

Week 39, 2026 (21–27 September)

Final Issued 2026-10-11 · Baseline 1991–2020 · next update 2026-10-14

1 Key messages and climate synopsis

- National mean temperature of 25.9 °C (+1.7 °C relative to 1991–2020): the 2nd warmest week 39 in the 1979–2026 series.
- National precipitation of 29.6 mm, 95% of normal: the 27th driest week 39 in the 1979–2026 series.
- The highest maximum temperature at GHCN stations was 39.8 °C at La Paz (City), B.C.S. on 26 September.
- The largest 24-hour rainfall at GHCN stations was 59.0 mm at Oaxaca, Oax. on 24 September.
- 2 station records were broken (stations with at least 20 years of data).
- Maximum temperature exceeded its 90th percentile on 55% of days (national mean; 10% expected).
- 1 tropical cyclones passed within 300 km of the country, none making landfall.
- El Niño conditions of strong intensity in the equatorial Pacific (ONI JJA 2026: +1.8 °C).

Source: NOAA CPC / PSL

Mean temperature

25.9 °C

+1.7 °C vs. normal (normal 24.2)

Well above normal

2nd warmest of 48 (1979–2026)

Maximum temperature

32.1 °C

+2.6 °C vs. normal (normal 29.5)

Extremely above normal

2nd warmest of 48 (1979–2026)

Minimum temperature

19.7 °C

+0.8 °C vs. normal (normal 18.9)

Slightly above normal

3rd warmest of 48 (1979–2026) (tied with 2005, 2024, 2025)

Precipitation

29.6 mm

96% of normal (normal 31.0)

Near normal

27th driest of 48 (1979–2026)

Station records

2

Source: NOAA CPC / PSL

2 Global and regional climate drivers

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

Region	Anomaly (°C)	Change from preceding period (°C)
Niño 1+2	4.7	0.1
Niño 3	3.9	0.1
Niño 3.4	3.1	0.1
Niño 4	1.1	0.1

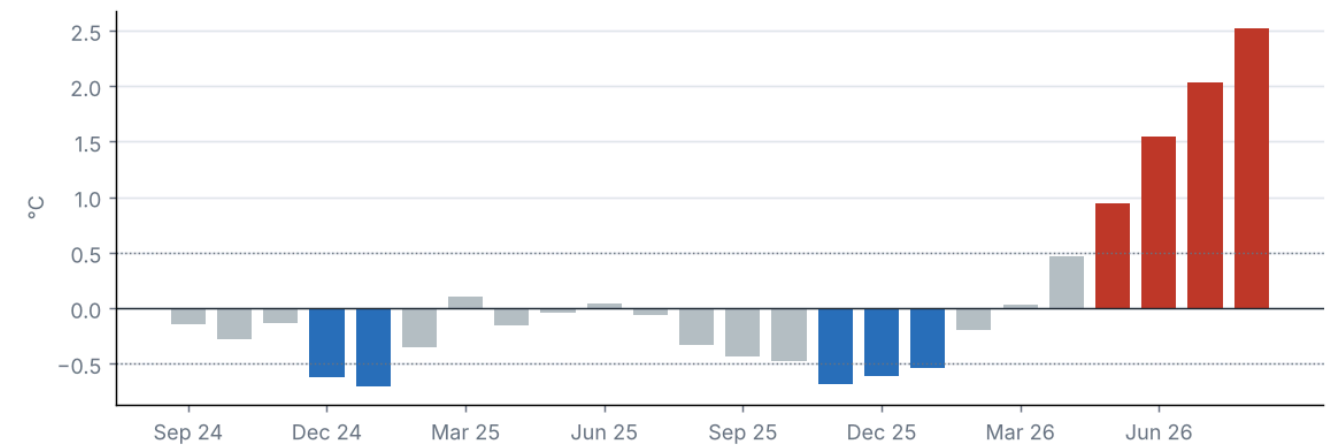
Weekly mean (OISST v2.1)

