

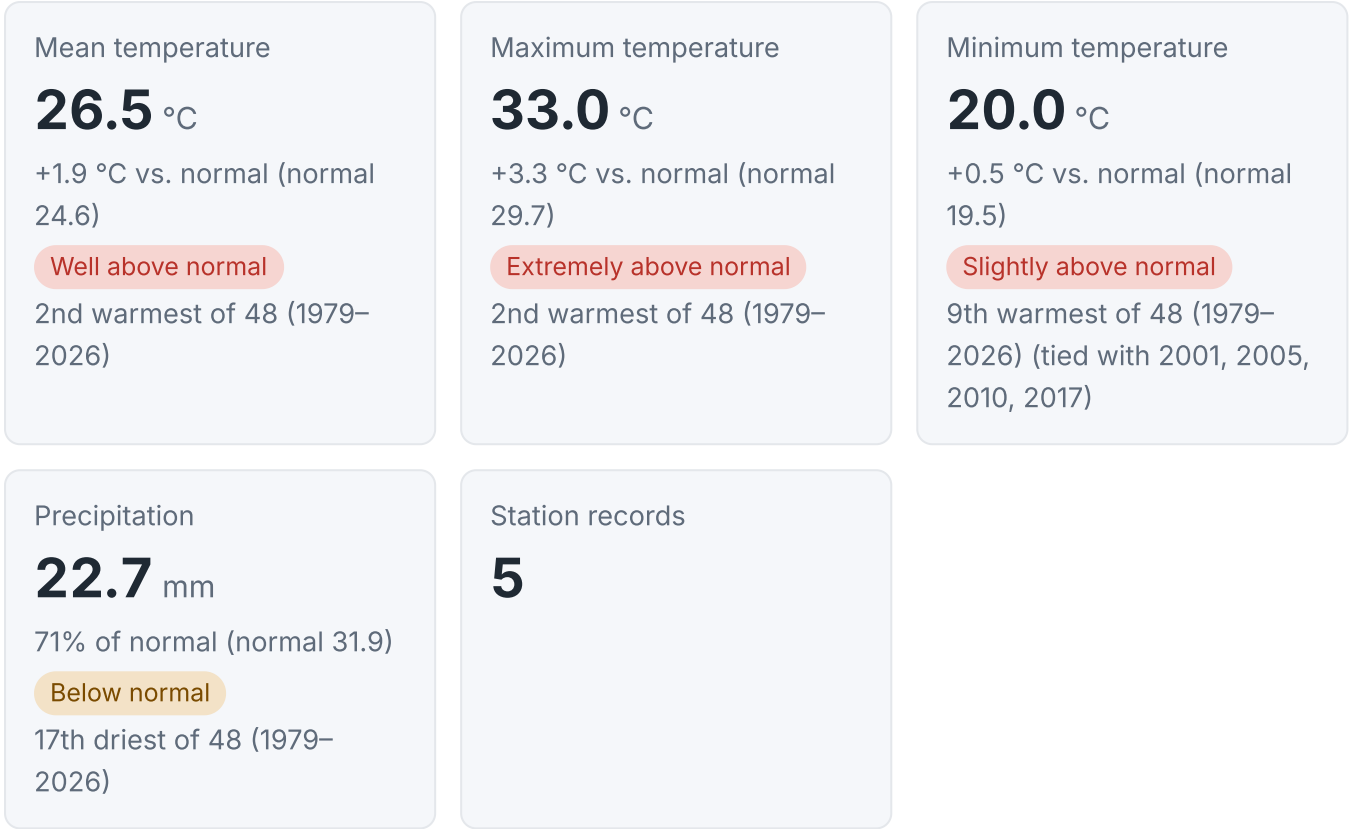
Week 38, 2026 (14–20 September)

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

1 Key messages and climate synopsis

- National mean temperature of 26.5 °C (+1.9 °C relative to 1991–2020): the 2nd warmest week 38 in the 1979–2026 series.
- National precipitation of 22.7 mm, 71% of normal: the 17th driest week 38 in the 1979–2026 series.
- The highest maximum temperature at GHCN stations was 39.8 °C at Ciudad Constitucion, B.C.S. on 18 September.
- The largest 24-hour rainfall at GHCN stations was 94.6 mm at La Paz (City), B.C.S. on 16 September.
- 5 station records were broken (stations with at least 20 years of data).
- Maximum temperature exceeded its 90th percentile on 66% of days (national mean; 10% expected).
- Heat waves of national extent: 1; cold waves: 0.
- El Niño conditions of strong intensity in the equatorial Pacific (ONI JJA 2026: +1.8 °C).

