

# August 2026

**Final** Issued 2026-10-11 · Baseline 1991-2020 · next update 2026-10-12

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## 1 Key messages and climate synopsis

- National mean temperature of 27.3 °C (+1.7 °C relative to 1991–2020): the 2nd warmest August in the 1979–2026 series.
- National precipitation of 89.6 mm, 62% of normal: the driest August in the 1981–2026 series.
- The highest maximum temperature at GHCN stations was 41.6 °C at Choix, Sin. on 22 August.
- The largest 24-hour rainfall at GHCN stations was 138.3 mm at Hacienda Ylang Ylang Veracruz, Ver. on 18 August.
- 22 station records were broken (stations with at least 20 years of data).
- Maximum temperature exceeded its 90th percentile on 61% of days (national mean; 10% expected).
- Heat waves of national extent: 2; cold waves: 0.
- 1 tropical cyclones passed within 300 km of the country, none making landfall.
- 29% of the country was in drought by SPI-3 (Jun–Aug 2026), mainly in Chiapas, Guerrero and Tabasco.
- El Niño conditions of strong intensity in the equatorial Pacific (ONI JJA 2026: +1.8 °C).

Source: NOAA CPC / PSL, UCSB Climate Hazards Center

Mean temperature

**27.3 °C**

+1.7 °C vs. normal (normal 25.7)

Well above normal

2nd warmest of 48 (1979–2026)

Maximum temperature

**34.1 °C**

+3.2 °C vs. normal (normal 30.9)

Extremely above normal

1st warmest of 48 (1979–2026)

Minimum temperature

**20.6 °C**

+0.1 °C vs. normal (normal 20.4)

Normal

16th warmest of 48 (1979–2026) (tied with 2004, 2009, 2015)

Precipitation

**89.6 mm**

62% of normal (normal 144.2)

Below normal

1st driest of 46 (1981–2026)

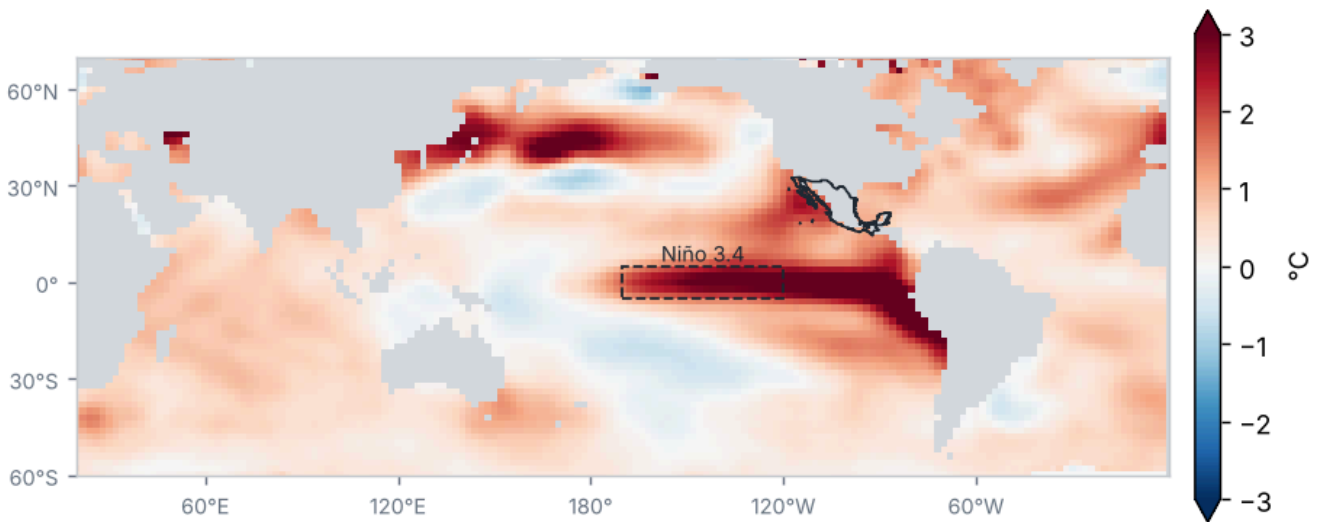
Station records

**22**

Source: NOAA CPC / PSL, UCSB Climate Hazards Center

## 2 Global and regional climate drivers

### Sea-surface temperature anomaly, August 2026 (°C, 1991–2020)



Source: NOAA NCEI / PSL

### Sea-surface temperature anomaly in the Niño regions (°C)

| Region   | Anomaly (°C) | Change from preceding period (°C) |
|----------|--------------|-----------------------------------|
| Niño 1+2 | 4.1          | 0.5                               |
| Niño 3   | 3.1          | 0.8                               |
| Niño 3.4 | 2.5          | 0.5                               |

| Region | Anomaly (°C) | Change from preceding period (°C) |
|--------|--------------|-----------------------------------|
| Niño 4 | 0.9          | -0.1                              |

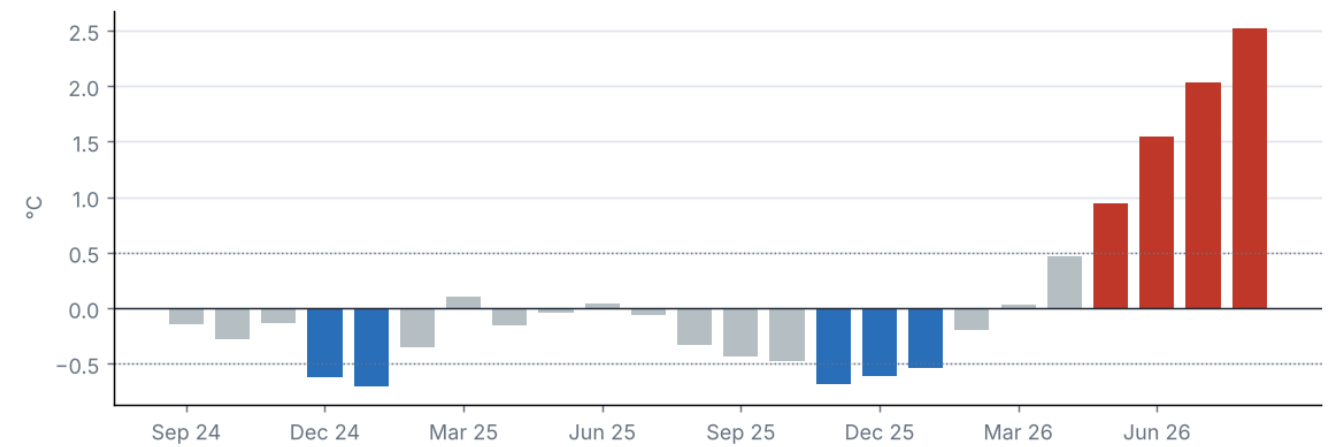
Mean of the months in the period (OISST v2.1)

Source: NOAA CPC

El Niño conditions of strong intensity: the Oceanic Niño Index (ONI) for JJA 2026 was +1.8 °C.

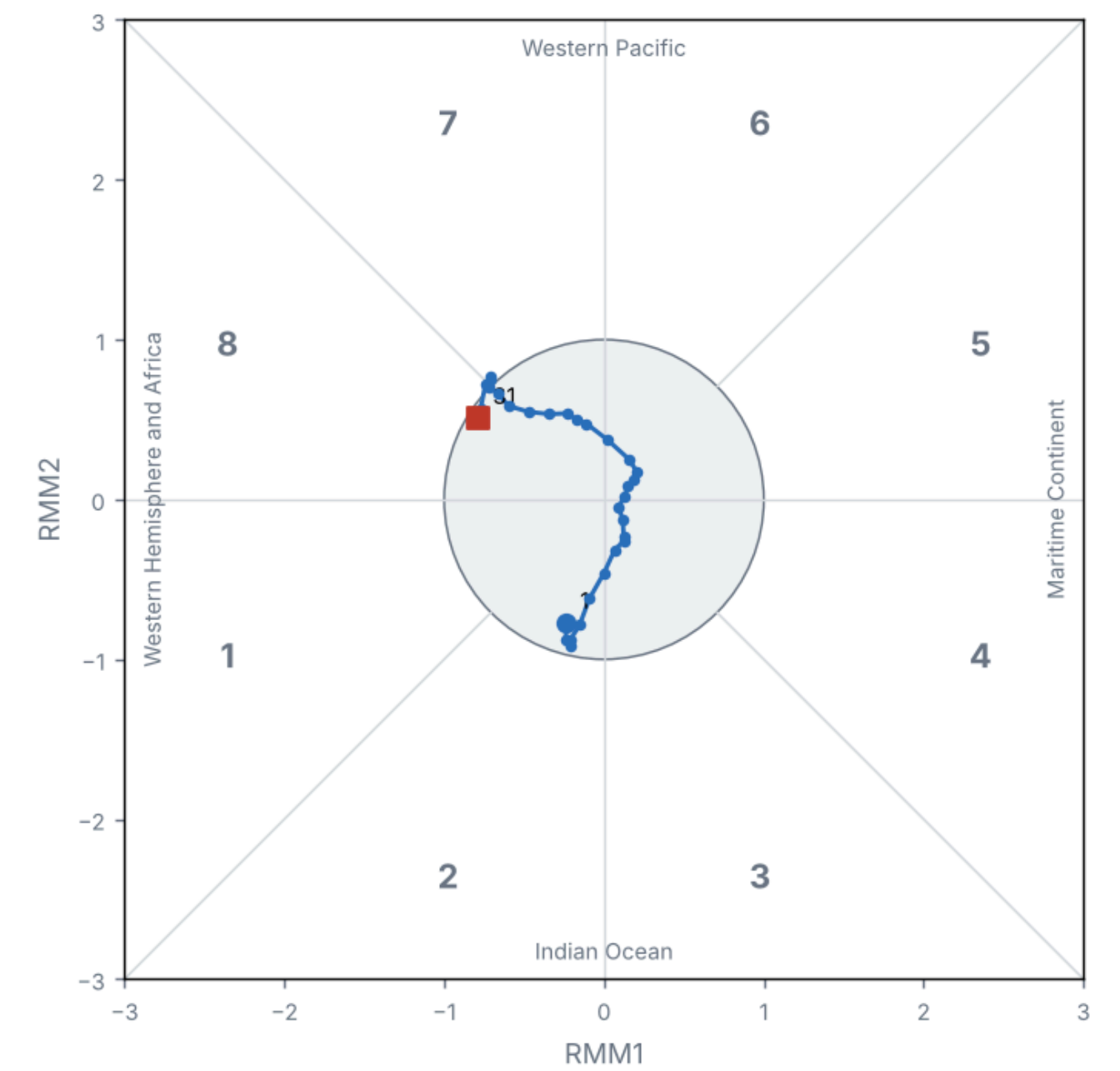
Source: NOAA CPC

Monthly Niño 3.4 anomaly, last 24 months (°C)



Source: NOAA CPC

MJO phase diagram (real-time OMI)



Source: NOAA PSL

Teleconnection indices

| Index | Value | Phase    |
|-------|-------|----------|
| PDO   | -1.9  | Negative |
| NAO   | -1.9  | Negative |

Pacific Decadal Oscillation (PDO); North Atlantic Oscillation (NAO).

Source: NOAA CPC, NOAA NCEI

The Niño 3.4 anomaly was +2.52 °C (+0.49 °C relative to the preceding period).

The MJO was active on 4 of 31 days, most often in phase 7 (Western Pacific); mean amplitude 0.6.

Other indices: PDO -1.89 (negative phase); NAO -1.92 (negative phase).