Source: NOAA CPC

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

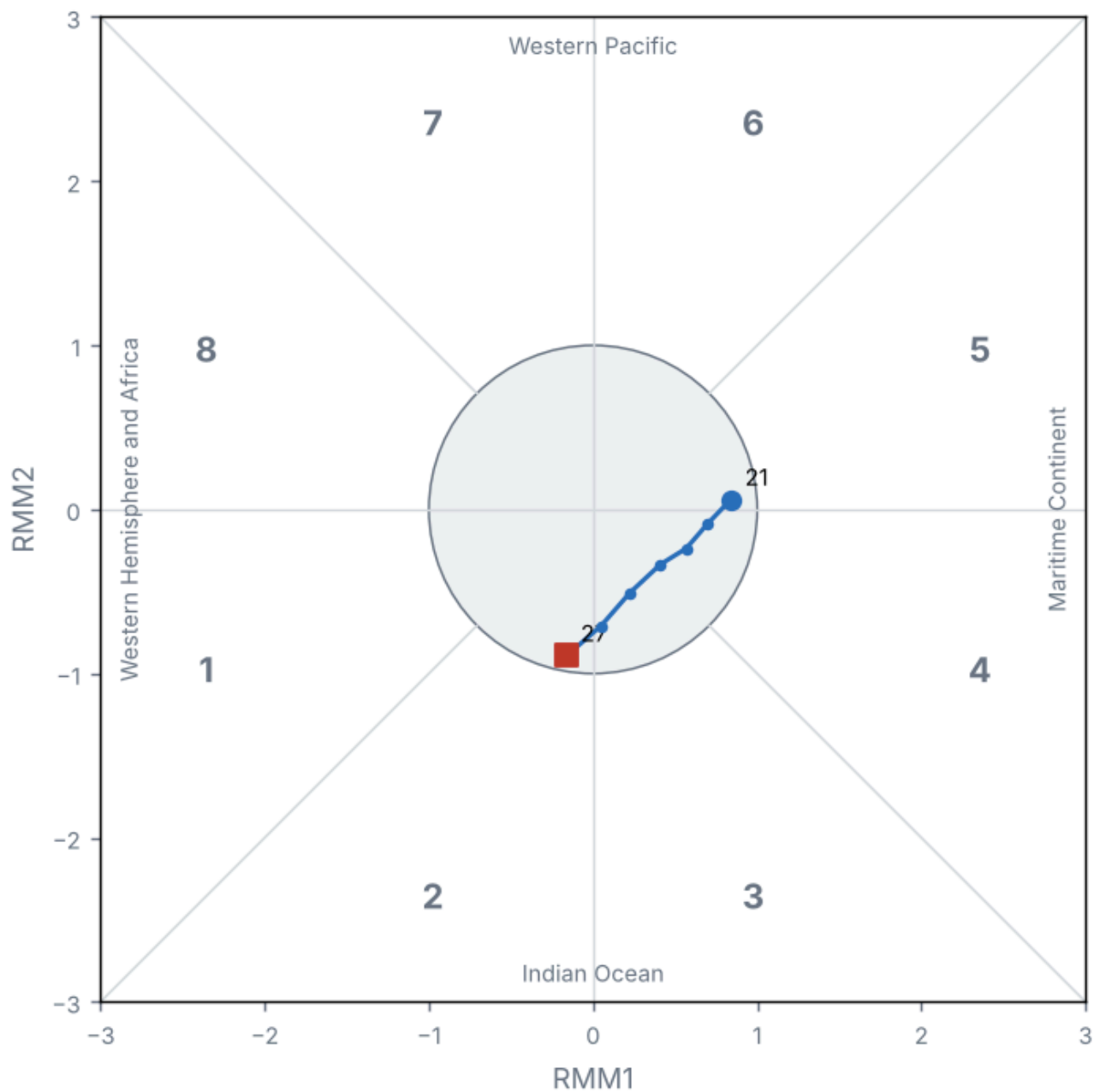
Source: NOAA CPC

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



Source: NOAA CPC

MJO phase diagram (real-time OMI)



Source: NOAA PSL

The Niño 3.4 anomaly was +3.10 °C (+0.10 °C relative to the preceding period).

The MJO was weak or inactive (amplitude below 1 on every day; mean 0.7).

3 Precipitation

National precipitation

29.6 mm

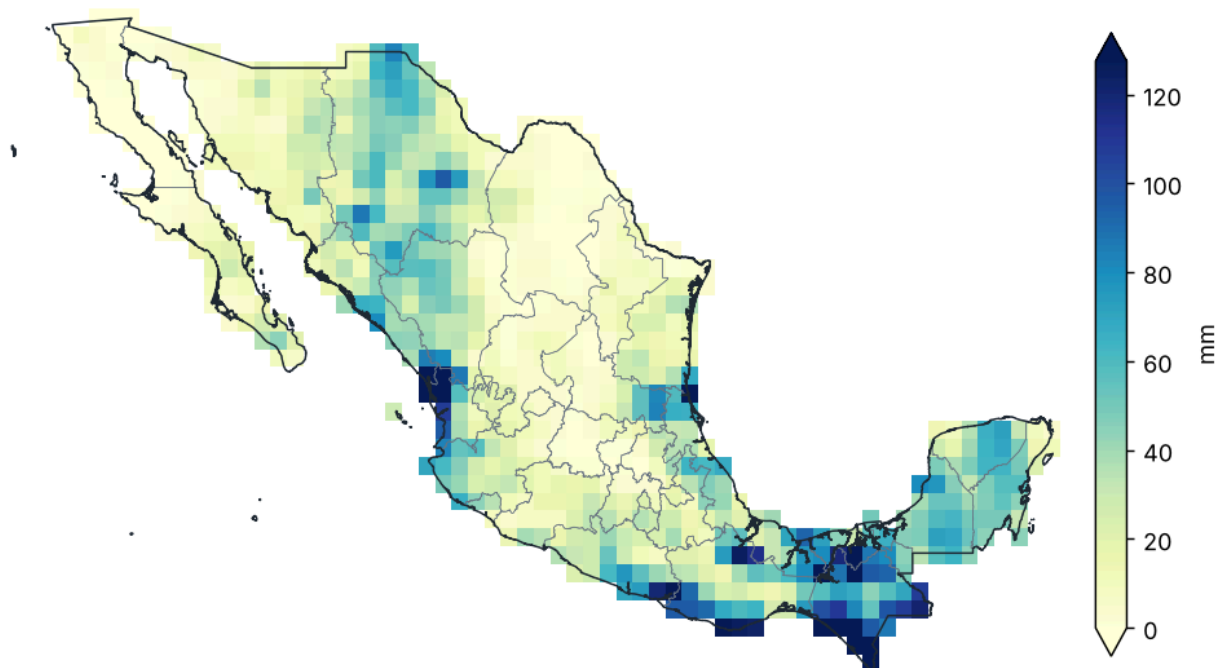
96% of normal (normal 31.0)

