|---|---|---------------------------|
|                               | Zefat Har Kenaan      | 9   | 33  | 26%                       |
|                               | Harashim              | 12  | 47  | 25%                       |
|                               | Karmiel               | 9   | 44  | 19%                       |
|                               | Eshhar                | 8   | 30  | 26%                       |
|                               | Deir Hana             | 5   | 32  | 15%                       |
|                               | Yodfat                | 10  | 32  | 30%                       |
|                               | Lavi                  | 1   | 24  | 6%                        |
|                               | Alon HaGalil          | 9   | 24  | 36%                       |
|                               | Nazareth              | 7   | 22  | 30%                       |
| Northern Valleys              | Newe Ya'ar            | 7   | 23  | 31%                       |
|                               | Afula Nir HaEmek      | 3   | 20  | 14%                       |
|                               | Nir David             | 2   | 16  | 14%                       |
|                               | Banias                | 10  | 38  | 25%                       |
|                               | Dafna                 | 11  | 32  | 33%                       |
|                               | Kefar Blum            | 5   | 26  | 18%                       |
|                               | Ayelet HaShahar       | 5   | 21  | 21%                       |
|                               | Ginosar               | 1   | 22  | 6%                        |
|                               | Zemah                 | 4   | 17  | 20%                       |
|                               | Sede Eliyyahu         | 1   | 13  | 8%                        |
|                               |                       |   |   |                           |
| Central Mountains             | Ma'ale Gilboa         | 6   | 19  | 30%                       |
|                               | Kedumim               | 9   | 21  | 43%                       |
|                               | Har Bracha            | 8   | 24  | 35%                       |
|                               | Qarne Shomron         | 21  | 26  | 79%                       |
|                               | Itamar                | 7   | 15  | 50%                       |
|                               | Eli                   | 13  | 21  | 61%                       |
|                               | Shilo                 | 8   | 24  | 32%                       |
|                               | Talmon                | 14  | 28  | 51%                       |
|                               | Har Harasha           | 11  | 28  | 38%                       |
|                               | Psagot                | 9   | 24  | 38%                       |
|                               | Mevo Horon            | 10  | 17  | 57%                       |
|                               | Latrun                | 5   | 17  | 31%                       |
|                               | Zova                  | 12  | 22  | 56%                       |
|                               | Jerusalem Center      | 10  | 22  | 44%                       |
|                               | Ma'ale Adummim        | 4   | 10  | 44%                       |
|                               | Beit Jamal            | 10  | 15  | 68%                       |
|                               | Tzur Hadassa          | 16  | 23  | 70%                       |
|                               | Rosh Zurim            | 13  | 20  | 66%                       |
|                               |                       |   |   |                           |
| Negev**                       | Arad                  | 0.2                                       | 7   | 3%                        |
|                               | Beer Sheva            | 0   | 6   | 0%                        |
|                               | Sede Boqer            | 0   |   |                           |
|                               | Mizpe Ramon           | 0.1                                       |   |                           |
|                               | Ne'ot Semadar         | 0   |   |                           |
| Jordan Valley** and the Arava | Gilgal                | 0.5                                       | 7   | 7%                        |
|                               | Sedom                 | 0.6                                       |   |                           |
|                               | Hazeva                | 1   |   |                           |
|                               | Paran                 | 0.4                                       |   |                           |
|                               | Yotvata               | 0   |   |                           |
|                               | Timna (Ramon Airport) | 0   |   |                           |
|                               | Eilat                 | 0   |   |                           |

\* The Multi-Year Average refers to the years 1991–2020. At stations that did not operate throughout this entire period, the averages have been adjusted to those years.

\*\* In an Arid Zone, multi-year monthly and sub-seasonal averages are not provided because of the low means and the irregular progression of rainfall amounts in these areas.

## Number of Rainy days

Across northern and central Israel, April registered only 1-3 rainy days (using a  $\geq 1$  mm precipitation threshold), whereas the long-term climatological norm stands at 2-4 days. In most regions the tally fell short of the average; an exception was the central highlands, where the frequency of rainy days approached or marginally exceeded the mean.