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### 3 Precipitation

National precipitation

**89.6** mm

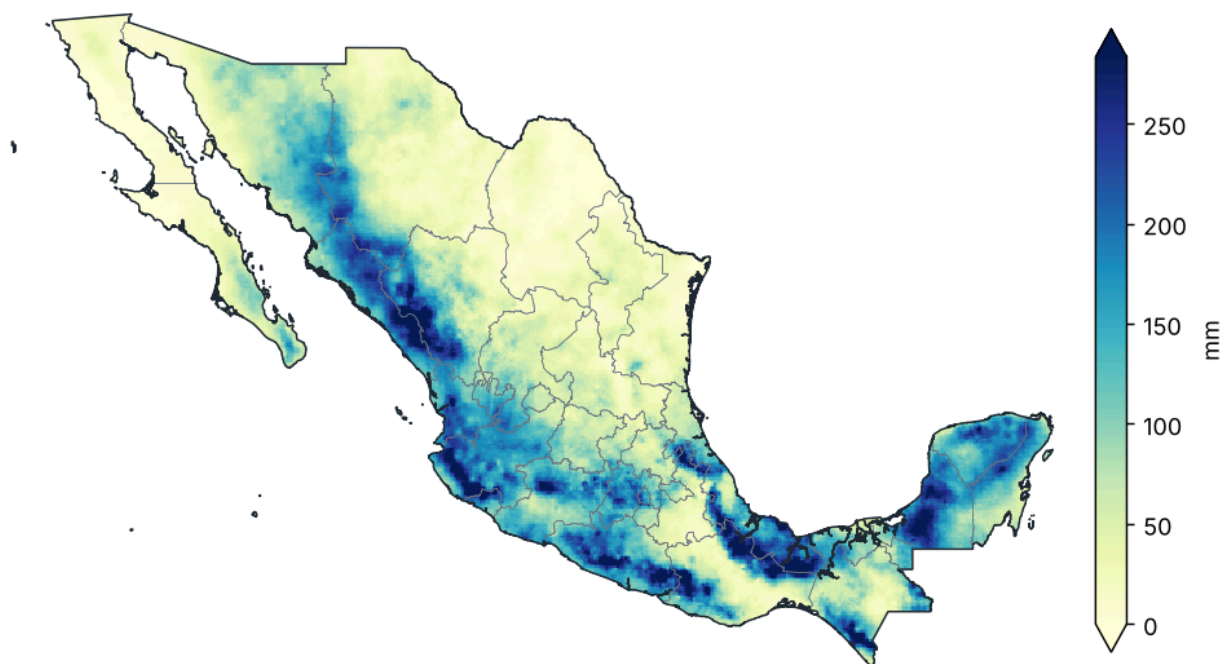
62% of normal (normal  
144.2)

Below normal

1st driest of 46 (1981–2026)

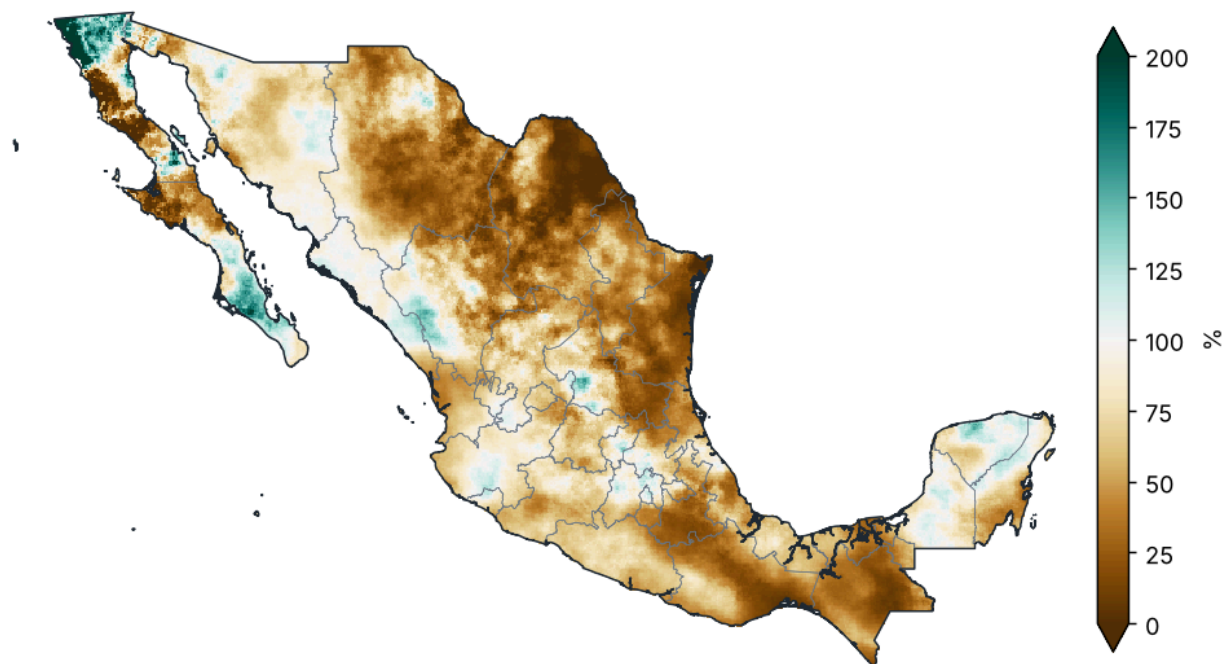
Source: UCSB Climate Hazards Center

#### Accumulated precipitation



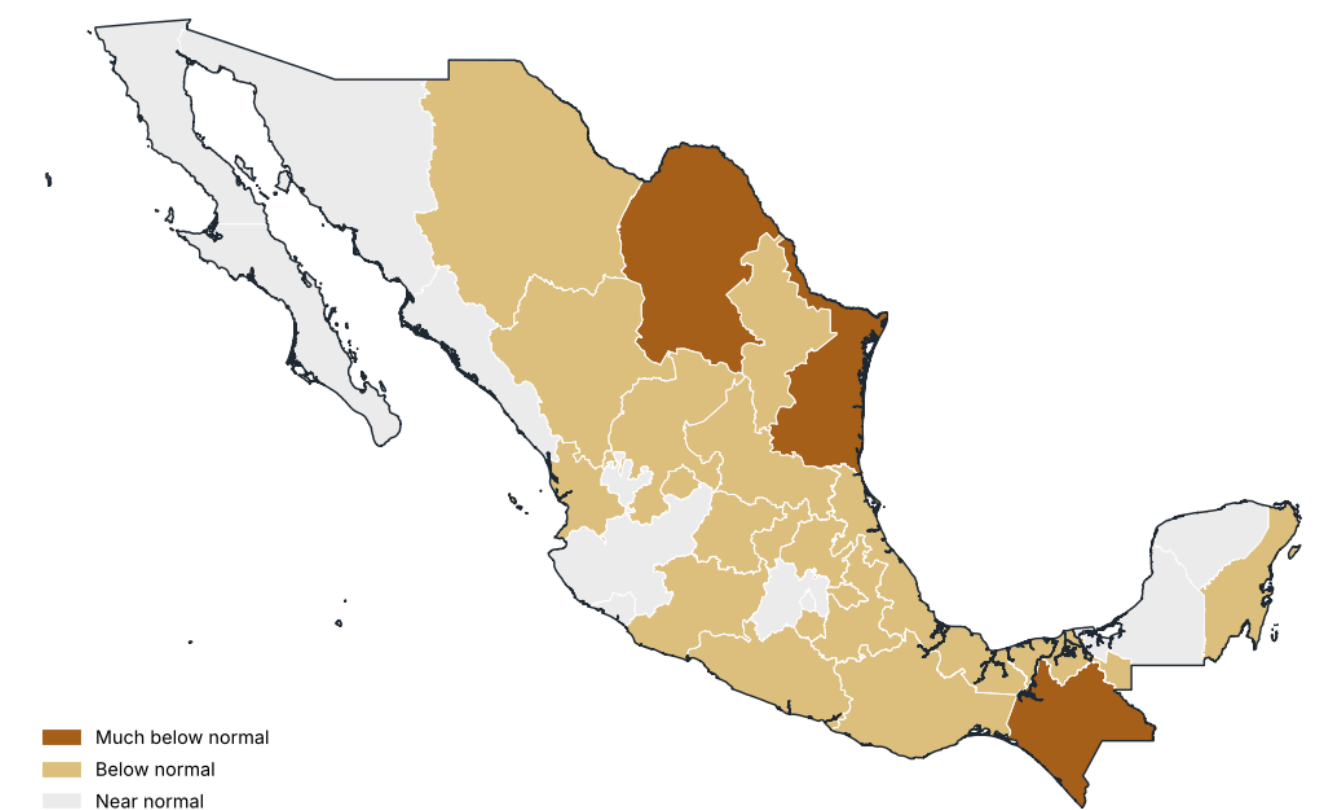
Source: UCSB Climate Hazards Center

## Percent of normal precipitation (1991–2020)



Source: UCSB Climate Hazards Center

Percent of normal by state



Source: UCSB Climate Hazards Center

Precipitation by region

| Region            | Total (mm) | Normal (mm) | Difference (%) | Category          |
|-------------------|------------|-------------|----------------|-------------------|
| Northwest         | 76.6       | 84.5        | -9.4           | Near normal       |
| North             | 56.0       | 96.5        | -41.9          | Below normal      |
| Northeast         | 24.5       | 76.5        | -67.9          | Much below normal |
| North-central     | 54.7       | 90.8        | -39.8          | Below normal      |
| West-central      | 145.7      | 207.1       | -29.6          | Below normal      |
| Central           | 96.4       | 160.0       | -39.8          | Below normal      |
| South             | 129.6      | 288.8       | -55.1          | Below normal      |
| East              | 147.4      | 265.7       | -44.5          | Below normal      |
| Yucatán Peninsula | 157.7      | 182.0       | -13.4          | Near normal       |

Source: UCSB Climate Hazards Center

Stations with the largest precipitation excess

| Region    | State               | Station       | Altitude (m) | Anomaly (%) |
|-----------|---------------------|---------------|--------------|-------------|
| Northwest | Baja California Sur | La Paz (City) | 18.0         | 241.5       |
| East      | Veracruz            | Jalapa        | 1389.0       | 45.8        |
| North     | Durango             | Durango       | 1872.0       | 42.3        |
| South     | Chiapas             | Comitan       | 1646.0       | 21.6        |
| North     | Coahuila            | Saltillo      | 1790.0       | 20.2        |
| Northeast | Tamaulipas          | Tampico       | 25.0         | 9.0         |

| Region  | State            | Station                       | Altitude (m) | Anomaly (%) |
|---------|------------------|-------------------------------|--------------|-------------|
| Central | Estado de México | Toluca (Obs)                  | 2726.0       | 1.8         |
| Central | Tlaxcala         | Tlaxcala De Xicontecatl (Dge) | 2230.0       | 1.0         |

Source: NOAA NCEI

Stations with the largest precipitation deficit

| Region            | State           | Station                | Altitude (m) | Anomaly (%) |
|-------------------|-----------------|------------------------|--------------|-------------|
| Northwest         | Baja California | Ejido Nuevo Leon (Obs) | 11.0         | -100.0      |
| Yucatán Peninsula | Yucatán         | Progreso               | 2.0          | -86.6       |
| South             | Chiapas         | Francisco Sarabia      | 1052.0       | -57.0       |
| North             | Chihuahua       | Temosachi (Obs)        | 1932.0       | -53.9       |
| Northeast         | Tamaulipas      | Ciudad Victoria        | 355.0        | -27.1       |

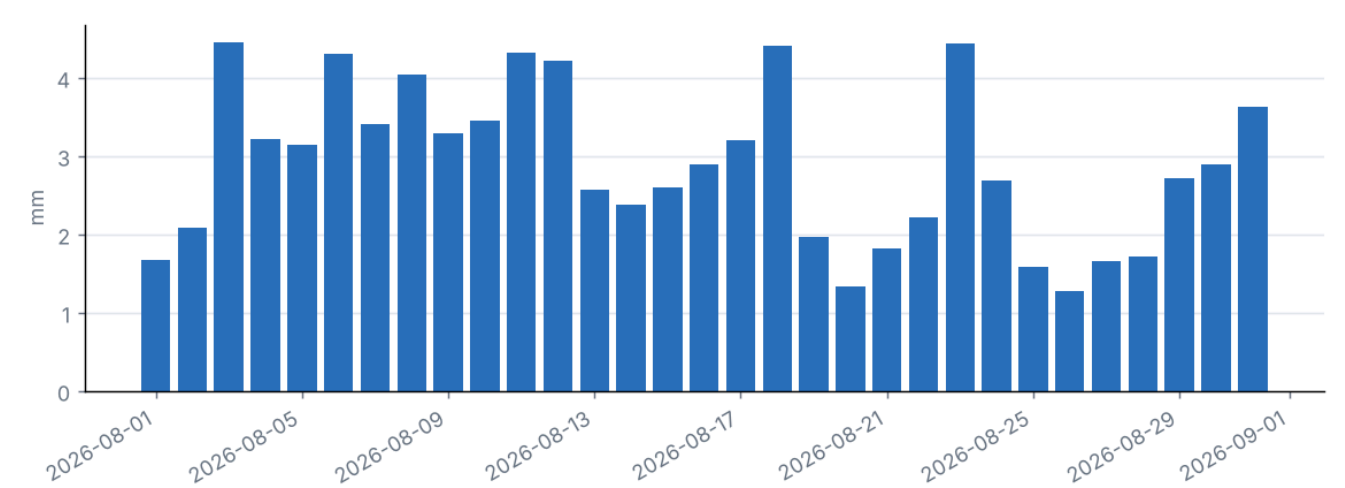
Source: NOAA NCEI

Largest 24-hour rainfall at stations

| Station                       | State            | Max 24 h rainfall (mm) | Date       |
|-------------------------------|------------------|------------------------|------------|
| Hacienda Ylang Ylang Veracruz | Veracruz         | 138.3                  | 2026-08-18 |
| Villahermosa                  | Tabasco          | 88.5                   | 2026-08-18 |
| Orizaba                       | Veracruz         | 84.4                   | 2026-08-18 |
| Coatzacoalcos                 | Veracruz         | 78.1                   | 2026-08-18 |
| Jalapa                        | Veracruz         | 70.0                   | 2026-08-18 |
| Sn. Cristobal Las Casas       | Chiapas          | 65.3                   | 2026-08-04 |
| Zamora                        | Michoacán        | 63.0                   | 2026-08-05 |
| Chilpancingo Ro.              | Guerrero         | 59.4                   | 2026-08-02 |
| Mexico City                   | Ciudad de México | 54.7                   | 2026-08-18 |
| Tuxpan.Ver.                   | Veracruz         | 53.8                   | 2026-08-24 |