Near normal

27th driest of 48 (1979–
2026)

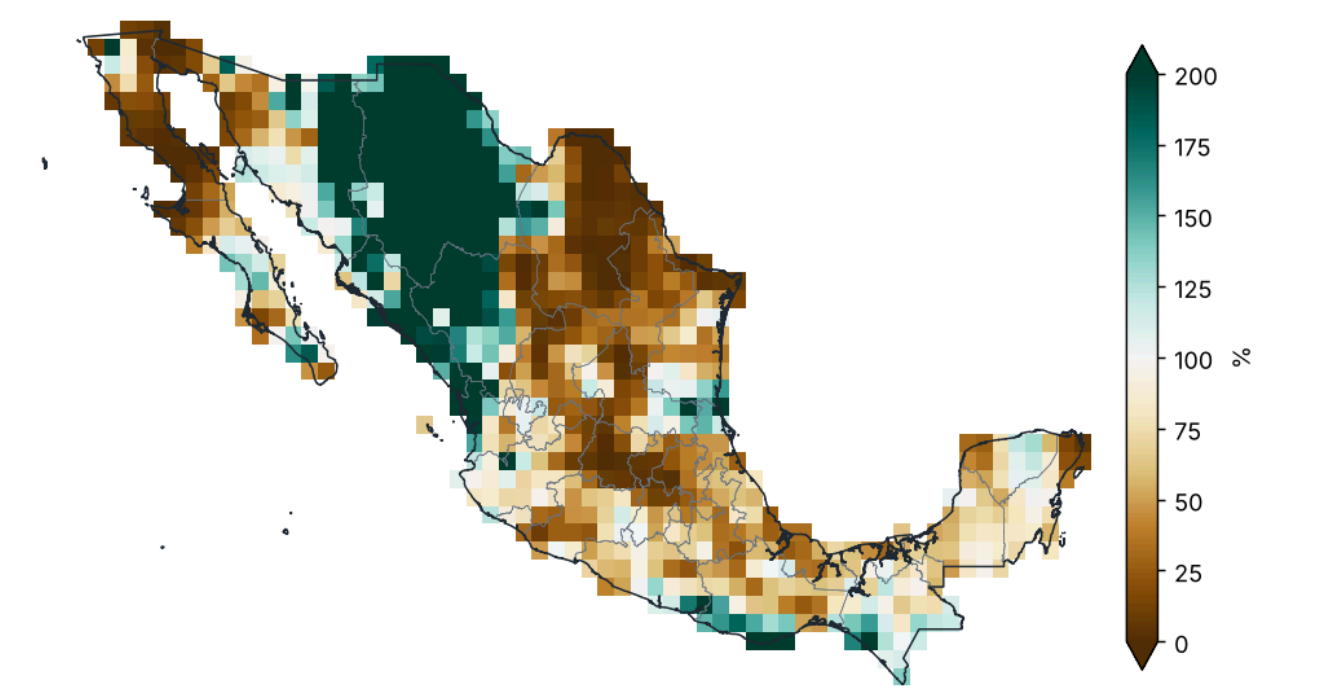
Source: NOAA CPC / PSL

Accumulated precipitation



Source: NOAA CPC / PSL

Percent of normal precipitation (1991–2020)



Source: NOAA CPC / PSL

Precipitation by region

Region	Total (mm)	Normal (mm)	Difference (%)	Category
Northwest	15.0	10.2	46.6	Above normal
North	26.9	13.1	106.0	Much above normal
Northeast	13.6	29.1	-53.3	Below normal
North-central	12.0	18.2	-34.3	Below normal
West-central	26.0	30.0	-13.3	Near normal
Central	19.5	39.5	-50.6	Below normal
South	66.5	67.6	-1.6	Near normal
East	54.6	89.1	-38.7	Below normal
Yucatán Peninsula	48.4	65.8	-26.5	Below normal

Source: NOAA CPC / PSL

Stations with the largest precipitation excess

Region	State	Station	Altitude (m)	Anomaly (%)
North	Coahuila	Saltillo	1790.0	2329.5
Northwest	Baja California Sur	La Paz (City)	18.0	863.1
North	Durango	Durango	1872.0	481.3
North-central	San Luis Potosí	Rio Verde	983.0	271.8
Northwest	Baja California Sur	Ciudad Constitucion	48.0	254.6
West-central	Michoacán	Morelia	1913.0	204.6

Region	State	Station	Altitude (m)	Anomaly (%)
Northeast	Tamaulipas	Ciudad Victoria	355.0	203.9
North	Chihuahua	Temosachi (Obs)	1932.0	44.3