Since the start of the wet season, the cumulative count of rainy days has remained markedly below the climatological baseline. Northern Israel and the coastal plain have logged just 30-35 days, compared with a typical 50-55 days in the north and 40-45 days in central districts. The central highlands have accumulated roughly 27-28 days (long-term mean  $\approx 40$  days), while the northern Negev has recorded about 20 rainy days, versus an average of around 25 days (see Table 4).

**Table 4: Number of rainy days\* in April and from the beginning of the season, compared with the average\*\***

|                    | Number of days* April 2025 | April average** | Number of days* from the beginning of the season | Seasonal average** |
|--------------------|----------------------------|-----------------|--|--------------------|
| Nahariyya          | 1                          | 3               | 35   | 51                 |
| En HaHoresh        | 1                          | 2               | 36   | 46                 |
| Hakfar Hayarok     | 2                          | 2               | 32   | 44                 |
| Bet Dagan          | 2                          | 2               | 36   | 42                 |
| Negba              | 0                          | 2               | 31   | 37                 |
| Be'eri             | 1                          | 1.5             | 25   | 33                 |
| Kefar Giladi       | 3                          | 4               | 33   | 53                 |
| Merom Golan Picman | 3                          | 4               | 33   | 52                 |
| Zefat Har Kenaan   | 2                          | 4               | 31   | 53                 |
| Afula Nir HaEmek   | 1                          | 3               | 28   | 43                 |
| Jerusalem Center   | 3                          | 2.5             | 27   | 40                 |
| Beit Jamal         | 3                          | 2               | 28   | 38                 |
| Rosh Zurim         | 3                          | 2.5             | 29   | 41                 |
| Dorot              | 1                          | 2               | 23   | 34                 |
| Beer Sheva         | 0                          | 1               | 20   | 25                 |
| Kefar Blum         | 2                          | 3               | 29   | 47                 |
| Ayelet HaShahar    | 3                          | 3               | 30   | 45                 |
| Zemah              | 1                          | 2.5             | 28   | 40                 |
| Sede Eliyyahu      | 1                          | 2               | 26   | 34                 |
| Sedom              | 0                          | 0.5             | 6  | 9                  |
| Eilat              | 0                          | 0.2             | 0  | 4                  |