Source: NOAA NCEI

Daily national mean precipitation



Source: UCSB Climate Hazards Center

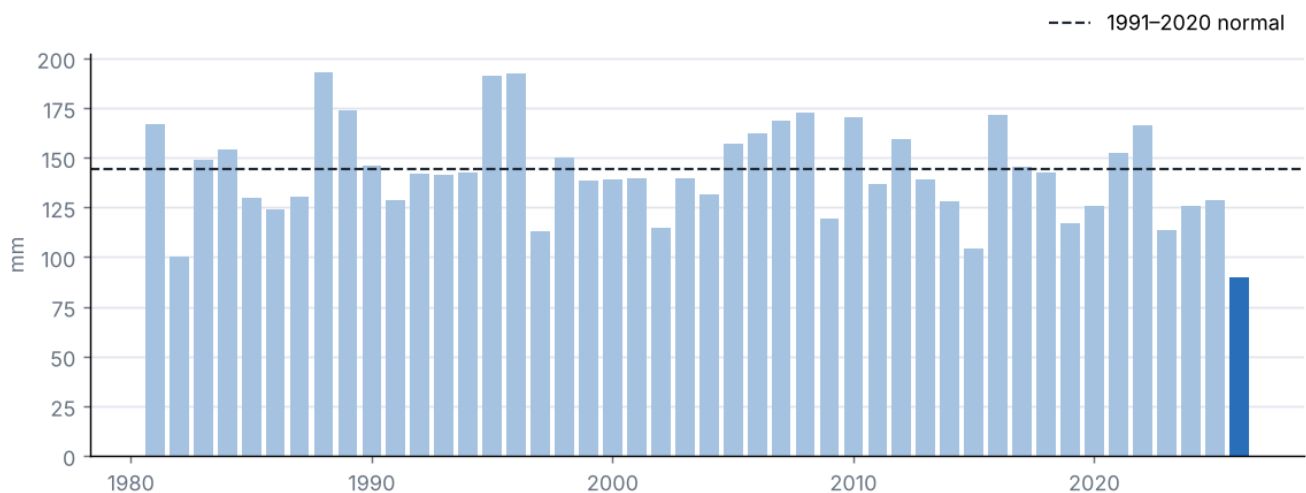
Daily national mean and grid-cell maximum

| Day        | National mean (mm) | Grid maximum (mm) | State     |
|------------|--------------------|-------------------|-----------|
| 2026-08-01 | 1.7                | 34.8              | Chihuahua |

| Day        | National mean (mm) | Grid maximum (mm) | State     |
|------------|--------------------|-------------------|-----------|
| 2026-08-02 | 2.1                | 34.4              | Zacatecas |
| 2026-08-03 | 4.5                | 62.0              | Sinaloa   |
| 2026-08-04 | 3.2                | 47.5              | Chihuahua |
| 2026-08-05 | 3.1                | 40.7              | Chiapas   |
| 2026-08-06 | 4.3                | 51.0              | Campeche  |
| 2026-08-07 | 3.4                | 72.7              | Oaxaca    |
| 2026-08-08 | 4.0                | 66.7              | Durango   |
| 2026-08-09 | 3.3                | 44.5              | Oaxaca    |
| 2026-08-10 | 3.4                | 54.6              | Campeche  |
| 2026-08-11 | 4.3                | 57.6              | Colima    |
| 2026-08-12 | 4.2                | 49.2              | Campeche  |
| 2026-08-13 | 2.6                | 43.4              | Oaxaca    |
| 2026-08-14 | 2.4                | 40.4              | Puebla    |
| 2026-08-15 | 2.6                | 37.6              | Oaxaca    |
| 2026-08-16 | 2.9                | 94.7              | Oaxaca    |
| 2026-08-17 | 3.2                | 46.1              | Yucatán   |
| 2026-08-18 | 4.4                | 61.9              | Campeche  |
| 2026-08-19 | 2.0                | 57.8              | Veracruz  |
| 2026-08-20 | 1.3                | 42.7              | Jalisco   |
| 2026-08-21 | 1.8                | 55.8              | Guerrero  |
| 2026-08-22 | 2.2                | 53.5              | Colima    |
| 2026-08-23 | 4.4                | 86.3              | Veracruz  |
| 2026-08-24 | 2.7                | 45.0              | Oaxaca    |
| 2026-08-25 | 1.6                | 22.3              | Querétaro |
| 2026-08-26 | 1.3                | 33.8              | Chiapas   |
| 2026-08-27 | 1.7                | 41.4              | Veracruz  |
| 2026-08-28 | 1.7                | 54.8              | Veracruz  |
| 2026-08-29 | 2.7                | 48.7              | Guerrero  |
| 2026-08-30 | 2.9                | 42.6              | Campeche  |
| 2026-08-31 | 3.6                | 60.7              | Jalisco   |

Source: UCSB Climate Hazards Center

## National precipitation in August of each year



Source: UCSB Climate Hazards Center

National accumulated precipitation was 89.6 mm, 62% of the 1991–2020 average (144.2 mm), category “Below normal”. It was the driest August in the 1981–2026 series.

The region with the highest percentage of normal was Northwest (91%) and the lowest was Northeast (32%).

The largest daily grid-cell total was estimated on 16 August in Oaxaca (94.7 mm).

Source: UCSB Climate Hazards Center

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## 4 Temperature

Mean temperature

**27.3** °C

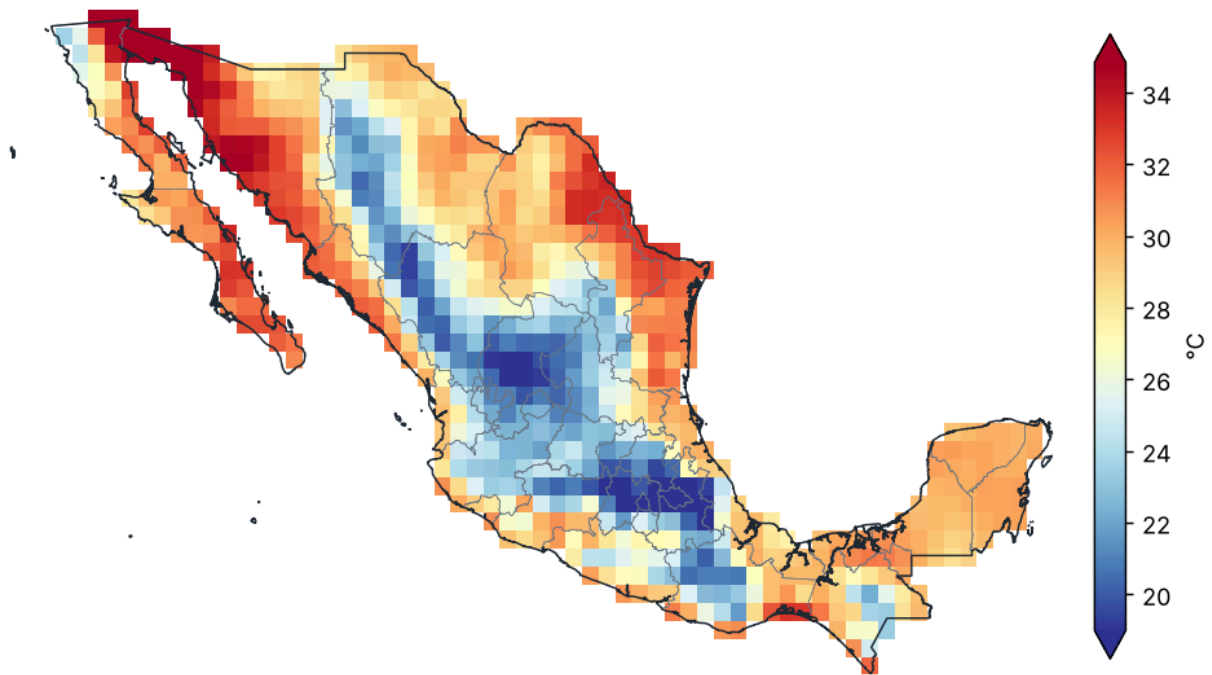
+1.7 °C vs. normal (normal  
25.7)

Well above normal

2nd warmest of 48 (1979–  
2026)