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
South	Chiapas	Tapachula	118.0	-86.0
Central	Tlaxcala	Tlaxcala De Xicontecatl (Dge)	2230.0	-71.3
Central	Estado de México	Toluca (Obs)	2726.0	-58.3
East	Veracruz	Jalapa	1389.0	-27.9
East	Veracruz	Hacienda Ylang Ylang Veracruz	16.0	-26.8
Northeast	Tamaulipas	Tampico	25.0	-3.5

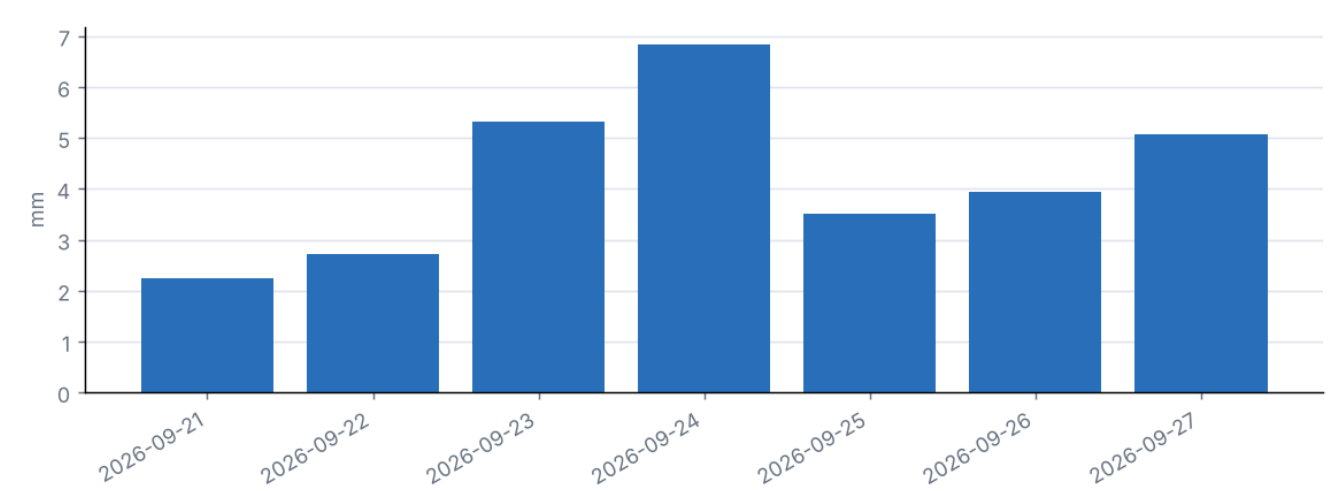
Source: NOAA NCEI

Largest 24-hour rainfall at stations

Station	State	Max 24 h rainfall (mm)	Date
Oaxaca	Oaxaca	59.0	2026-09-24
Ciudad Victoria	Tamaulipas	56.1	2026-09-23
Colotlan	Jalisco	50.7	2026-09-23
Chilpancingo Ro.	Guerrero	47.7	2026-09-26
La Paz (City)	Baja California Sur	46.3	2026-09-23
Zamora	Michoacán	45.4	2026-09-26
Morelia	Michoacán	45.4	2026-09-26
Durango	Durango	44.2	2026-09-25
Villahermosa	Tabasco	40.3	2026-09-26
Rio Verde	San Luis Potosí	39.8	2026-09-24

Source: NOAA NCEI

Daily national mean precipitation



Source: NOAA CPC / PSL

National accumulated precipitation was 29.6 mm, 95% of the 1991–2020 average (31.0 mm), category “Near normal”. It was the 27th driest week 39 in the 1979–2026 series.

The region with the highest percentage of normal was North (206%) and the lowest was Northeast (47%).

The largest daily grid-cell total was estimated on 27 September in Nayarit (143.8 mm).

Source: NOAA CPC / PSL

4 Temperature

Mean temperature

25.9 °C

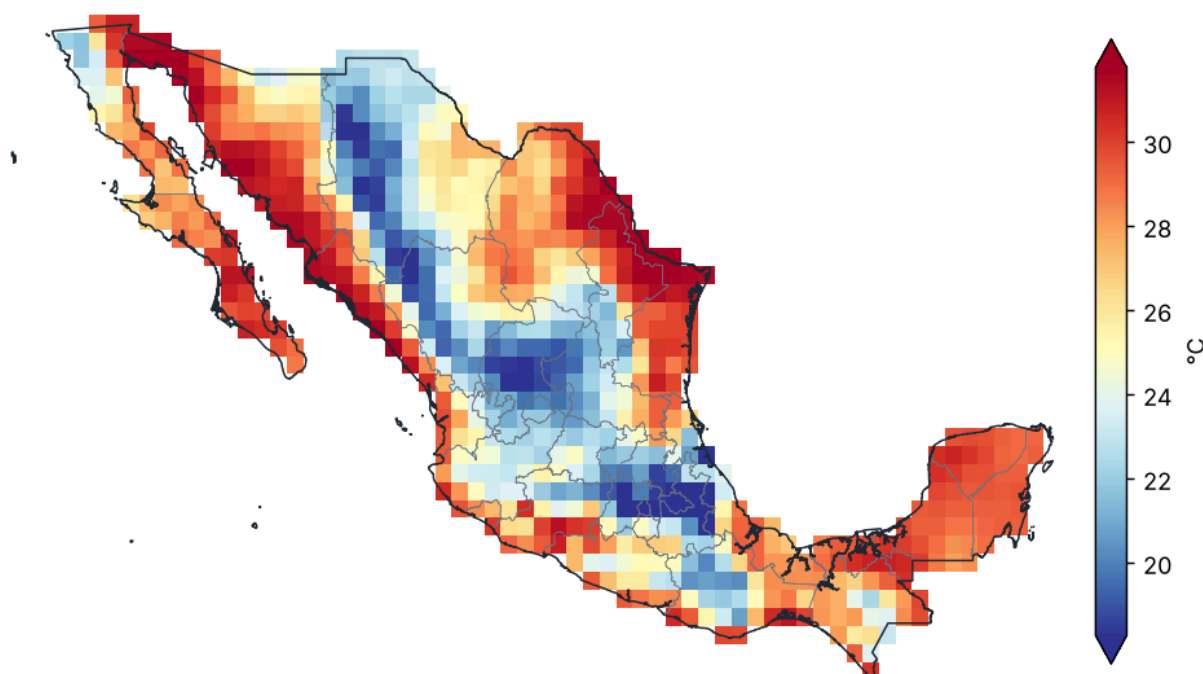
+1.7 °C vs. normal (normal 24.2)