\* Threshold of 1 mm

\*\* Average 1991–2020

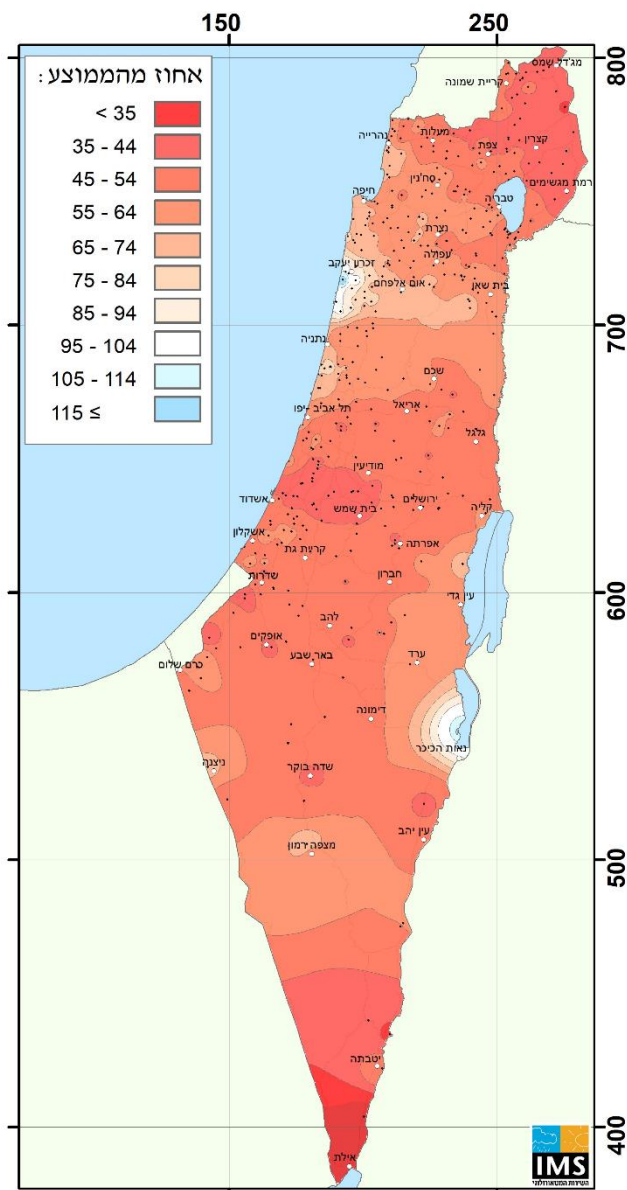
## Season-to-date Rainfall

The cumulative rainfall since the onset of the rainy season remains appreciably below the long-term mean for the corresponding interval across most of the country (see Maps 3 & 4 and Table 5).

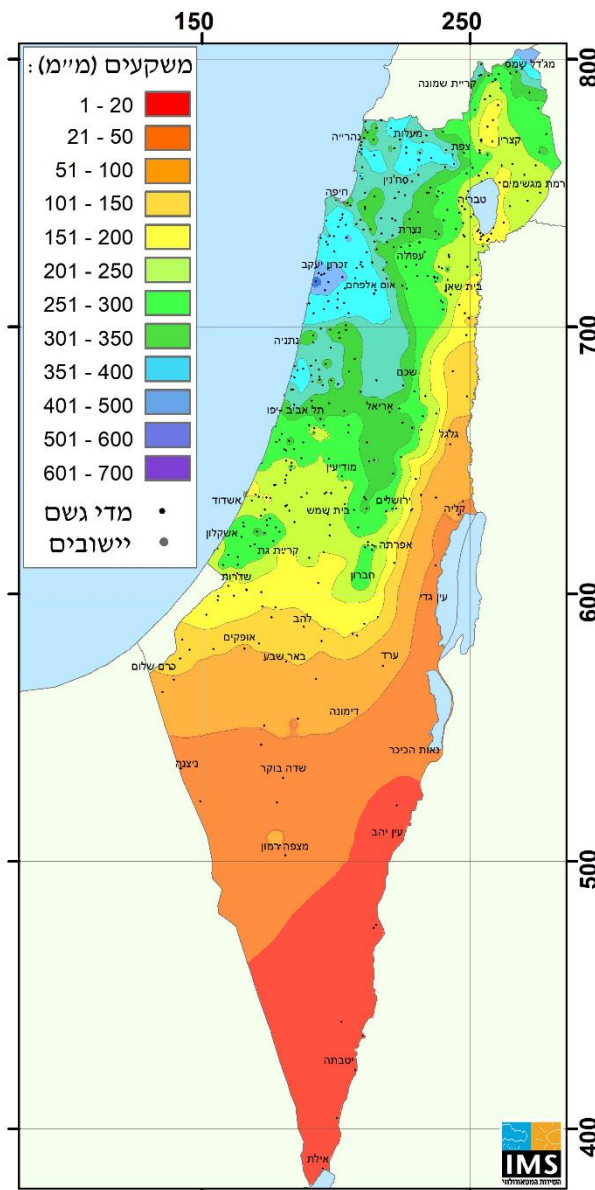
The deficit is especially pronounced in the north-eastern sector, the central highlands, the Judean Lowlands and the Negev. In the Upper Galilee, Hula Valley, Lake Kinneret basin, Judean Mountains and northern Negev only about 40%-50% of the climatological norm has fallen up to the end of April. The Golan Heights and the Rehovot and Ashdod corridor have collected merely 35 %-40 % of average rainfall.

Along the central and southern coastal plain, rain-gauges have registered about 40%-60% of typical totals, while the Lower Galilee, Jezreel Valley, Samaria and the northern coastal strip have logged roughly 50%-70% of their standard seasonal quota.

From Mount Carmel southward to northern Sharon the gauges have recorded approximately 70%-90% of normal precipitation, and in the Zikhron Ya'aqov-Hadera sector the accumulated amounts actually surpass the climatological mean.