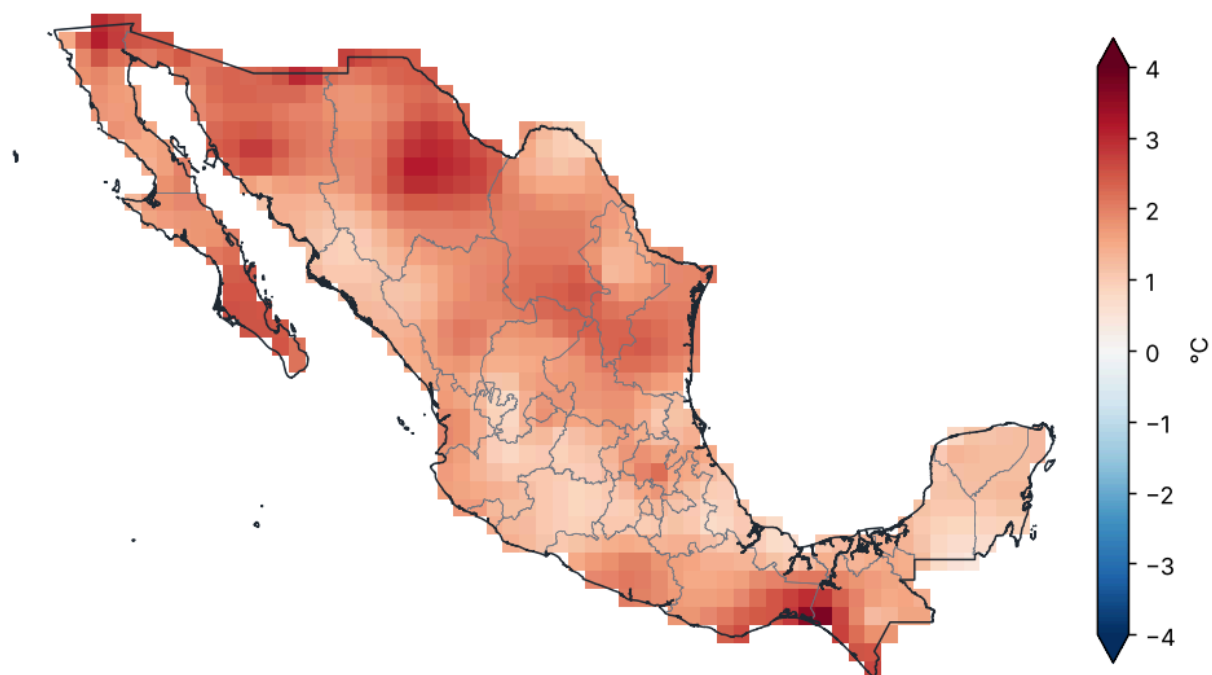
Source: NOAA CPC / PSL

## Mean temperature



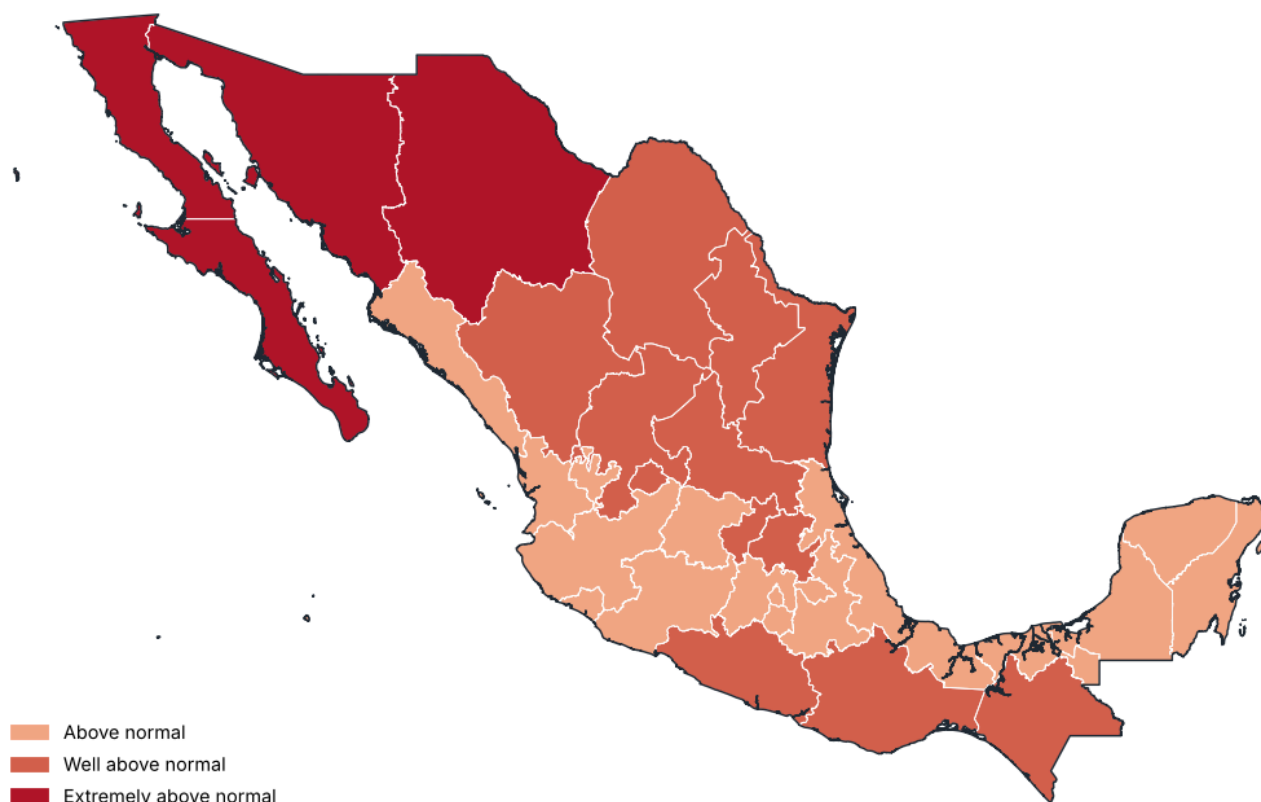
Source: NOAA CPC / PSL

## Mean temperature anomaly (1991–2020)



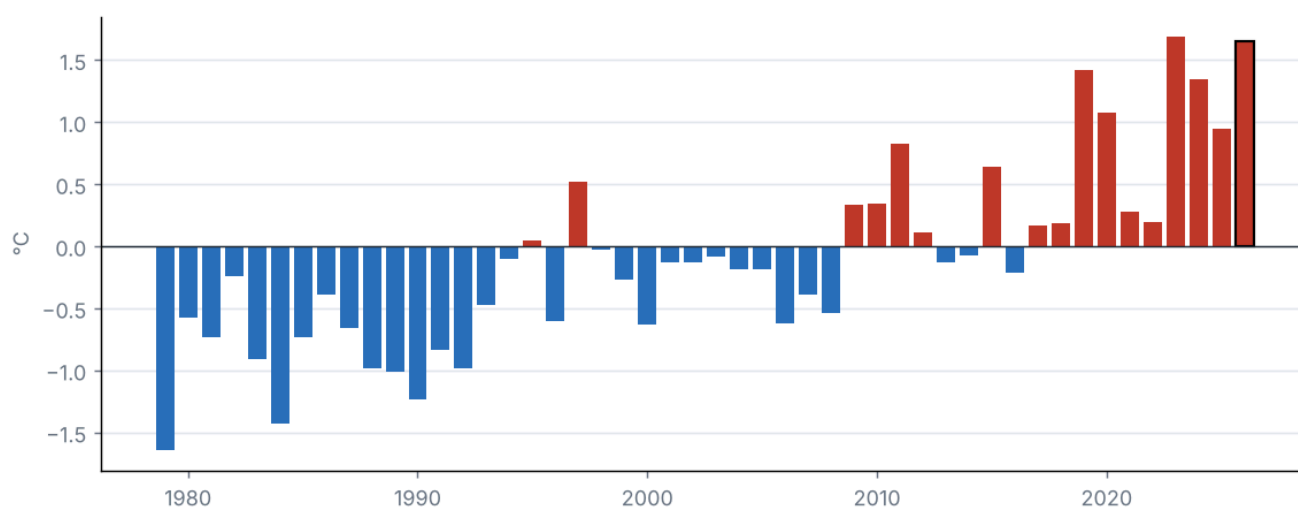
Source: NOAA CPC / PSL

## Mean temperature anomaly by state



Source: NOAA CPC / PSL

## National mean temperature anomaly in August of each year



Source: NOAA CPC / PSL

The national mean temperature was 27.3 °C, 1.7 °C above the 1991–2020 average (25.7 °C), category “Well above normal”. It was the 2nd warmest August in the 1979–2026 series.

By region, the largest anomaly was in North (+2.0 °C) and the smallest in Yucatán Peninsula (+1.1 °C).

Source: NOAA CPC / PSL

Maximum temperature

**34.1 °C**

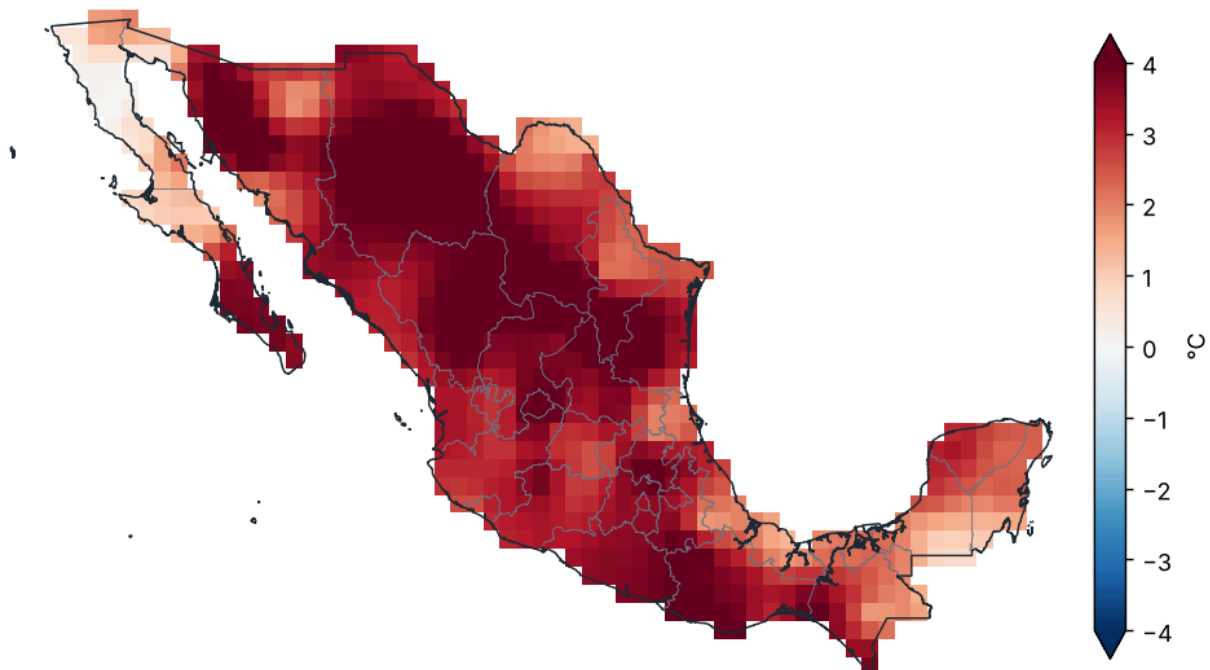
+3.2 °C vs. normal (normal  
30.9)

Extremely above normal

1st warmest of 48 (1979–  
2026)

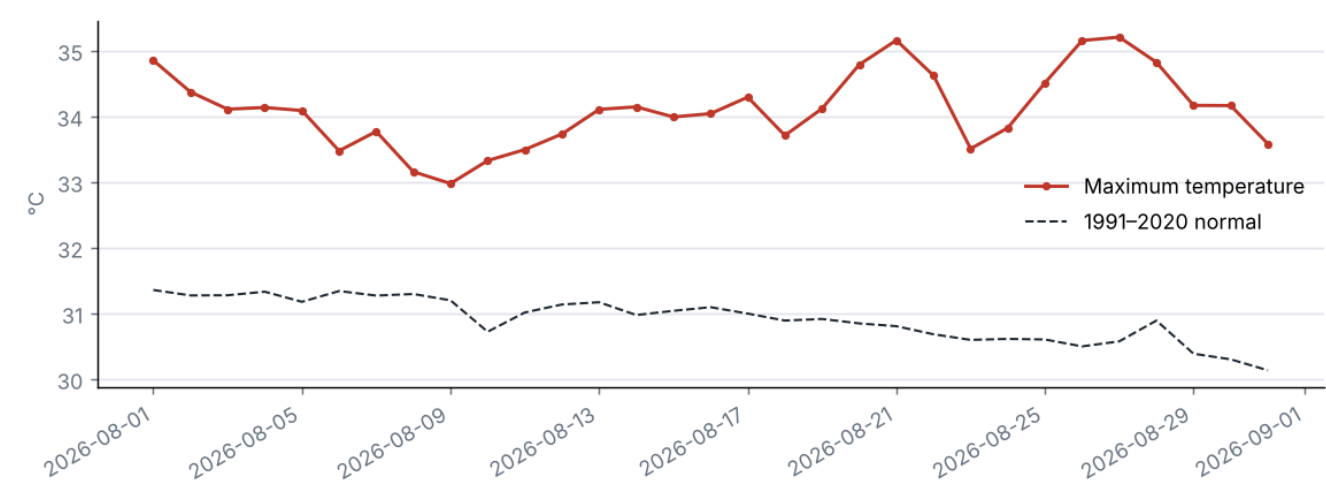
Source: NOAA CPC / PSL

## Maximum temperature anomaly (1991–2020)



Source: NOAA CPC / PSL

## Daily national maximum temperature



Source: NOAA CPC / PSL

The national maximum temperature was 34.1 °C, 3.2 °C above the 1991–2020 average (30.9 °C), category “Extremely above normal”. It was the warmest August in the 1979–2026 series.

By region, the largest anomaly was in North (+3.9 °C) and the smallest in Yucatán Peninsula (+2.2 °C).

Source: NOAA CPC / PSL

Minimum temperature

**20.6 °C**

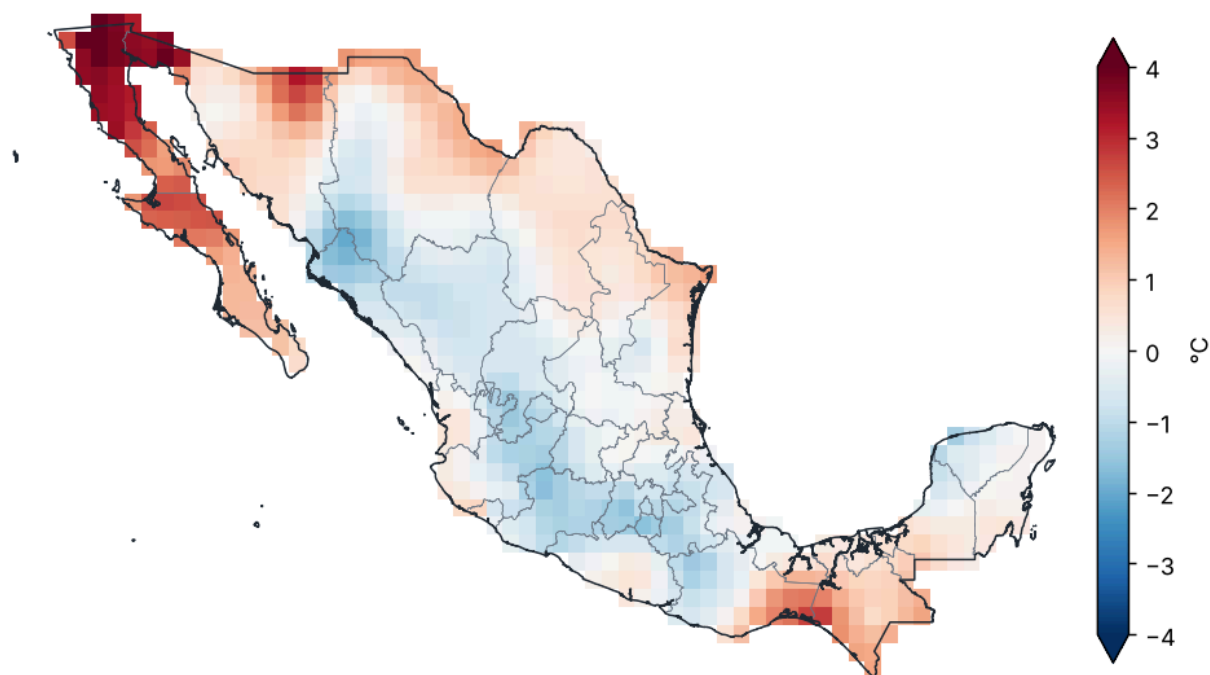
+0.1 °C vs. normal (normal 20.4)

Normal

16th warmest of 48 (1979–2026) (tied with 2004, 2009, 2015)

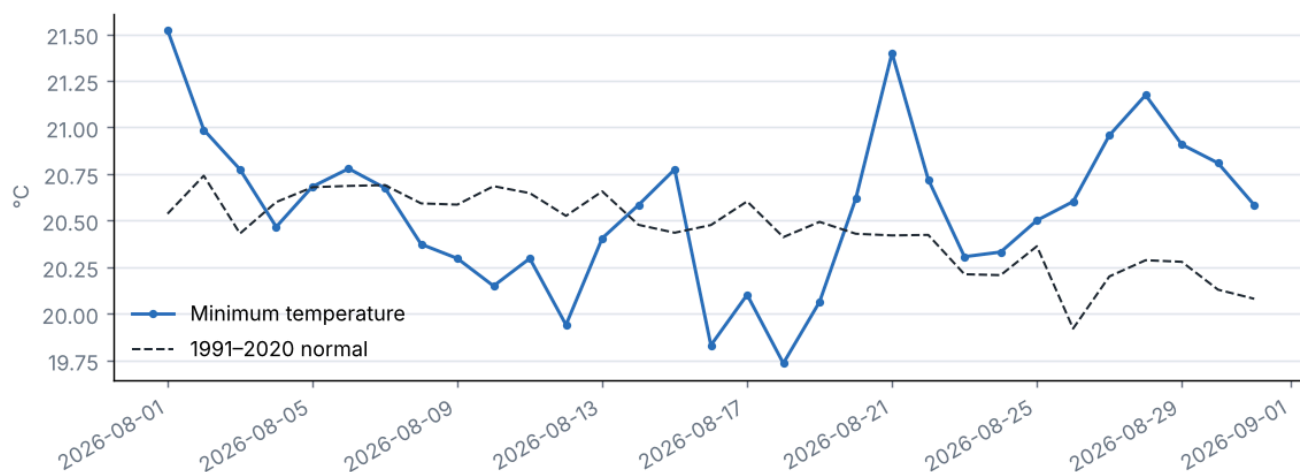
Source: NOAA CPC / PSL

## Minimum temperature anomaly (1991–2020)



Source: NOAA CPC / PSL

## Daily national minimum temperature



Source: NOAA CPC / PSL

The national minimum temperature was 20.6 °C, 0.1 °C above the 1991–2020 average (20.4 °C), category "Normal". It was the 16th warmest August in the 1979–2026 series (tied with 2004, 2009, 2015).

By region, the largest anomaly was in Northwest (+1.2 °C) and the smallest in Central (−0.7 °C).