Well above normal

2nd warmest of 48 (1979–2026)

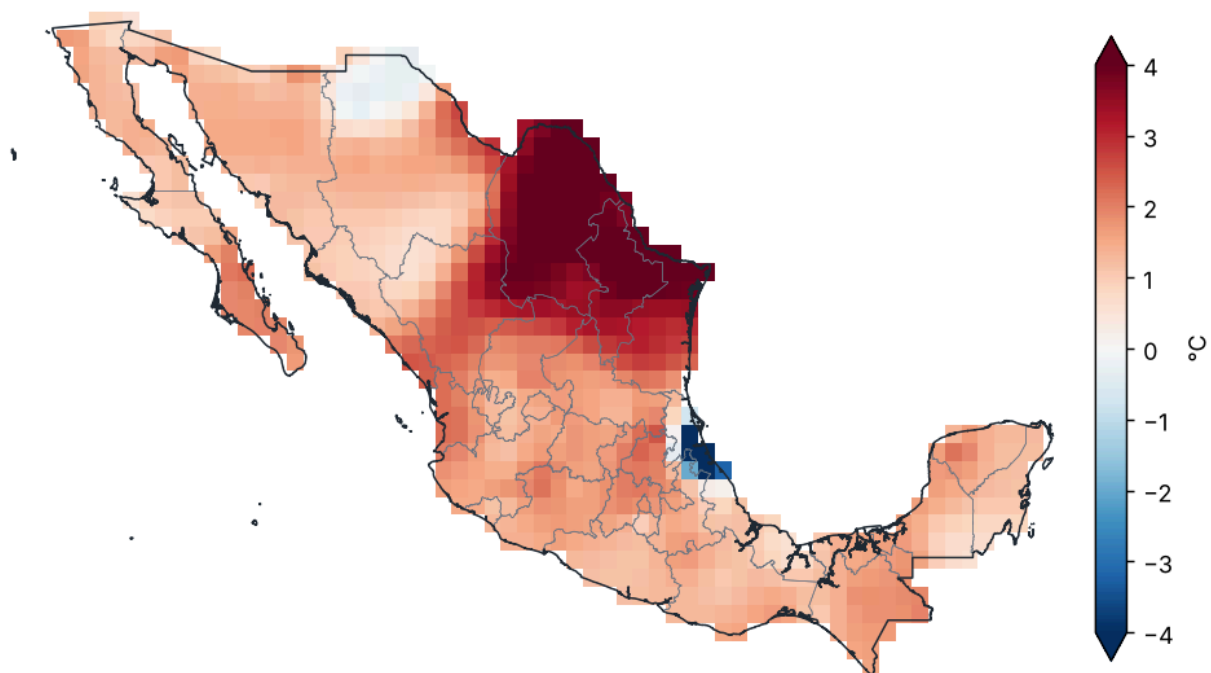
Source: NOAA CPC / PSL

Mean temperature



Source: NOAA CPC / PSL

Mean temperature anomaly (1991–2020)



Source: NOAA CPC / PSL

The national mean temperature was 25.9 °C, 1.7 °C above the 1991–2020 average (24.2 °C), category "Well above normal". It was the 2nd warmest week 39 in the 1979–2026 series.

By region, the largest anomaly was in Northeast (+3.4 °C) and the smallest in East (+0.2 °C).