Source: NOAA CPC / PSL



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	4.6	0.0
Niño 3	3.8	0.1
Niño 3.4	3.0	0.2
Niño 4	1.0	0.2

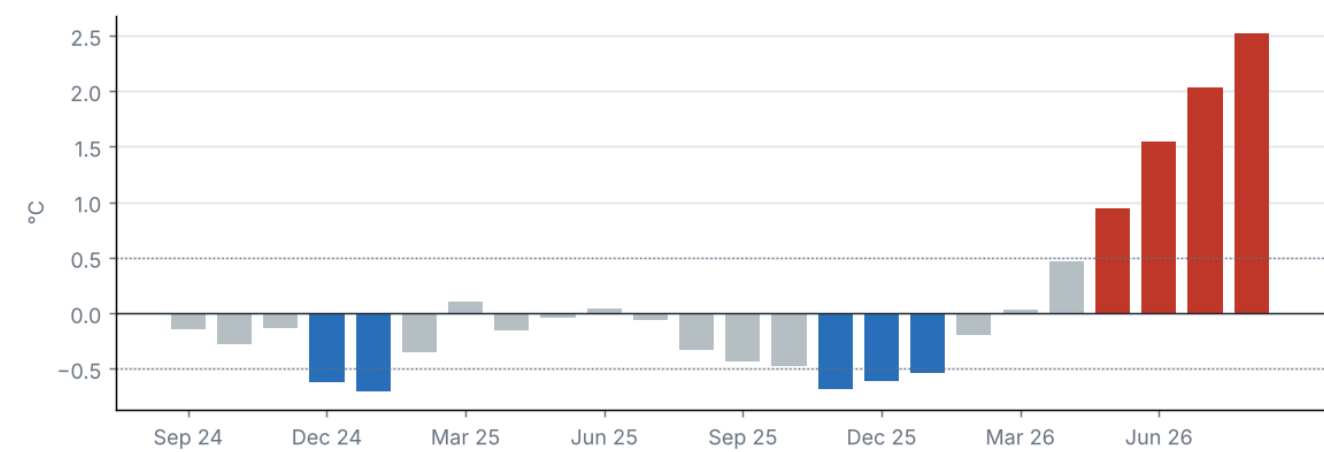
Weekly mean (OISST v2.1)