## 5 Climate extremes and records

Highest maximum temperature

41.6 °C

Choix, Sin. · 2026-08-22

Lowest minimum temperature

10.5 °C

Comitan, Chis. · 2026-08-27

Highest 24 h rainfall

138.3 mm

Hacienda Ylang Ylang  
Veracruz, Ver. · 2026-08-18

Source: NOAA NCEI

### Highest maximum temperature by state

| State           | Station                       | Temperature (°C) | Date       |
|-----------------|-------------------------------|------------------|------------|
| Chiapas         | Comitan                       | 35.2             | 2026-08-19 |
| Chihuahua       | Temosachi (Obs)               | 34.2             | 2026-08-28 |
| Colima          | Manzanillo                    | 38.2             | 2026-08-13 |
| Durango         | Durango                       | 40.2             | 2026-08-16 |
| Jalisco         | Ciudad Guzman                 | 37.2             | 2026-08-23 |
| Michoacán       | Zamora                        | 38.1             | 2026-08-07 |
| Oaxaca          | Oaxaca                        | 39.0             | 2026-08-08 |
| San Luis Potosí | Rio Verde                     | 40.4             | 2026-08-16 |
| Sinaloa         | Choix                         | 41.6             | 2026-08-22 |
| Sonora          | Puerto Penasco                | 38.2             | 2026-08-08 |
| Tamaulipas      | Tampico                       | 39.4             | 2026-08-13 |
| Tlaxcala        | Tlaxcala De Xicontecatl (Dge) | 33.5             | 2026-08-12 |
| Veracruz        | Tuxpan.Ver.                   | 38.9             | 2026-08-21 |

Source: NOAA NCEI

### Lowest minimum temperature by state

| State               | Station                 | Temperature (°C) | Date       |
|---------------------|-------------------------|------------------|------------|
| Baja California Sur | La Paz (City)           | 20.6             | 2026-08-10 |
| Chiapas             | Comitan                 | 10.5             | 2026-08-27 |
| Colima              | Manzanillo              | 19.8             | 2026-08-28 |
| Guerrero            | Chilpancingo Ro.        | 13.3             | 2026-08-31 |
| Jalisco             | Ciudad Guzman           | 12.8             | 2026-08-09 |
| Michoacán           | Zamora                  | 11.6             | 2026-08-12 |
| Oaxaca              | Huajuapán De León (Dge) | 12.4             | 2026-08-08 |
| Sinaloa             | Colonia Juan Carras     | 17.1             | 2026-08-07 |
| Sonora              | Puerto Penasco          | 29.0             | 2026-08-06 |
| Tamaulipas          | Ciudad Victoria         | 16.6             | 2026-08-14 |
| Veracruz            | Jalapa                  | 11.8             | 2026-08-28 |
| Yucatán             | Valladolid              | 22.3             | 2026-08-08 |

Source: NOAA NCEI

Station records broken

| Station                       | State      | Variable                    | New value | Date       | Previous record | Previous date |
|-------------------------------|------------|-----------------------------|-----------|------------|-----------------|---------------|
| Durango                       | Durango    | Highest maximum temperature | 40.2      | 2026-08-16 | 37.2            | 2019-08-06    |
| Colonia Juan Carras           | Sinaloa    | Highest maximum temperature | 39.5      | 2026-08-28 | 38.3            | 2017-08-18    |
| Colonia Juan Carras           | Sinaloa    | Lowest minimum temperature  | 17.1      | 2026-08-07 | 17.5            | 1991-08-26    |
| Zacatecas Zac. (La Bufa       | Zacatecas  | Highest 24 h rainfall       | 51.2      | 2026-08-02 | 51.1            | 1990-08-10    |
| Tampico                       | Tamaulipas | Lowest minimum temperature  | 19.5      | 2026-08-13 | 20.0            | 1978-08-22    |
| Guadalajara                   | Jalisco    | Highest maximum temperature | 35.7      | 2026-08-23 | 32.8            | 2021-08-02    |
| Tuxpan.Ver.                   | Veracruz   | Highest maximum temperature | 38.9      | 2026-08-21 | 38.2            | 2020-08-06    |
| Tuxpan.Ver.                   | Veracruz   | Lowest minimum temperature  | 17.8      | 2026-08-07 | 19.8            | 1989-08-28    |
| Manzanillo                    | Colima     | Highest maximum temperature | 38.2      | 2026-08-13 | 38.0            | 1981-08-22    |
| Manzanillo                    | Colima     | Lowest minimum temperature  | 19.8      | 2026-08-28 | 20.0            | 1980-08-13    |
| Ciudad Guzman                 | Jalisco    | Highest maximum temperature | 37.2      | 2026-08-23 | 32.8            | 2015-08-10    |
| Zamora                        | Michoacán  | Highest maximum temperature | 38.1      | 2026-08-07 | 37.7            | 1961-08-25    |
| Morelia                       | Michoacán  | Highest maximum temperature | 32.8      | 2026-08-28 | 31.5            | 2009-08-16    |
| Tlaxcala De Xicontecatl (Dge) | Tlaxcala   | Highest maximum temperature | 33.5      | 2026-08-12 | 30.6            | 2001-08-19    |
| Jalapa                        | Veracruz   | Highest maximum temperature | 33.6      | 2026-08-02 | 31.0            | 2019-08-28    |
| Hacienda Ylang Ylang Veracruz | Veracruz   | Highest maximum temperature | 37.8      | 2026-08-23 | 37.2            | 2005-08-31    |
| Hacienda Ylang Ylang Veracruz | Veracruz   | Lowest minimum temperature  | 16.9      | 2026-08-23 | 17.8            | 1991-08-28    |
| Orizaba                       | Veracruz   | Highest maximum temperature | 32.0      | 2026-08-28 | 30.8            | 2022-08-18    |
| Coatzacoalcos                 | Veracruz   | Lowest minimum temperature  | 17.0      | 2026-08-28 | 18.3            | 2005-08-20    |
| Oaxaca                        | Oaxaca     | Highest maximum temperature | 39.0      | 2026-08-08 | 36.2            | 2009-08-15    |
| Sn. Cristobal Las Casas       | Chiapas    | Highest maximum temperature | 31.6      | 2026-08-14 | 28.0            | 2023-08-06    |
| Comitan                       | Chiapas    | Highest maximum temperature | 35.2      | 2026-08-19 | 32.7            | 1991-08-14    |

Most extreme daily value of the period against the same period in all earlier years of record (at least 20 years; for weeks, the same calendar month).

Source: NOAA NCEI

Climate-extremes indices (national mean)

| Index  | Description                          | Value | Normal | Difference | Unit |
|--------|--------------------------------------|-------|--------|------------|------|
| TX90p  | Warm days (Tmax > 90th percentile)   | 61.5  | 10.0   | 51.5       | %    |
| TN90p  | Warm nights (Tmin > 90th percentile) | 8.8   | 10.0   | -1.2       | %    |
| TX10p  | Cool days (Tmax < 10th percentile)   | 0.3   | 10.0   | -9.7       | %    |
| TN10p  | Cold nights (Tmin < 10th percentile) | 7.2   | 10.0   | -2.8       | %    |
| FD     | Frost days (Tmin < 0 °C)             | 0.0   | 0.0    | -0.0       | d    |
| SU     | Summer days (Tmax > 25 °C)           | 30.5  | 27.2   | 3.3        | d    |
| TR     | Tropical nights (Tmin > 20 °C)       | 17.9  | 17.5   | 0.4        | d    |
| WSDI   | Warm spell days (≥ 6 days)           | 12.2  | —      | —          | d    |
| CSDI   | Cold spell days (≥ 6 days)           | 0.1   | —      | —          | d    |
| Rx1day | Maximum 1-day precipitation          | 17.0  | 27.1   | -10.1      | mm   |
| Rx5day | Maximum 5-day precipitation          | 29.4  | 53.3   | -23.9      | mm   |
| CDD    | Consecutive dry days (< 1 mm)        | 10.8  | 8.0    | 2.8        | d    |
| CWD    | Consecutive wet days (≥ 1 mm)        | 3.7   | 5.7    | -1.9       | d    |

Percentile indices relative to calendar-day percentiles of 1991–2020 (5-day window); counts and maxima averaged over the country's grid cells.

Source: NOAA CPC / PSL

## Heat and cold waves

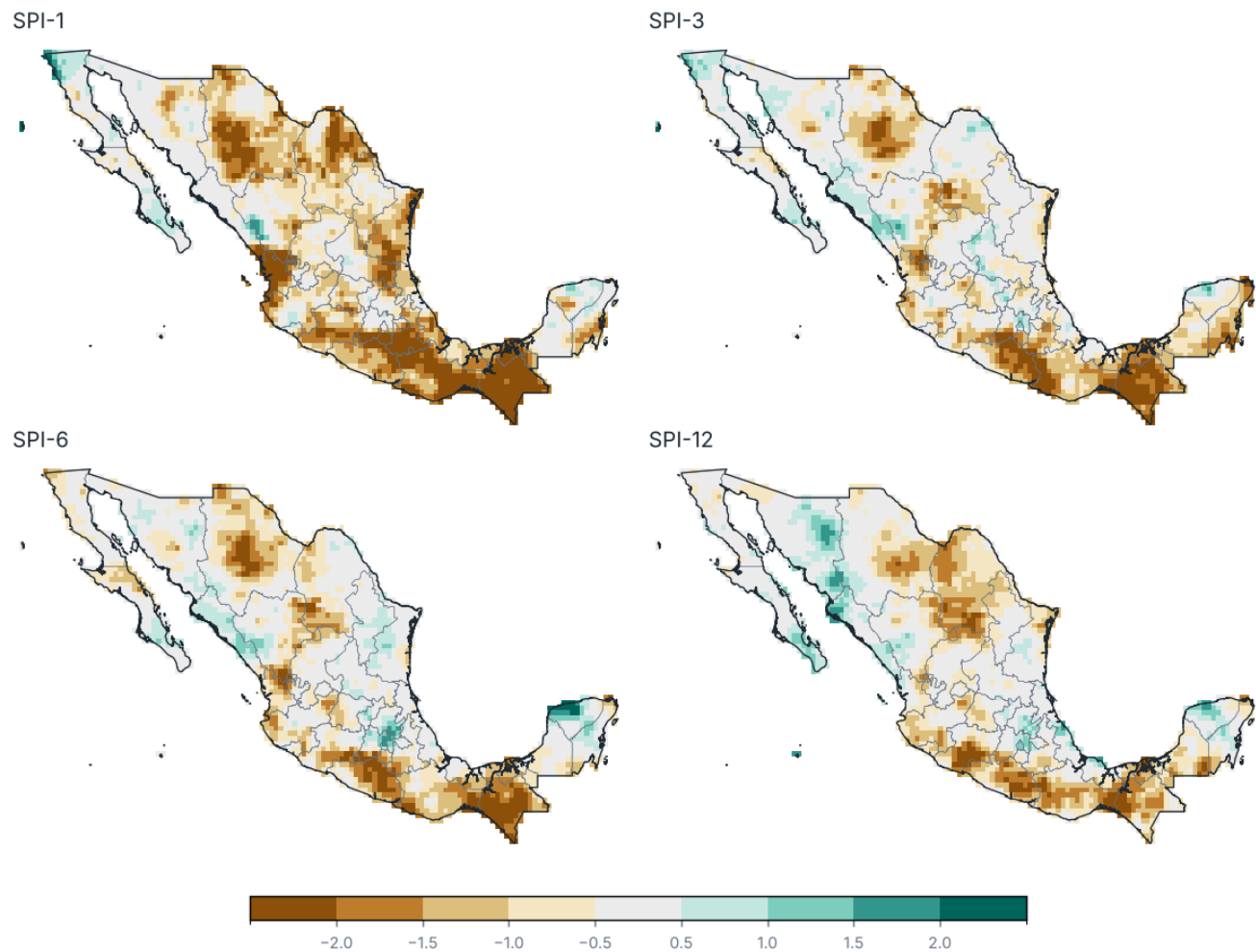
| Dates                   | Type      | Details                                                                                                                                                                    |
|-------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2026-08-03 – 2026-08-05 | Heat wave | Up to 63% of the country above the 90th percentile of Tmax. Regions: North, Northeast, North-central, West-central, Central, South, East and Yucatán Peninsula.            |
| 2026-08-11 – 2026-08-31 | Heat wave | Up to 92% of the country above the 90th percentile of Tmax. Regions: Northwest, North, Northeast, North-central, West-central, Central, South, East and Yucatán Peninsula. |

Wave: at least 3 consecutive days with at least half of the country above the 90th percentile of maximum temperature (heat) or below the 10th percentile of minimum temperature (cold). At most the 10 most intense are listed.