Source: NOAA CPC / PSL

Maximum temperature

32.1 °C

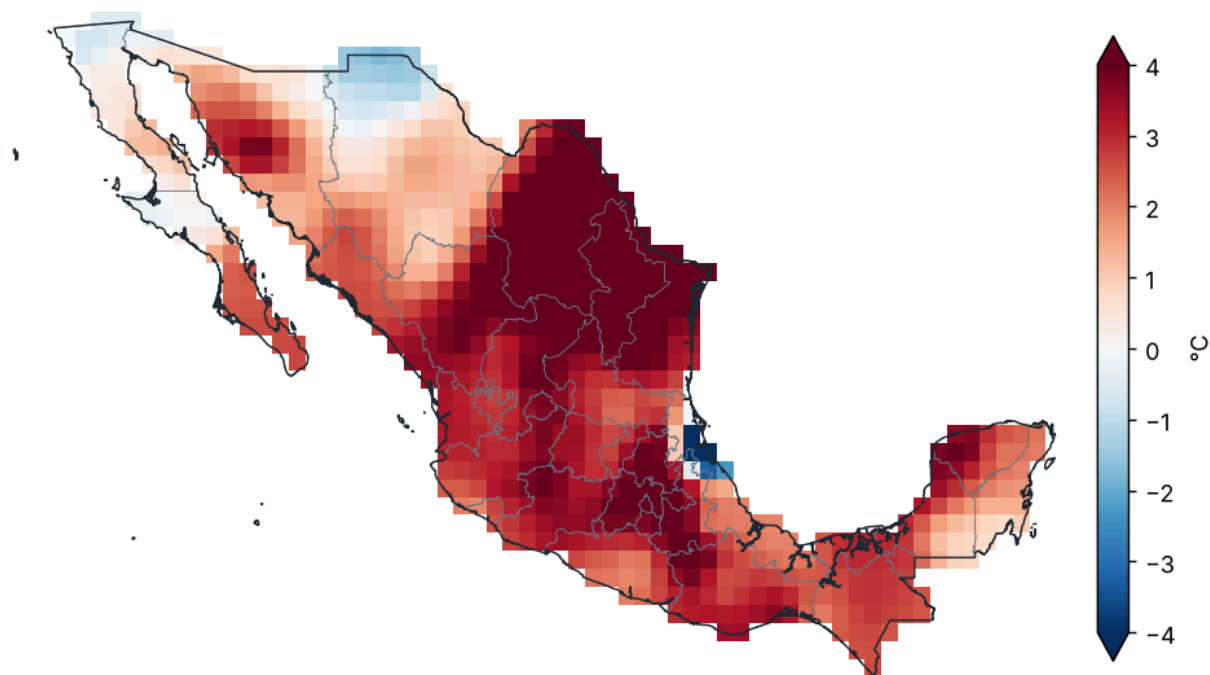
+2.6 °C vs. normal (normal 29.5)

Extremely above normal

2nd warmest of 48 (1979–2026)

Source: NOAA CPC / PSL

Maximum temperature anomaly (1991–2020)



Source: NOAA CPC / PSL

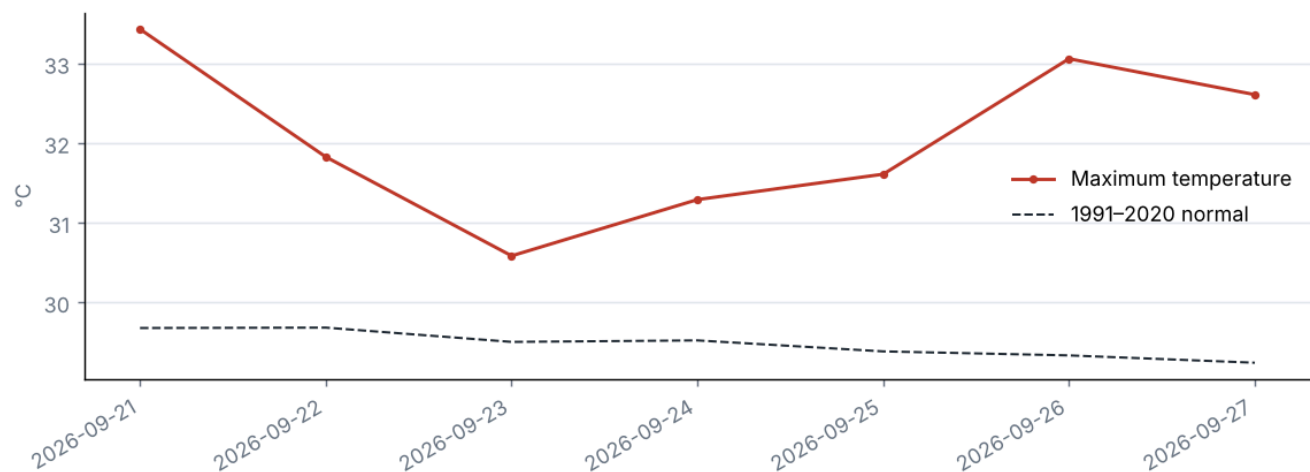
Lowest and highest monthly mean maximum temperature by region

Region	Lowest value (°C)	Station	Highest value (°C)	Station
East	30.4	Orizaba, Ver.	31.3	Coatzacoalcas, Ver.

Station monthly means (GHCN-Daily, ≥ 80% of days with data).

Source: NOAA NCEI

Daily national maximum temperature



Source: NOAA CPC / PSL

The national maximum temperature was 32.1 °C, 2.6 °C above the 1991–2020 average (29.5 °C), category “Extremely above normal”. It was the 2nd warmest week 39 in the 1979–2026 series.

By region, the largest anomaly was in Northeast (+4.7 °C) and the smallest in East (+1.4 °C).