Map 4: Rainfall percentage from the beginning of the season to the end of April 2025 compared with the multi-year average for the corresponding period (%)



Map 3: Rainfall totals from the beginning of the season to the end of April 2025 (mm)

**Table 5: Rainfall totals from the beginning of the season to date compared with the average\***

| <b>Station</b>     | <b>Accumulated rainfall from the beginning of the season through the end of April (mm)</b> | <b>Multi-year average* from September through the end of April (mm)</b> | <b>% of the average for the corresponding period</b> | <b>Multi-year average* for the entire season (mm)</b> | <b>% of the average for the entire season</b> |
|--------------------|--|---|--|---|---|
| Rosh Haniqra       | 361  | 599   | 60%  | 613   | 59%   |
| Nahariyya          | 362  | 606   | 60%  | 615   | 59%   |
| Evron              | 422  | 617   | 68%  | 626   | 67%   |
| Akko               | 380  | 578   | 66%  | 586   | 65%   |
| Haifa (Port)       | 375  | 558   | 67%  | 566   | 66%   |
| Haifa              | 489  | 664   | 74%  | 671   | 73%   |
| Yagur              | 383  | 702   | 55%  | 709   | 54%   |
| Daliat El          | 514  | 791   | 65%  | 796   | 65%   |
| En Hashofet        | 417  | 654   | 64%  | 661   | 63%   |
| Ma'ayan Zvi        | 605  | 597   | 101%   | 603   | 100%  |
| Zichron            | 514  | 568   | 90%  | 574   | 89%   |
| Amikam             | 507  | 629   | 81%  | 635   | 80%   |
| Gilad              | 483  | 647   | 75%  | 654   | 74%   |
| Nahal Taninim      | 683  | 527   | 130%   | 532   | 128%  |
| Binyamina          | 505  | 568   | 89%  | 573   | 88%   |
| En HaHoresh        | 367  | 572   | 64%  | 576   | 64%   |
| Ahituv             | 340  | 572   | 59%  | 577   | 59%   |
| Qadima             | 368  | 613   | 60%  | 618   | 60%   |
| Tel Yitzhak        | 502  | 567   | 88%  | 572   | 88%   |
| Kefar Hess         | 402  | 610   | 66%  | 615   | 65%   |
| Nir Eliyyahu       | 382  | 608   | 63%  | 614   | 62%   |
| Kefar              | 380  | 530   | 72%  | 534   | 71%   |
| Hakfar             | 362  | 554   | 65%  | 557   | 65%   |
| Nahshonim          | 252  | 548   | 46%  | 553   | 46%   |
| Kefar Ma'as        | 257  | 568   | 45%  | 572   | 45%   |
| Tel Aviv Coast     | 258  | 441   | 58%  | 443   | 58%   |
| Mikve Yisrael      | 264  | 519   | 51%  | 522   | 51%   |
| Bet Dagan          | 310  | 537   | 58%  | 541   | 57%   |
| Ben Gurion Airport | 267  | 537   | 50%  | 541   | 49%   |
| Rishon Lezion      | 285  | 508   | 56%  | 511   | 56%   |
| Nezer Sereni       | 276  | 578   | 48%  | 581   | 48%   |
| Rehovot            | 214  | 534   | 40%  | 536   | 40%   |
| Nir Galim          | 193  | 501   | 39%  | 504   | 38%   |
| Qevuzat            | 188  | 523   | 36%  | 526   | 36%   |
| Bet Tuvia          | 268  | 534   | 50%  | 538   | 50%   |
| Nizanim            | 261  | 501   | 52%  | 505   | 52%   |
| Negba              | 278  | 496   | 56%  | 500   | 56%   |
| Ashkelon           | 238  | 375   | 63%  | 380   | 63%   |
| Erez               | 210  | 438   | 48%  | 443   | 47%   |
| Yakhini            | 197  | 446   | 44%  | 451   | 44%   |
| Be'eri             | 167  | 356   | 47%  | 359   | 46%   |
| Magen              | 113  | 253   | 45%  | 255   | 44%   |
| Besor              | 114  | 214   | 53%  | 215   | 53%   |
| Nimrod             | 334  | 801   | 42%  | 816   | 41%   |
| Merom Golan Picman | 268  | 798   | 34%  | 811   | 33%   |
| Gamla              | 230  | 569   | 40%  | 578   | 40%   |
| Kefar Giladi       | 357  | 747   | 48%  | 757   | 47%   |
| Elon               | 442  | 788   | 56%  | 805   | 55%   |
| Kabri              | 330  | 657   | 50%  | 666   | 50%   |
| Meron              | 381  | 869   | 44%  | 881   | 43%   |