Source: NOAA CPC / PSL

## 6 Drought

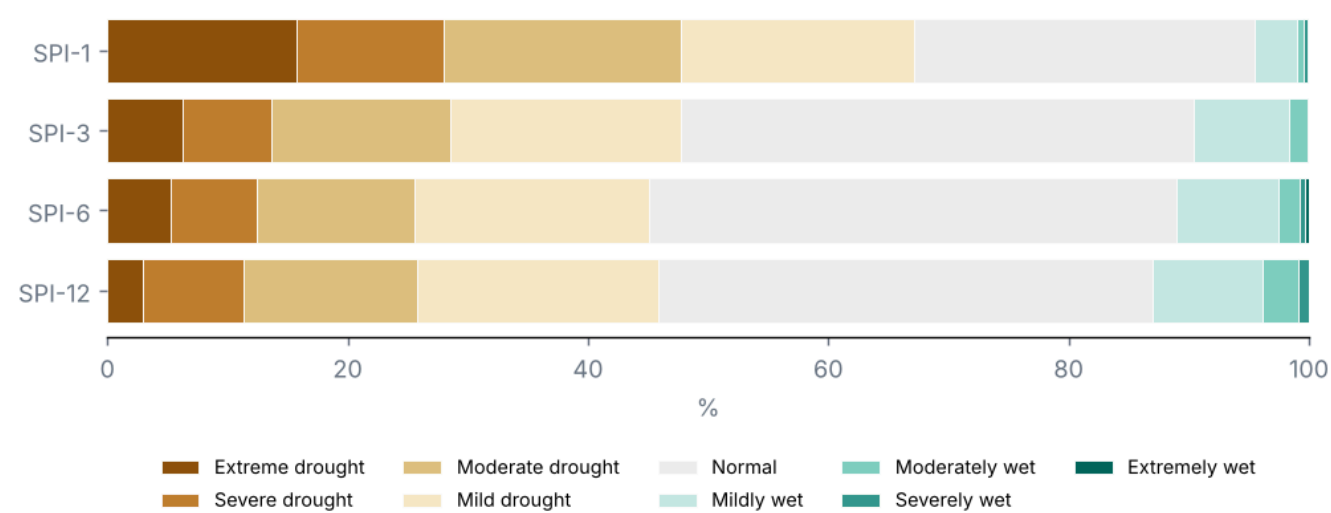
### Standardized Precipitation Index (SPI) ending August 2026



SPI computed from CHIRPS; gamma distribution fitted to 1991–2020 accumulations.

Source: UCSB Climate Hazards Center

## Share of the country by SPI category



Source: UCSB Climate Hazards Center

## States with the lowest SPI-3

| State        | SPI-1 | SPI-3 | SPI-6 | SPI-12 | Category         |
|--------------|-------|-------|-------|--------|------------------|
| Chiapas      | -2.7  | -2.2  | -2.1  | -1.3   | Extreme drought  |
| Guerrero     | -1.6  | -1.6  | -1.6  | -1.5   | Severe drought   |
| Tabasco      | -1.9  | -1.6  | -1.1  | -1.3   | Severe drought   |
| Morelos      | -2.6  | -1.5  | -1.2  | -0.2   | Moderate drought |
| Oaxaca       | -2.1  | -1.4  | -1.2  | -1.2   | Moderate drought |
| Quintana Roo | -0.6  | -1.3  | -0.0  | -0.2   | Moderate drought |
| Puebla       | -2.1  | -1.0  | -0.6  | -0.4   | Moderate drought |
| Nayarit      | -2.5  | -1.0  | -1.1  | -0.3   | Moderate drought |
| Campeche     | -0.4  | -0.9  | -0.4  | -0.9   | Mild drought     |
| Chihuahua    | -1.2  | -0.8  | -0.8  | -0.4   | Mild drought     |

Source: UCSB Climate Hazards Center

SPI-3 (Jun–Aug 2026): national mean  $-0.55$ ; 29% of the country in drought ( $SPI \leq -1.0$ ) and 14% in severe or extreme drought.

Most affected states: Chiapas ( $-2.16$ ), Guerrero ( $-1.63$ ) and Tabasco ( $-1.60$ ).

SPI-1 (August 2026): 48% of the country in drought.

SPI-6 (Mar–Aug 2026): 26% of the country in drought.

SPI-12 (Sep 2025–Aug 2026): 26% of the country in drought.

## 7 Severe weather and notable events

### Tracks of nearby tropical cyclones



Whole tracks; Saffir–Simpson category from NHC/JTWC. Source: IBTrACS v04 (provisional for recent seasons).

Source: NOAA NCEI

### Tropical cyclones within 300 km of the country

| Name   | Basin                 | Peak intensity | Maximum wind (km/h) | Start      | End        | Closest approach (km) | Landfall | Landfall intensity |
|--------|-----------------------|----------------|---------------------|------------|------------|-----------------------|----------|--------------------|
| Iselle | Eastern North Pacific | Tropical storm | 111                 | 2026-08-21 | 2026-08-27 | 135                   | —        | —                  |

Source: NOAA NCEI

### Notable events

| Dates                   | Type    | Details                                                                                                                                               |
|-------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2026-04-21 – 2026-10-09 | Drought | GDACS Orange alert: Drought in The Bahamas, Belize, Costa Rica, Cuba, Dominican Republic, Guatemala, Honduras, Haiti, Mexico, Nicaragua, El Salvador. |

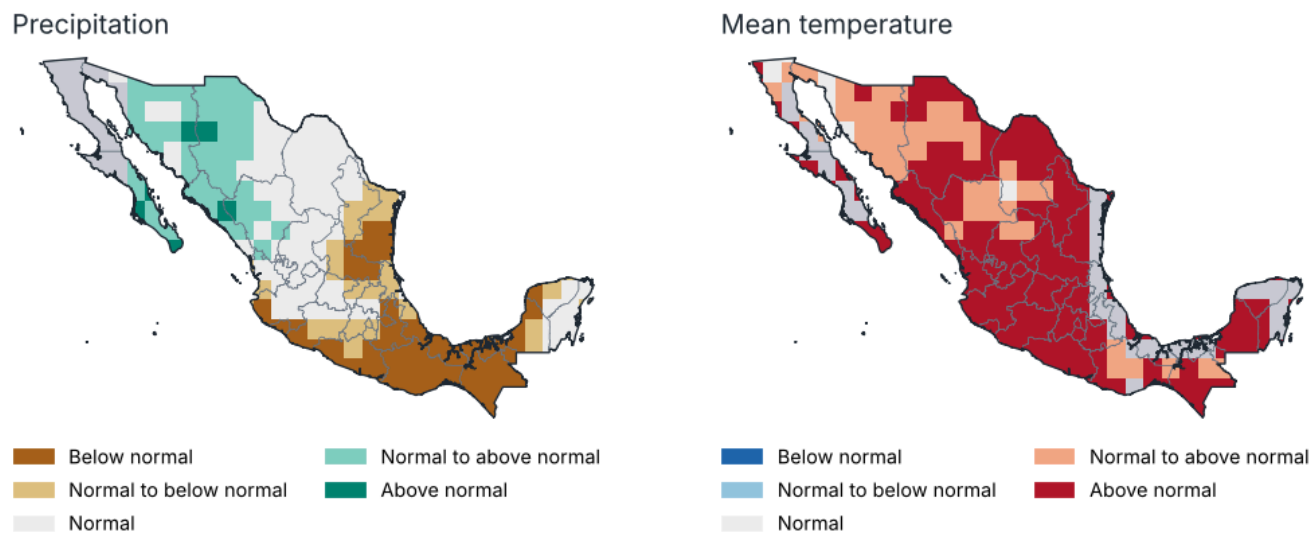
GDACS alerts and station rainfall of 150 mm or more in 24 hours (after quality control).

Source: GDACS

Tropical cyclones within 300 km of the country: 1 (Iselle).

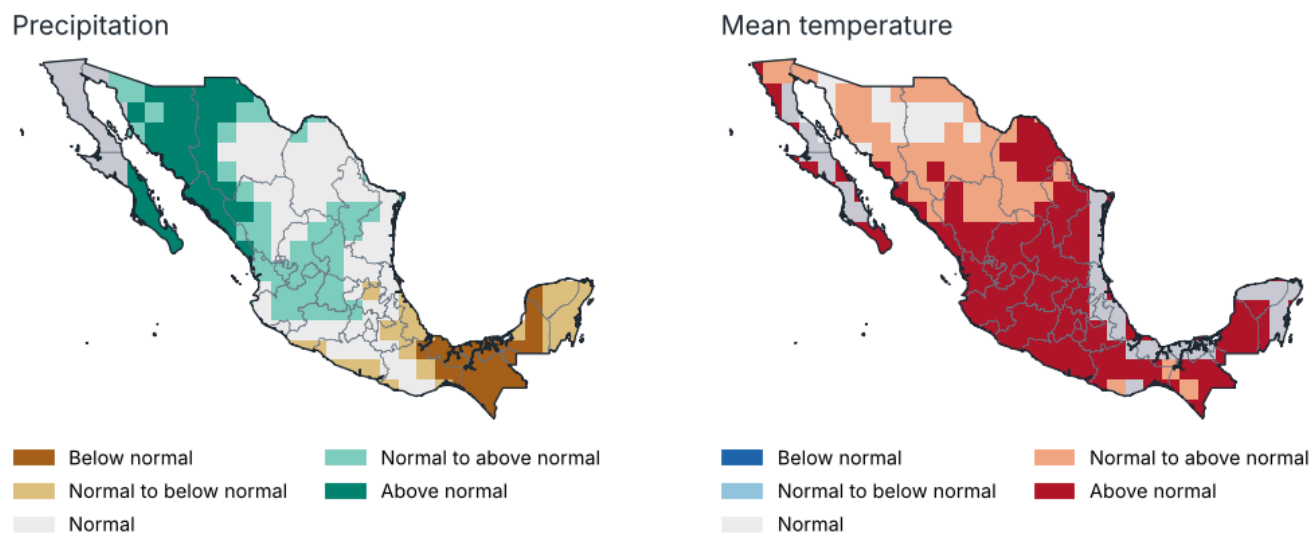
## 9 Outlook

### Outlook for September 2026: most likely tercile



Source: NOAA CPC

### Outlook for Sep–Nov 2026: most likely tercile



Source: NOAA CPC

### Probability of each tercile by region, Sep–Nov 2026 (%)

| Region        | Precipitation: below | Precipitation: normal | Precipitation: above | Temp.: below | Temp.: normal | Temp.: above |
|---------------|----------------------|-----------------------|----------------------|--------------|---------------|--------------|
| Northwest     | 17.0                 | 27.0                  | 55.0                 | 23.0         | 29.0          | 48.0         |
| North         | 27.0                 | 30.0                  | 43.0                 | 21.0         | 32.0          | 47.0         |
| Northeast     | 30.0                 | 32.0                  | 37.0                 | 11.0         | 26.0          | 63.0         |
| North-central | 27.0                 | 33.0                  | 40.0                 | 12.0         | 22.0          | 66.0         |
| West-central  | 26.0                 | 32.0                  | 42.0                 | 10.0         | 20.0          | 70.0         |

| Region            | Precipitation: below | Precipitation: normal | Precipitation: above | Temp.: below | Temp.: normal | Temp.: above |
|-------------------|----------------------|-----------------------|----------------------|--------------|---------------|--------------|
| Central           | 35.0                 | 33.0                  | 33.0                 | 5.0          | 26.0          | 69.0         |
| South             | 48.0                 | 29.0                  | 24.0                 | 14.0         | 26.0          | 60.0         |
| East              | 52.0                 | 29.0                  | 19.0                 | 13.0         | 21.0          | 66.0         |
| Yucatán Peninsula | 48.0                 | 29.0                  | 23.0                 | 12.0         | 19.0          | 68.0         |

Source: NOAA CPC

Probabilistic outlook from the North American Multi-Model Ensemble (NMME), initialised in September 2026, relative to 1991–2020 terciles. It is not an official forecast: consult the national meteorological service.

Precipitation, September 2026: above normal is favoured over 25% of the country and below normal over 39%.

Mean temperature, September 2026: above normal is favoured over 97% of the country and below normal over 0%.

Precipitation, Sep–Nov 2026: above normal is favoured over 41% of the country and below normal over 22%.

Mean temperature, Sep–Nov 2026: above normal is favoured over 92% of the country and below normal over 0%.

## 10 Annexes

### Report climate regions



### Monthly precipitation by state (mm)

| State               | Jan  | Feb  | Mar  | Apr  | May   | Jun   | Jul   | Aug   |
|---------------------|------|------|------|------|-------|-------|-------|-------|
| Aguascalientes      | 7.0  | 0.0  | 0.9  | 11.7 | 9.5   | 155.4 | 107.0 | 75.6  |
| Baja California     | 16.4 | 24.3 | 6.7  | 7.2  | 1.6   | 0.1   | 4.9   | 8.6   |
| Baja California Sur | 18.6 | 2.2  | 0.3  | 0.5  | 0.3   | 0.1   | 9.1   | 39.5  |
| Campeche            | 29.9 | 17.4 | 55.1 | 25.0 | 110.5 | 176.8 | 100.7 | 181.6 |
| Chiapas             | 51.1 | 29.8 | 55.7 | 40.1 | 123.9 | 269.5 | 152.2 | 104.6 |
| Chihuahua           | 27.3 | 15.2 | 13.1 | 10.7 | 10.0  | 71.1  | 86.1  | 57.9  |
| Ciudad de México    | 1.0  | 0.1  | 2.5  | 57.5 | 99.9  | 225.1 | 159.5 | 180.7 |
| Coahuila            | 14.6 | 0.6  | 1.8  | 19.4 | 34.8  | 51.4  | 62.7  | 11.3  |
| Colima              | 18.9 | 0.0  | 0.9  | 1.4  | 3.0   | 146.0 | 159.9 | 191.9 |
| Durango             | 33.5 | 1.1  | 7.5  | 4.9  | 18.3  | 91.1  | 140.0 | 107.2 |
| Guanajuato          | 11.7 | 0.0  | 0.8  | 40.9 | 14.2  | 160.2 | 85.9  | 78.1  |
| Guerrero            | 5.8  | 5.6  | 1.2  | 21.5 | 39.8  | 231.9 | 160.0 | 175.6 |
| Hidalgo             | 8.0  | 2.3  | 15.3 | 41.5 | 131.7 | 197.2 | 68.5  | 76.1  |
| Jalisco             | 15.7 | 0.7  | 9.0  | 8.7  | 8.6   | 171.9 | 187.5 | 168.2 |
| Estado de México    | 8.6  | 0.4  | 2.8  | 61.5 | 91.2  | 207.6 | 145.0 | 158.1 |
| Michoacán           | 13.9 | 0.1  | 2.3  | 17.1 | 20.6  | 178.0 | 193.8 | 140.4 |
| Morelos             | 0.1  | 1.2  | 1.7  | 44.5 | 57.3  | 281.8 | 135.1 | 101.3 |