Source: NOAA CPC / PSL

Minimum temperature

19.7 °C

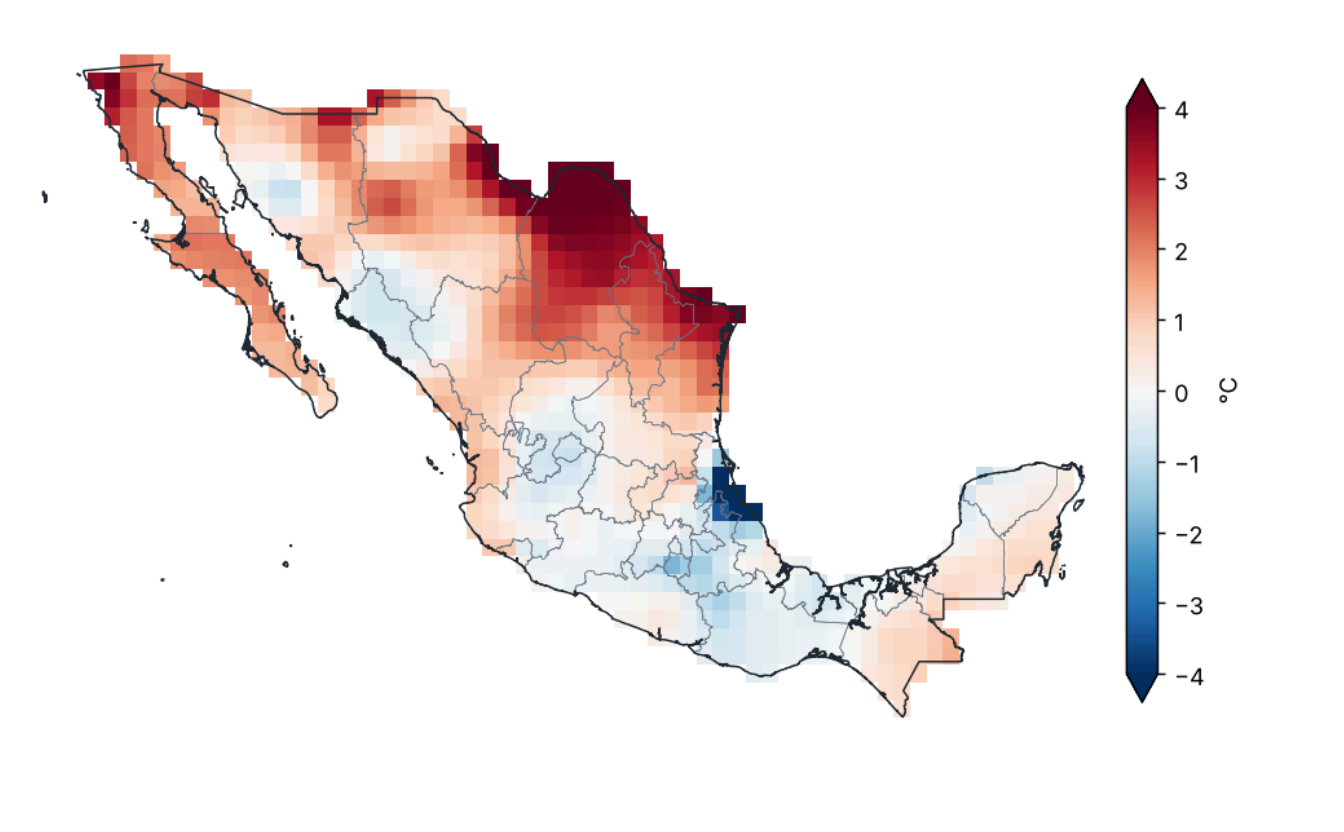
+0.8 °C vs. normal (normal 18.9)

Slightly above normal

3rd warmest of 48 (1979–2026) (tied with 2005, 2024, 2025)

Source: NOAA CPC / PSL

Minimum temperature anomaly (1991–2020)



Source: NOAA CPC / PSL

Lowest and highest monthly mean minimum temperature by region

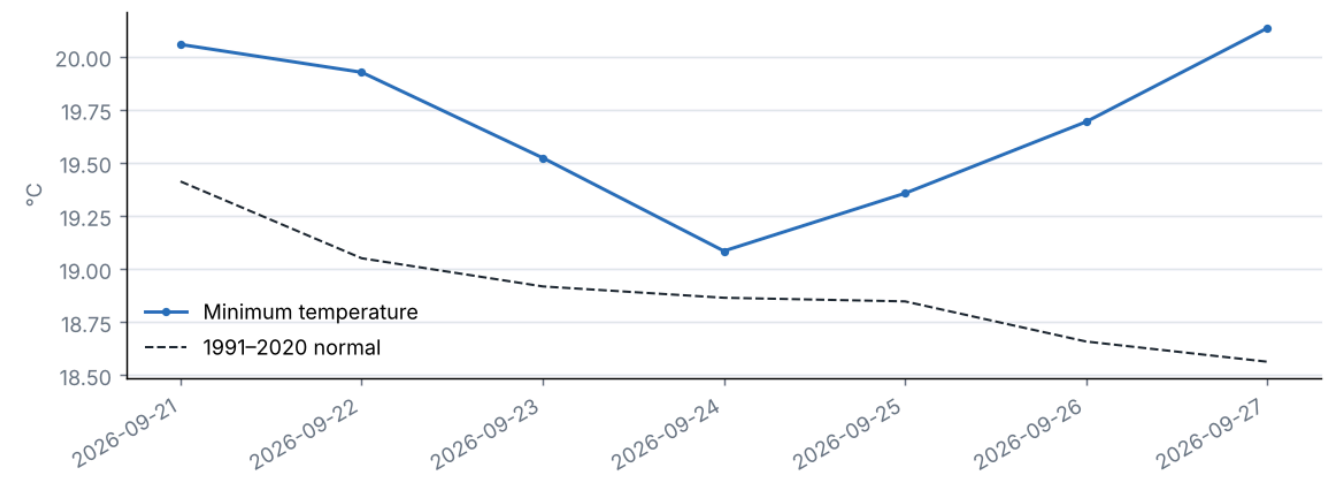
Region	Lowest value (°C)	Station	Highest value (°C)	Station
Northwest	21.2	Choix, Sin.	25.0	La Paz (City), B.C.S.