Source: NOAA CPC

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

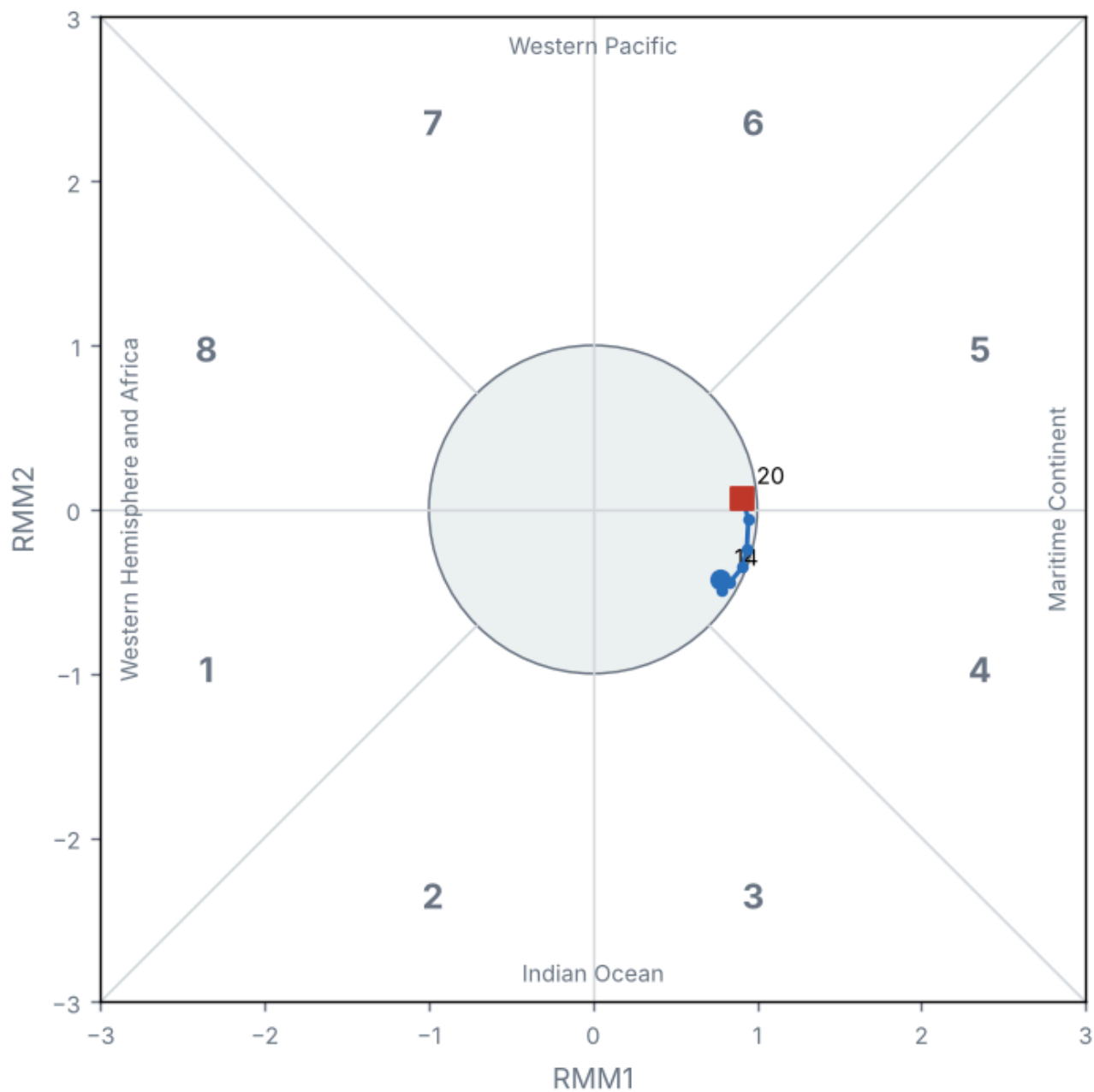
Source: NOAA CPC

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 +3.00 °C (+0.20 °C relative to the preceding period).

The MJO was weak or inactive (amplitude below 1 on every day; mean 0.9).

3 Precipitation

National precipitation

22.7 mm

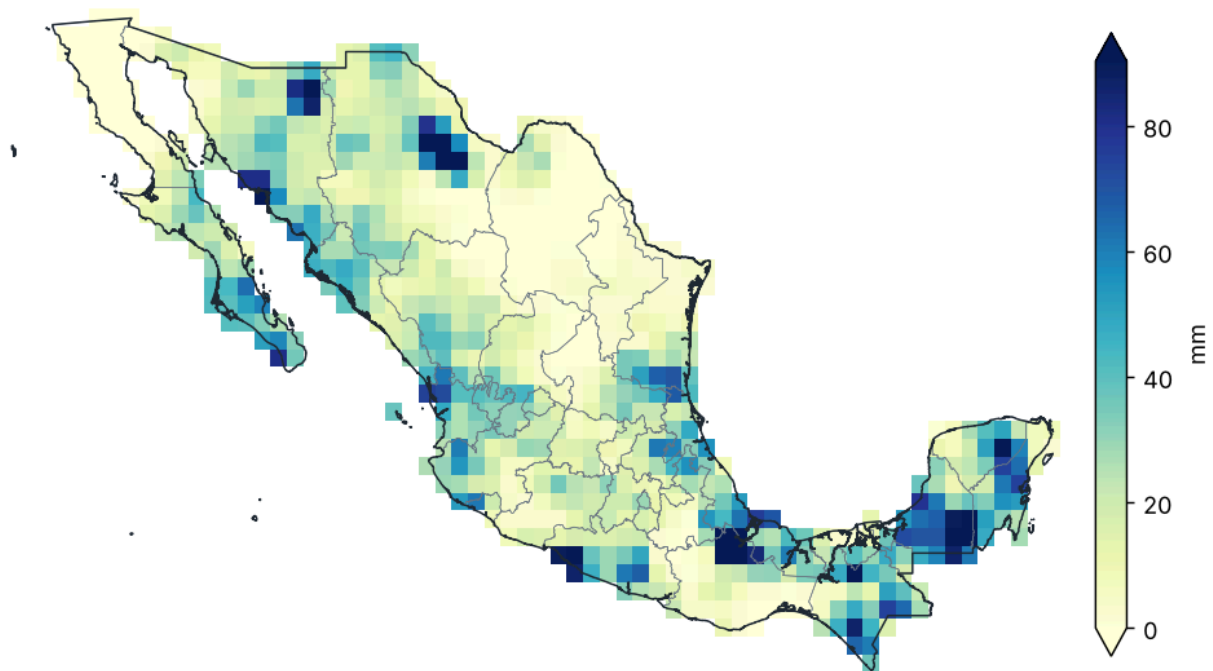
71% of normal (normal 31.9)