| State           | Jan   | Feb  | Mar   | Apr  | May   | Jun   | Jul   | Aug   |
|-----------------|-------|------|-------|------|-------|-------|-------|-------|
| Nayarit         | 15.0  | 0.6  | 8.1   | 0.5  | 4.9   | 162.3 | 287.9 | 172.2 |
| Nuevo León      | 7.5   | 0.1  | 4.8   | 57.9 | 93.4  | 113.7 | 32.4  | 26.3  |
| Oaxaca          | 18.1  | 15.4 | 14.5  | 46.3 | 88.1  | 284.3 | 150.2 | 117.7 |
| Puebla          | 9.1   | 6.3  | 12.1  | 54.0 | 89.6  | 222.5 | 109.4 | 75.4  |
| Querétaro       | 5.8   | 0.3  | 3.5   | 45.2 | 74.1  | 187.8 | 58.0  | 68.1  |
| Quintana Roo    | 39.6  | 20.6 | 116.5 | 51.6 | 175.7 | 113.4 | 84.8  | 123.0 |
| San Luis Potosí | 9.3   | 0.7  | 4.6   | 24.6 | 64.8  | 169.3 | 56.0  | 40.5  |
| Sinaloa         | 36.9  | 4.6  | 8.1   | 1.6  | 6.3   | 54.0  | 224.7 | 195.7 |
| Sonora          | 38.1  | 11.6 | 16.3  | 4.2  | 3.2   | 14.1  | 102.9 | 82.2  |
| Tabasco         | 136.7 | 43.6 | 114.7 | 52.8 | 84.0  | 205.9 | 108.7 | 113.8 |
| Tamaulipas      | 4.1   | 0.1  | 2.8   | 57.5 | 134.1 | 177.5 | 33.8  | 23.1  |
| Tlaxcala        | 1.4   | 0.0  | 4.5   | 88.5 | 100.4 | 174.6 | 98.0  | 83.2  |
| Veracruz        | 51.1  | 27.3 | 25.4  | 48.1 | 103.2 | 300.7 | 194.2 | 158.9 |
| Yucatán         | 21.8  | 10.4 | 68.6  | 39.9 | 164.0 | 190.6 | 121.0 | 162.1 |
| Zacatecas       | 13.2  | 0.0  | 2.7   | 8.3  | 13.7  | 113.7 | 76.2  | 66.3  |

CSV

Source: UCSB Climate Hazards Center

Monthly maximum temperature by state (°C)

| State               | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  |
|---------------------|------|------|------|------|------|------|------|------|
| Aguascalientes      | 22.8 | 27.4 | 28.3 | 31.3 | 31.9 | 27.6 | 27.8 | 28.7 |
| Baja California     | 21.2 | 23.2 | 28.1 | 25.4 | 27.2 | 31.6 | 33.8 | 34.5 |
| Baja California Sur | 25.5 | 27.5 | 30.1 | 30.1 | 30.3 | 33.5 | 35.9 | 36.7 |
| Campeche            | 28.5 | 30.1 | 32.4 | 35.4 | 37.0 | 35.5 | 35.3 | 35.6 |
| Chiapas             | 27.8 | 29.1 | 30.8 | 33.1 | 34.5 | 32.5 | 32.6 | 32.9 |
| Chihuahua           | 19.1 | 24.1 | 29.1 | 29.3 | 32.4 | 35.5 | 34.1 | 34.6 |
| Ciudad de México    | 21.0 | 23.8 | 23.0 | 25.9 | 26.2 | 22.8 | 23.7 | 24.2 |
| Coahuila            | 20.6 | 27.7 | 30.7 | 30.4 | 33.5 | 35.4 | 34.8 | 36.9 |
| Colima              | 31.1 | 31.9 | 32.6 | 33.6 | 34.8 | 33.2 | 34.2 | 34.1 |
| Durango             | 22.3 | 27.2 | 29.4 | 32.1 | 32.8 | 32.9 | 31.2 | 32.1 |
| Guanajuato          | 25.1 | 29.2 | 29.7 | 32.8 | 33.5 | 29.2 | 29.8 | 30.3 |
| Guerrero            | 32.1 | 33.7 | 33.5 | 35.2 | 35.8 | 31.8 | 33.6 | 33.4 |
| Hidalgo             | 22.2 | 25.9 | 26.5 | 29.6 | 30.7 | 28.1 | 28.3 | 29.1 |
| Jalisco             | 27.4 | 30.0 | 30.9 | 33.2 | 34.2 | 30.2 | 30.4 | 30.7 |
| Estado de México    | 24.1 | 27.3 | 26.6 | 29.3 | 29.7 | 25.8 | 26.5 | 26.8 |
| Michoacán           | 30.8 | 33.4 | 33.8 | 35.8 | 36.4 | 31.6 | 32.2 | 32.4 |
| Morelos             | 29.0 | 32.3 | 32.1 | 34.9 | 35.0 | 29.8 | 31.6 | 32.3 |
| Nayarit             | 28.4 | 30.3 | 31.2 | 33.3 | 34.5 | 31.3 | 31.6 | 32.6 |
| Nuevo León          | 22.4 | 28.6 | 31.1 | 29.1 | 31.8 | 33.5 | 34.9 | 36.1 |
| Oaxaca              | 28.9 | 30.1 | 31.4 | 33.8 | 34.6 | 31.2 | 31.6 | 32.0 |
| Puebla              | 25.9 | 28.6 | 28.8 | 31.2 | 32.2 | 28.8 | 29.4 | 29.9 |
| Querétaro           | 23.4 | 27.6 | 28.4 | 30.9 | 32.1 | 28.6 | 28.8 | 29.9 |
| Quintana Roo        | 29.0 | 30.2 | 32.0 | 33.7 | 35.1 | 34.6 | 35.1 | 35.5 |
| San Luis Potosí     | 23.2 | 28.2 | 29.3 | 31.9 | 32.8 | 30.3 | 30.9 | 31.8 |
| Sinaloa             | 29.1 | 30.8 | 32.7 | 35.1 | 36.4 | 36.6 | 36.6 | 36.3 |
| Sonora              | 23.5 | 27.1 | 32.3 | 31.6 | 34.3 | 38.6 | 37.7 | 38.3 |
| Tabasco             | 27.1 | 28.7 | 30.8 | 34.1 | 36.0 | 34.7 | 35.0 | 35.0 |

| State      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  |
|------------|------|------|------|------|------|------|------|------|
| Tamaulipas | 23.4 | 29.0 | 31.9 | 31.3 | 33.6 | 34.4 | 36.5 | 37.8 |
| Tlaxcala   | 22.7 | 25.4 | 24.8 | 27.3 | 28.0 | 24.7 | 25.5 | 25.7 |
| Veracruz   | 25.2 | 27.3 | 29.4 | 32.3 | 34.5 | 33.3 | 32.8 | 33.1 |
| Yucatán    | 29.7 | 31.5 | 33.3 | 35.7 | 37.6 | 36.3 | 37.0 | 36.6 |
| Zacatecas  | 20.7 | 25.8 | 26.7 | 29.8 | 30.3 | 27.8 | 27.8 | 28.5 |

CSV

Source: NOAA CPC / PSL

## Monthly mean temperature by state (°C)

| State               | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  |
|---------------------|------|------|------|------|------|------|------|------|
| Aguascalientes      | 14.8 | 17.6 | 19.0 | 21.8 | 23.6 | 21.4 | 21.2 | 21.4 |
| Baja California     | 16.2 | 17.6 | 21.8 | 20.2 | 21.5 | 26.0 | 29.0 | 29.9 |
| Baja California Sur | 19.7 | 21.0 | 23.7 | 23.8 | 23.8 | 27.5 | 30.0 | 31.3 |
| Campeche            | 22.6 | 23.3 | 26.4 | 29.2 | 31.0 | 30.3 | 29.7 | 29.8 |
| Chiapas             | 22.5 | 22.7 | 25.3 | 27.4 | 28.8 | 27.6 | 27.5 | 27.9 |
| Chihuahua           | 10.5 | 14.6 | 18.9 | 20.5 | 23.1 | 27.2 | 26.5 | 26.5 |
| Ciudad de México    | 12.7 | 14.4 | 14.9 | 17.9 | 18.4 | 16.6 | 17.0 | 17.3 |
| Coahuila            | 12.8 | 18.4 | 21.8 | 23.1 | 25.8 | 28.4 | 28.1 | 29.5 |
| Colima              | 25.2 | 25.6 | 25.8 | 27.2 | 29.1 | 28.6 | 29.0 | 28.9 |
| Durango             | 13.9 | 17.1 | 19.4 | 22.1 | 23.7 | 25.2 | 23.9 | 24.3 |
| Guanajuato          | 16.9 | 19.3 | 20.5 | 23.7 | 25.1 | 22.8 | 22.7 | 23.0 |
| Guerrero            | 24.6 | 25.5 | 25.7 | 27.9 | 29.0 | 26.4 | 27.2 | 27.1 |
| Hidalgo             | 14.9 | 16.8 | 18.2 | 21.5 | 22.9 | 21.9 | 21.5 | 21.9 |
| Jalisco             | 19.4 | 21.1 | 21.9 | 24.1 | 25.9 | 24.3 | 24.2 | 24.2 |
| Estado de México    | 15.2 | 16.7 | 17.5 | 20.5 | 21.3 | 19.4 | 19.3 | 19.5 |
| Michoacán           | 22.0 | 23.7 | 24.3 | 26.7 | 28.0 | 25.4 | 25.4 | 25.3 |
| Morelos             | 19.7 | 22.1 | 23.1 | 26.1 | 25.9 | 22.5 | 23.5 | 23.9 |
| Nayarit             | 21.2 | 22.2 | 23.2 | 25.1 | 26.8 | 26.2 | 26.1 | 26.5 |
| Nuevo León          | 15.0 | 20.0 | 22.7 | 22.9 | 25.3 | 27.2 | 27.8 | 28.8 |
| Oaxaca              | 21.1 | 21.5 | 23.6 | 26.2 | 27.5 | 25.5 | 25.4 | 25.8 |
| Puebla              | 17.2 | 18.5 | 19.8 | 22.6 | 23.8 | 22.2 | 21.9 | 22.1 |
| Querétaro           | 16.4 | 18.7 | 20.1 | 23.2 | 24.4 | 22.6 | 22.4 | 22.9 |
| Quintana Roo        | 23.2 | 23.5 | 26.2 | 28.1 | 30.2 | 30.1 | 29.9 | 30.1 |
| San Luis Potosí     | 15.4 | 18.3 | 20.1 | 23.4 | 24.6 | 23.6 | 23.4 | 24.2 |
| Sinaloa             | 20.9 | 22.0 | 24.8 | 26.3 | 27.8 | 30.2 | 30.3 | 30.0 |
| Sonora              | 16.2 | 19.2 | 23.5 | 23.7 | 26.4 | 31.5 | 31.7 | 31.9 |
| Tabasco             | 23.4 | 23.9 | 26.8 | 29.6 | 31.4 | 30.4 | 30.5 | 30.5 |
| Tamaulipas          | 16.7 | 20.7 | 24.0 | 25.5 | 27.5 | 29.1 | 29.6 | 30.5 |
| Tlaxcala            | 13.2 | 14.6 | 15.2 | 17.8 | 19.1 | 18.0 | 17.7 | 17.7 |
| Veracruz            | 20.5 | 21.6 | 24.2 | 27.0 | 28.9 | 28.4 | 27.9 | 27.9 |
| Yucatán             | 23.3 | 24.0 | 26.6 | 28.6 | 30.9 | 30.4 | 30.4 | 30.0 |
| Zacatecas           | 13.4 | 16.8 | 17.9 | 20.8 | 22.0 | 21.0 | 20.8 | 21.2 |