**Table 5 (continued): Rainfall totals from the beginning of the season up to today compared with the multi-year average\***

| <b>Station</b>        | <b>Accumulated rainfall from the beginning of the season through the end of April (mm)</b> | <b>Multi-year average* from September through the end of April (mm)</b> | <b>% of the average for the corresponding period</b> | <b>Multi-year average* for the entire season (mm)</b> | <b>% of the average for the entire season</b> |
|-----------------------|--|---|--|---|---|
| Zefat Har Kenaan      | 292  | 676   | 43%  | 688   | 42%   |
| Harashim              | 465  | 969   | 48%  | 988   | 47%   |
| Karmiel               | 432  | 675   | 64%  | 685   | 63%   |
| Eshhar                | 388  | 626   | 62%  | 635   | 61%   |
| Deir Hanna            | 323  | 605   | 53%  | 616   | 52%   |
| Yodfat                | 375  | 659   | 57%  | 668   | 56%   |
| Lavi                  | 273  | 502   | 55%  | 509   | 54%   |
| Alon HaGalil          | 373  | 583   | 64%  | 593   | 63%   |
| Nazareth              | 338  | 582   | 58%  | 592   | 57%   |
| Newe Ya'ar            | 362  | 577   | 63%  | 584   | 62%   |
| Afula Nir             | 281  | 446   | 63%  | 450   | 62%   |
| Nir David             | 237  | 382   | 62%  | 388   | 61%   |
| Banias                | 300  | 678   | 44%  | 690   | 43%   |
| Dafna                 | 260  | 605   | 43%  | 615   | 42%   |
| Kefar Blum            | 219  | 500   | 44%  | 507   | 43%   |
| Ayelet                | 192  | 478   | 40%  | 473   | 41%   |
| Ginosar               | 234  | 439   | 53%  | 447   | 52%   |
| Zemah                 | 193  | 378   | 51%  | 384   | 50%   |
| Sede                  | 160  | 273   | 59%  | 278   | 57%   |
| Ma'ale                | 261  | 395   | 66%  | 402   | 65%   |
| Kedumim               | 365  | 636   | 57%  | 642   | 57%   |
| Har Bracha            | 355  | 618   | 57%  | 627   | 57%   |
| Qarne                 | 352  | 629   | 56%  | 636   | 55%   |
| Itamar                | 215  | 432   | 50%  | 437   | 49%   |
| Eli                   | 318  | 627   | 51%  | 631   | 50%   |
| Shilo                 | 316  | 517   | 61%  | 522   | 60%   |
| Talmon                | 309  | 641   | 48%  | 648   | 48%   |
| Har Harasha           | 351  | 659   | 53%  | 668   | 53%   |
| Psagot                | 324  | 686   | 47%  | 694   | 47%   |
| Mevo Horon            | 231  | 544   | 42%  | 549   | 42%   |
| Latrun                | 228  | 512   | 45%  | 519   | 44%   |
| Zova                  | 308  | 650   | 47%  | 656   | 47%   |
| Jerusalem             | 255  | 515   | 49%  | 522   | 49%   |
| Ma'ale                | 149  | 272   | 55%  | 276   | 54%   |
| Beit Jamal            | 220  | 499   | 44%  | 506   | 44%   |
| Tzur                  | 283  | 629   | 45%  | 636   | 45%   |
| Rosh Zurim            | 227  | 550   | 41%  | 558   | 41%   |
| Arad                  | 80   | 131   | 61%  | 135   | 59%   |
| Beer Sheva            | 98   | 189   | 52%  | 192   | 51%   |
| Sede Boqer            | 36   | 85  | 42%  | 87  | 41%   |
| Mizpe                 | 43   | 69  | 62%  | 70  | 60%   |
| Neot                  | 10   | 29  | 35%  | 30  | 33%   |
| Gilgal                | 88   | 169   | 52%  | 171   | 51%   |
| Sedom                 | 40   | 37  | 108%   | 39  | 102%  |
| Hazeva                | 17   | 38  | 44%  | 39  | 43%   |
| Paran                 | 16   | 32  | 49%  | 34  | 47%   |
| Yotvata               | 13   | 25  | 51%  | 27  | 49%   |
| Timna (Ramon Airport) | 5  | 24  | 20%  | 25  | 19%   |
| Eilat                 | 1  | 21  | 6%   | 22  | 5%  |