Below normal

17th driest of 48 (1979–2026)

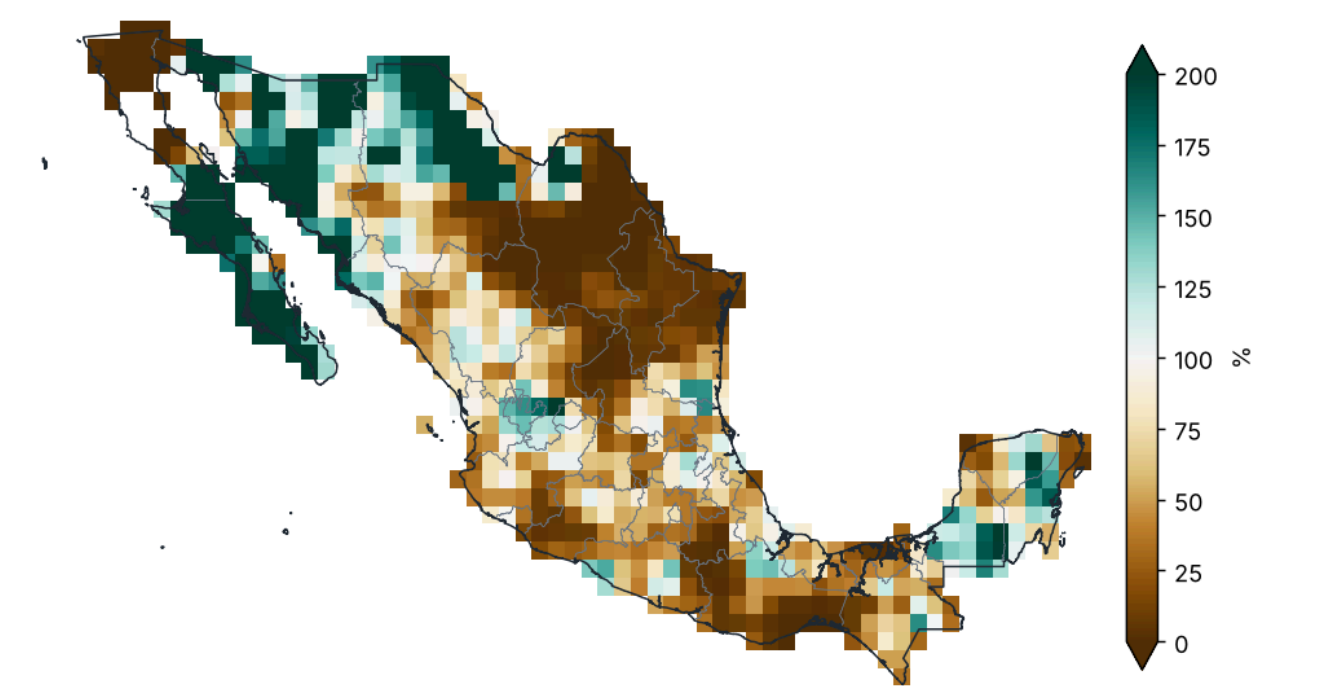
Source: NOAA CPC / PSL

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	24.0	14.4	66.7	Much above normal
North	16.3	19.0	-14.3	Near normal
Northeast	10.5	40.5	-74.2	Much below normal
North-central	13.6	25.3	-46.2	Below normal
West-central	22.9	39.2	-41.7	Below normal
Central	19.3	39.0	-50.4	Below normal
South	29.6	60.2	-50.8	Below normal
East	37.1	61.8	-39.9	Below normal
Yucatán Peninsula	45.7	42.0	8.8	Near normal

Source: NOAA CPC / PSL

Stations with the largest precipitation excess

Region	State	Station	Altitude (m)	Anomaly (%)
Northwest	Baja California Sur	La Paz (City)	18.0	2297.3
North	Coahuila	Saltillo	1790.0	745.2
Northwest	Baja California Sur	Ciudad Constitucion	48.0	732.8
Central	Hidalgo	Tulancingo	2181.0	533.8
North	Durango	Durango	1872.0	278.0
South	Chiapas	Comitan	1646.0	114.8