CSV

Source: NOAA CPC / PSL

Monthly minimum temperature by state (°C)

| State               | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  |
|---------------------|------|------|------|------|------|------|------|------|
| Aguascalientes      | 6.8  | 7.9  | 9.7  | 12.4 | 15.4 | 15.2 | 14.5 | 14.2 |
| Baja California     | 11.2 | 12.1 | 15.5 | 15.0 | 15.7 | 20.4 | 24.2 | 25.3 |
| Baja California Sur | 14.0 | 14.5 | 17.2 | 17.4 | 17.2 | 21.5 | 24.1 | 25.8 |
| Campeche            | 16.7 | 16.5 | 20.4 | 22.9 | 25.0 | 25.1 | 24.1 | 23.9 |
| Chiapas             | 17.1 | 16.3 | 19.9 | 21.7 | 23.1 | 22.7 | 22.4 | 22.8 |
| Chihuahua           | 2.0  | 5.0  | 8.6  | 11.8 | 13.8 | 18.8 | 18.8 | 18.4 |
| Ciudad de México    | 4.5  | 5.0  | 6.7  | 9.9  | 10.5 | 10.4 | 10.3 | 10.4 |
| Coahuila            | 4.9  | 9.1  | 12.9 | 15.9 | 18.1 | 21.4 | 21.5 | 22.0 |
| Colima              | 19.3 | 19.4 | 18.9 | 20.9 | 23.4 | 24.0 | 23.9 | 23.6 |
| Durango             | 5.5  | 7.1  | 9.5  | 12.1 | 14.6 | 17.4 | 16.5 | 16.4 |
| Guanajuato          | 8.6  | 9.4  | 11.2 | 14.7 | 16.7 | 16.5 | 15.5 | 15.7 |
| Guerrero            | 17.2 | 17.2 | 17.9 | 20.5 | 22.2 | 21.0 | 20.9 | 20.8 |
| Hidalgo             | 7.7  | 7.8  | 9.8  | 13.5 | 15.0 | 15.6 | 14.6 | 14.7 |
| Jalisco             | 11.3 | 12.2 | 12.9 | 15.0 | 17.6 | 18.4 | 17.9 | 17.7 |
| Estado de México    | 6.3  | 6.1  | 8.4  | 11.7 | 12.8 | 13.0 | 12.2 | 12.3 |
| Michoacán           | 13.3 | 13.9 | 14.8 | 17.6 | 19.6 | 19.3 | 18.6 | 18.2 |
| Morelos             | 10.5 | 11.8 | 14.2 | 17.3 | 16.9 | 15.2 | 15.3 | 15.4 |
| Nayarit             | 14.0 | 14.2 | 15.2 | 16.8 | 19.2 | 21.0 | 20.6 | 20.5 |
| Nuevo León          | 7.7  | 11.5 | 14.3 | 16.7 | 18.7 | 20.8 | 20.8 | 21.4 |
| Oaxaca              | 13.4 | 12.9 | 15.8 | 18.6 | 20.5 | 19.9 | 19.3 | 19.7 |
| Puebla              | 8.5  | 8.4  | 10.8 | 13.9 | 15.4 | 15.6 | 14.3 | 14.3 |
| Querétaro           | 9.4  | 9.8  | 11.9 | 15.5 | 16.7 | 16.5 | 16.0 | 15.9 |
| Quintana Roo        | 17.5 | 16.7 | 20.4 | 22.5 | 25.3 | 25.7 | 24.8 | 24.7 |
| San Luis Potosí     | 7.5  | 8.5  | 10.9 | 14.8 | 16.4 | 17.0 | 16.0 | 16.6 |
| Sinaloa             | 12.8 | 13.3 | 16.9 | 17.6 | 19.3 | 23.7 | 24.0 | 23.7 |
| Sonora              | 8.8  | 11.3 | 14.8 | 15.8 | 18.4 | 24.5 | 25.8 | 25.4 |
| Tabasco             | 19.7 | 19.2 | 22.8 | 25.0 | 26.7 | 26.2 | 26.1 | 25.9 |
| Tamaulipas          | 10.0 | 12.3 | 16.1 | 19.7 | 21.5 | 23.7 | 22.8 | 23.2 |
| Tlaxcala            | 3.8  | 3.7  | 5.6  | 8.3  | 10.3 | 11.2 | 9.8  | 9.7  |
| Veracruz            | 15.8 | 15.9 | 18.9 | 21.8 | 23.2 | 23.4 | 23.0 | 22.8 |
| Yucatán             | 16.9 | 16.5 | 20.0 | 21.6 | 24.2 | 24.4 | 23.8 | 23.4 |
| Zacatecas           | 6.1  | 7.7  | 9.2  | 11.9 | 13.7 | 14.3 | 13.8 | 13.9 |

CSV

Source: NOAA CPC / PSL

Stations used

| Id          | Name                   | State               | Latitude | Longitude | Altitude (m) | Days with data (Tmax) (%) |
|-------------|------------------------|---------------------|----------|-----------|--------------|---------------------------|
| MXM00076040 | Ejido Nuevo Leon (Obs) | Baja California     | 32.4     | -115.2    | 11.3         | 0.0                       |
| MXM00076055 | San Felipe Bcn         | Baja California     | 31.0     | -114.8    | 15.0         | 0.0                       |
| MXM00076061 | Puerto Penasco         | Sonora              | 31.3     | -113.5    | 62.0         | 32.0                      |
| MXM00076118 | Nacozari (Smn)         | Sonora              | 30.4     | -109.7    | 1099.7       | 0.0                       |
| MXM00076311 | Choix                  | Sinaloa             | 26.7     | -108.3    | 237.7        | 61.0                      |
| MXM00076323 | Hidalgo Del Parral     | Chihuahua           | 26.9     | -105.7    | 1661.0       | 0.0                       |
| MXM00076390 | Saltillo               | Coahuila            | 25.4     | -101.0    | 1790.0       | 0.0                       |
| MXM00076402 | Ciudad Constitucion    | Baja California Sur | 24.9     | -111.7    | 48.0         | 0.0                       |
| MXM00076405 | La Paz (City)          | Baja California Sur | 24.2     | -110.3    | 18.0         | 0.0                       |

| Id          | Name                          | State            | Latitude | Longitude | Altitude (m) | Days with data (Tmax) (%) |
|-------------|-------------------------------|------------------|----------|-----------|--------------|---------------------------|
| MXM00076423 | Durango                       | Durango          | 24.1     | -104.6    | 1872.0       | 77.0                      |
| MXM00076458 | Colonia Juan Carras           | Sinaloa          | 23.2     | -106.4    | 4.0          | 77.0                      |
| MXM00076491 | Ciudad Victoria               | Tamaulipas       | 23.7     | -99.1     | 355.0        | 0.0                       |
| MXM00076519 | Colotlan                      | Jalisco          | 22.1     | -103.3    | 1673.0       | 0.0                       |
| MXM00076525 | Zacatecas Zac. (La Bufa       | Zacatecas        | 22.8     | -102.6    | 2612.0       | 0.0                       |
| MXM00076548 | Tampico                       | Tamaulipas       | 22.2     | -97.8     | 25.0         | 65.0                      |
| MXM00076573 | Lagos De Moreno               | Jalisco          | 21.4     | -101.9    | 1942.0       | 0.0                       |
| MXM00076581 | Rio Verde                     | San Luis Potosí  | 21.9     | -100.0    | 983.0        | 74.0                      |
| MXM00076593 | Progreso                      | Yucatán          | 21.3     | -89.7     | 2.4          | 0.0                       |
| MXM00076612 | Guadalajara                   | Jalisco          | 20.7     | -103.4    | 1583.0       | 23.0                      |
| MXM00076632 | Pachuca                       | Hidalgo          | 20.1     | -98.8     | 2435.0       | 0.0                       |
| MXM00076634 | Tulancingo                    | Hidalgo          | 20.1     | -98.4     | 2181.0       | 0.0                       |
| MXM00076640 | Tuxpan.Ver.                   | Veracruz         | 20.9     | -97.4     | 28.0         | 68.0                      |
| MXM00076647 | Valladolid                    | Yucatán          | 20.7     | -88.2     | 27.0         | 0.0                       |
| MXM00076654 | Manzanillo                    | Colima           | 19.1     | -104.3    | 3.0          | 48.0                      |
| MXM00076656 | Ciudad Guzman                 | Jalisco          | 19.7     | -103.5    | 1515.0       | 52.0                      |
| MXM00076662 | Zamora                        | Michoacán        | 20.0     | -102.3    | 1540.0       | 81.0                      |
| MXM00076665 | Morelia                       | Michoacán        | 19.7     | -101.2    | 1913.0       | 19.0                      |
| MXM00076675 | Toluca (Obs)                  | Estado de México | 19.3     | -99.7     | 2725.8       | 0.0                       |
| MXM00076680 | Mexico City                   | Ciudad de México | 19.4     | -99.2     | 2303.0       | 0.0                       |
| MXM00076683 | Tlaxcala De Xicontecatl (Dge) | Tlaxcala         | 19.3     | -98.2     | 2229.9       | 35.0                      |
| MXM00076687 | Jalapa                        | Veracruz         | 19.6     | -96.9     | 1389.0       | 19.0                      |
| MXM00076692 | Hacienda Ylang Ylang Veracruz | Veracruz         | 19.1     | -96.1     | 16.0         | 29.0                      |
| MXM00076737 | Orizaba                       | Veracruz         | 18.9     | -97.1     | 1259.0       | 45.0                      |
| MXM00076741 | Coatzacoalcos                 | Veracruz         | 18.1     | -94.4     | 22.0         | 29.0                      |
| MXM00076743 | Villahermosa                  | Tabasco          | 18.0     | -92.9     | 16.0         | 0.0                       |
| MXM00076762 | Chilpancingo Ro.              | Guerrero         | 17.6     | -99.5     | 1265.0       | 0.0                       |
| MXM00076773 | Huajuapán De León (Dge)       | Oaxaca           | 17.8     | -97.8     | 1583.7       | 29.0                      |
| MXM00076775 | Oaxaca                        | Oaxaca           | 17.1     | -96.7     | 1518.0       | 77.0                      |
| MXM00076805 | Acapulco                      | Guerrero         | 16.8     | -99.9     | 3.0          | 0.0                       |
| MXM00076833 | Salina Cruz                   | Oaxaca           | 16.2     | -95.2     | 9.8          | 0.0                       |
| MXM00076840 | Temosachi (Obs)               | Chihuahua        | 28.9     | -107.8    | 1931.8       | 23.0                      |
| MXM00076843 | Francisco Sarabia             | Chiapas          | 16.8     | -93.3     | 1051.9       | 0.0                       |
| MXM00076845 | Sn. Cristobal Las Casas       | Chiapas          | 16.8     | -92.6     | 2116.0       | 65.0                      |
| MXM00076848 | Comitan                       | Chiapas          | 16.2     | -92.1     | 1646.0       | 71.0                      |
| MXM00076855 | Puerto Angel                  | Oaxaca           | 15.7     | -96.5     | 46.0         | 0.0                       |
| MXM00076903 | Tapachula                     | Chiapas          | 14.9     | -92.2     | 118.0        | 0.0                       |

CSV

Source: NOAA NCEI

- Report data (JSON)
- Tables (CSV)

## 11 Glossary, methodology and sources

Anomaly: difference between the observed value and its 1991–2020 normal. Percent of normal: observed total divided by the normal, times 100. Station record: most extreme daily value for the same month in all earlier years of record (at least 20 years).

Temperature: CPC\_TEMP (0.5° daily grid); mean temperature is  $(T_{\max} + T_{\min})/2$ . Precipitation: CHIRPS. National, regional and state averages are weighted by the area of each grid cell inside each polygon. Normals refer to 1991–2020; ranks compare values rounded to one decimal. Stations: GHCN-Daily (NOAA NCEI); values flagged by its quality control are discarded, as are daily values more than 5 robust standard deviations from the station median and variables whose monthly anomaly differs by more than 3 °C from the gridded analysis. Period means require at least 80% of days with data and station normals at least 20 complete years. This report is generated automatically and does not replace official information from the national meteorological service.

| Source                      | Product                                                                      | License                                                                          | Citation                                                                        |
|-----------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| UCSB Climate Hazards Center | CHIRPS v3.0, 0.05°                                                           | See provider terms                                                               | Climate Hazards Center, UC Santa Barbara. CHIRPS v3.0.                          |
| NOAA CPC                    | ONI, Niño-region SST indices (OISST v2.1), NAO and AO                        | Public domain (NOAA)                                                             | NOAA Climate Prediction Center climate indices.                                 |
| NOAA CPC / PSL              | CPC Global Unified Gauge-Based Analysis of Daily Precipitation, 0.5°         | Public domain (NOAA)                                                             | CPC Global Unified Precipitation data provided by NOAA PSL, Boulder, CO, USA.   |
| NOAA CPC / PSL              | CPC Global Unified Temperature, daily 0.5°                                   | Public domain (NOAA)                                                             | CPC Global Unified Temperature data provided by NOAA PSL, Boulder, CO, USA.     |
| NOAA NCEI / PSL             | Extended Reconstructed SST v5 (ERSST v5), 2°                                 | Public domain (NOAA)                                                             | Huang et al. (2017), J. Climate, doi:10.1175/JCLI-D-16-0836.1                   |
| GDACS                       | Global Disaster Alert and Coordination System event list                     | See provider terms                                                               | —                                                                               |
| NOAA NCEI                   | GHCN-Daily                                                                   | Public domain (NOAA)                                                             | Menne et al. (2012), J. Atmos. Oceanic Technol., doi:10.1175/JTECH-D-11-00103.1 |
| NOAA NCEI                   | IBTrACS v04r01 tropical-cyclone best tracks                                  | Public domain (NOAA)                                                             | Knapp et al. (2010), Bull. Amer. Meteor. Soc., doi:10.1175/2009BAMS2755.1       |
| NOAA NCEI                   | Pacific Decadal Oscillation index (ERSST v5)                                 | Public domain (NOAA)                                                             | —                                                                               |
| NOAA CPC                    | North American Multi-Model Ensemble (NMME) tercile probabilities, 1°         | Public domain (NOAA)                                                             | Kirtman et al. (2014), Bull. Amer. Meteor. Soc., doi:10.1175/BAMS-D-12-00050.1  |
| NOAA PSL                    | Real-time OLR MJO Index (ROMI)                                               | Public domain (NOAA)                                                             | Kiladis et al. (2014), Mon. Wea. Rev., doi:10.1175/MWR-D-13-00301.1             |
| geoBoundaries               | geoBoundaries gbOpen (Instituto Nacional de Estadística y Geografía (INEGI)) | Creative Commons Attribution 3.0 Intergovernmental Organisations (CC BY 3.0 IGO) | —                                                                               |

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