## Anomaly of the Rainfall Deficit since the Beginning of the Season

As already evident in the preceding months, the shortage of rainfall is particularly pronounced in northern Israel-the eastern Upper Galilee, the Hula Valley, and the Golan Heights. A comparison with the historical record of cumulative precipitation from the start of the season to the end of April reveals that, since observations commenced more than 70 years ago, the rainfall shortfall in this sector is unprecedented—or virtually so (Table 6).

A similarly unmatched deficit is observed in the Ashdod-Yavne area. In other parts of northern Israel only one or two seasons have displayed a comparable or more acute scarcity - most notably 2013/14, and occasionally 1998/99 or 1950/51. Along the central coastal plain, only the 1998/99 season registered drier conditions.

Elsewhere in the country the current rainfall deficit remains exceptional, though less extreme, with roughly three to five seasons recording lower totals.

**Table 6: Rainfall Totals from the Start of the Season Compared with the Past**

| Station          | Rainfall amount (mm) from the start of the season up to today | Number of seasons in which the totals since the start of the season were similar or lower | Year when measurements began |
|------------------|---|---|------------------------------|
| Nahariyya        | 362   | 3 (most recently 2015/16)   | 1938                         |
| Akko             | 380   | 5 (most recently 2015/16)   | 1925                         |
| Haifa (Port)     | 375   | <b>More than 5</b> (most recently 2015/16)  | 1953                         |
| Yagur            | 383   | 1 (2013/14)   | 1929                         |
| Kefar Hess       | 402   | 4 (most recently 2007/08)   | 1953                         |
| Gilad            | 482   | <b>More than 10</b> (most recently 2022/23)   | 1953                         |
| En HaHoresh      | 367   | 4 (most recently 2013/14)   | 1937                         |
| Mikve Yisrael    | 264   | 1 (1998/99)   | 1945                         |
| Bet Dagan        | 310   | 1 (1998/99)   | 1962                         |
| Qevuzat Yavne    | 188   | <b>None</b>   | 1941                         |
| Negba            | 278   | 4 (most recently 2016/17)   | 1940                         |
| Kefar Giladi     | 357   | 2 (2013/14, 1950/51)  | 1922                         |
| Merom Golan      | 268   | None  | 1977                         |
| Elon             | 442   | 1 (1978/79)   | 1940                         |
| Zefat Har Kenaan | 292   | None  | 1940                         |
| Yehiam           | 370   | None  | 1949                         |

**Table 6 (Cont.): Rainfall Totals from the Start of the Season Compared with the Past**

| Station         | Rainfall amount (mm) from the beginning of the season to date | Number of seasons in which the amounts from the beginning of the season were comparable or lower | Year measurements began |
|-----------------|---|--|-------------------------|
| Lavi            | 273   | 1 (2013/14)  | 1950                    |
| Nir David       | 237   | 8 (most recently 2016/17)  | 1940                    |
| Kefar Blum      | 216   | None   | 1945                    |
| Ginosar         | 234   | 2 (1978/79, 1950/51)   | 1941                    |
| Zemah / Degania | 192   | None   | 1917                    |
| Jerusalem       | 255   | 5 (most recently 1998/99)  | 1861                    |
| Beit Jamal      | 220   | 3 (most recently 1998/99)  | 1920                    |
| Beer Sheva      | 98  | 4 (most recently 1998/99)  | 1921                    |
| Sede Boqer      | 36  | 4 (most recently 2023/24)  | 1952                    |