Region	Lowest value (°C)	Station	Highest value (°C)	Station
Yucatán Peninsula	24.7	Valladolid, Yuc.	25.1	Progreso, Yuc.

Station monthly means (GHCN-Daily, ≥ 80% of days with data).

Source: NOAA NCEI

Daily national minimum temperature



Source: NOAA CPC / PSL

The national minimum temperature was 19.7 °C, 0.8 °C above the 1991–2020 average (18.9 °C), category “Slightly above normal”. It was the 3rd warmest week 39 in the 1979–2026 series (tied with 2005, 2024, 2025).

By region, the largest anomaly was in Northeast (+2.2 °C) and the smallest in East (–1.0 °C).

Source: NOAA CPC / PSL

5 Climate extremes and records

Highest maximum temperature

39.8 °C

La Paz (City), B.C.S. · 2026-09-26

Lowest minimum temperature

11.4 °C

Comitan, Chis. · 2026-09-22

Highest 24 h rainfall

59.0 mm

Oaxaca, Oax. · 2026-09-24

Source: NOAA NCEI

Highest maximum temperature by state

State	Station	Temperature (°C)	Date
Baja California Sur	La Paz (City)	39.8	2026-09-26
Chiapas	Sn. Cristobal Las Casas	31.6	2026-09-21
Coahuila	Saltillo	35.3	2026-09-24
Jalisco	Ciudad Guzman	34.2	2026-09-26

State	Station	Temperature (°C)	Date
Oaxaca	Oaxaca	33.0	2026-09-26
San Luis Potosí	Rio Verde	39.5	2026-09-21
Sinaloa	Colonia Juan Carras	36.8	2026-09-26
Tamaulipas	Tampico	36.4	2026-09-21
Veracruz	Coatzacoalcos	35.5	2026-09-22
Yucatán	Valladolid	36.2	2026-09-23

Source: NOAA NCEI

Lowest minimum temperature by state

State	Station	Temperature (°C)	Date
Baja California Sur	La Paz (City)	17.7	2026-09-27
Chiapas	Comitan	11.4	2026-09-22
Sinaloa	Choix	14.0	2026-09-23
Tamaulipas	Tampico	18.0	2026-09-25
Veracruz	Orizaba	12.1	2026-09-27
Yucatán	Valladolid	23.8	2026-09-21

Source: NOAA NCEI

Station records broken

Station	State	Variable	New value	Date	Previous record	Previous date
Guadalajara	Jalisco	Highest maximum temperature	34.0	2026-09-27	32.7	2023-09-13
Orizaba	Veracruz	Highest maximum temperature	32.4	2026-09-25	31.1	2020-09-01

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)	55.1	10.0	45.1	%
TN90p	Warm nights (Tmin > 90th percentile)	16.3	10.0	6.3	%
TX10p	Cool days (Tmax < 10th percentile)	1.5	10.0	-8.5	%
TN10p	Cold nights (Tmin < 10th percentile)	1.9	10.0	-8.1	%
FD	Frost days (Tmin < 0 °C)	0.0	0.0	-0.0	d
SU	Summer days (Tmax > 25 °C)	6.6	5.6	1.0	d
TR	Tropical nights (Tmin > 20 °C)	3.6	3.0	0.6	d
WSDI	Warm spell days (≥ 6 days)	1.2	—	—	d
CSDI	Cold spell days (≥ 6 days)	0.0	—	—	d
Rx1day	Maximum 1-day precipitation	14.9	15.1	-0.1	mm
Rx5day	Maximum 5-day precipitation	27.0	28.1	-1.1	mm
CDD	Consecutive dry days (< 1 mm)	3.1	3.7	-0.6	d
CWD	Consecutive wet days (≥ 1 mm)	2.5	2.3	0.3	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

6 Drought

The SPI is computed from monthly totals; see the latest monthly report (SPI).

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
Polo	Eastern North Pacific	Category 5 hurricane	287	2026-09-17	2026-09-30	115	—	—

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 (Polo).

9 Outlook

Weekly reports do not include a forecast yet; see the outlook in the latest monthly report (NMME seasonal forecast).

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 (Tmax + Tmin)/2. Precipitation: CPC. 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
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.

Source	Product	License	Citation
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 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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