Region	State	Station	Altitude (m)	Anomaly (%)
Central	Tlaxcala	Tlaxcala De Xicontecatl (Dge)	2230.0	50.0
Northwest	Sinaloa	Colonia Juan Carras	4.0	37.7
East	Veracruz	Jalapa	1389.0	29.9
North	Chihuahua	Temosachi (Obs)	1932.0	26.7

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	-100.0
South	Chiapas	Tapachula	118.0	-76.9
North-central	San Luis Potosí	Rio Verde	983.0	-71.7
Northeast	Tamaulipas	Tampico	25.0	-66.2
Central	Estado de México	Toluca (Obs)	2726.0	-48.9

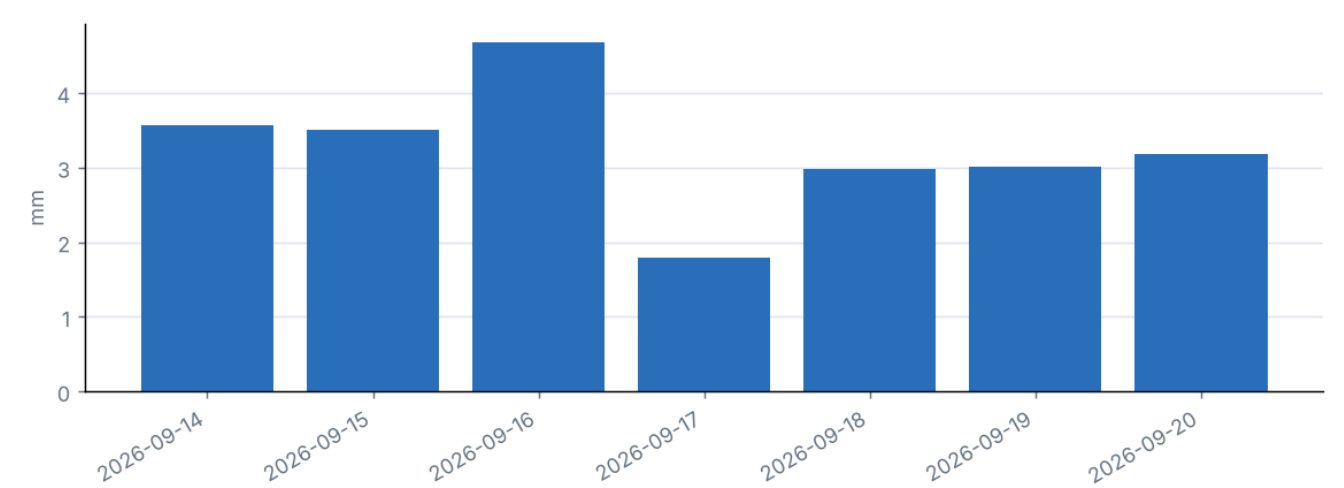
Source: NOAA NCEI

Largest 24-hour rainfall at stations

Station	State	Max 24 h rainfall (mm)	Date
La Paz (City)	Baja California Sur	94.6	2026-09-16
Ciudad Constitucion	Baja California Sur	55.8	2026-09-16
Villahermosa	Tabasco	53.7	2026-09-19
Zacatecas Zac. (La Bufa	Zacatecas	50.8	2026-09-16
Saltillo	Coahuila	45.4	2026-09-16
Colonia Juan Carras	Sinaloa	43.2	2026-09-17
Tuxpan.Ver.	Veracruz	39.6	2026-09-19
Tulancingo	Hidalgo	35.0	2026-09-16
Comitan	Chiapas	31.0	2026-09-14
Ciudad Victoria	Tamaulipas	27.4	2026-09-20

Source: NOAA NCEI

Daily national mean precipitation



Source: NOAA CPC / PSL

National accumulated precipitation was 22.7 mm, 71% of the 1991–2020 average (31.9 mm), category “Below normal”. It was the 17th driest week 38 in the 1979–2026 series.

The region with the highest percentage of normal was Northwest (167%) and the lowest was Northeast (26%).

The largest daily grid-cell total was estimated on 16 September in Chihuahua (146.7 mm).

Source: NOAA CPC / PSL

4 Temperature

Mean temperature

26.5 °C

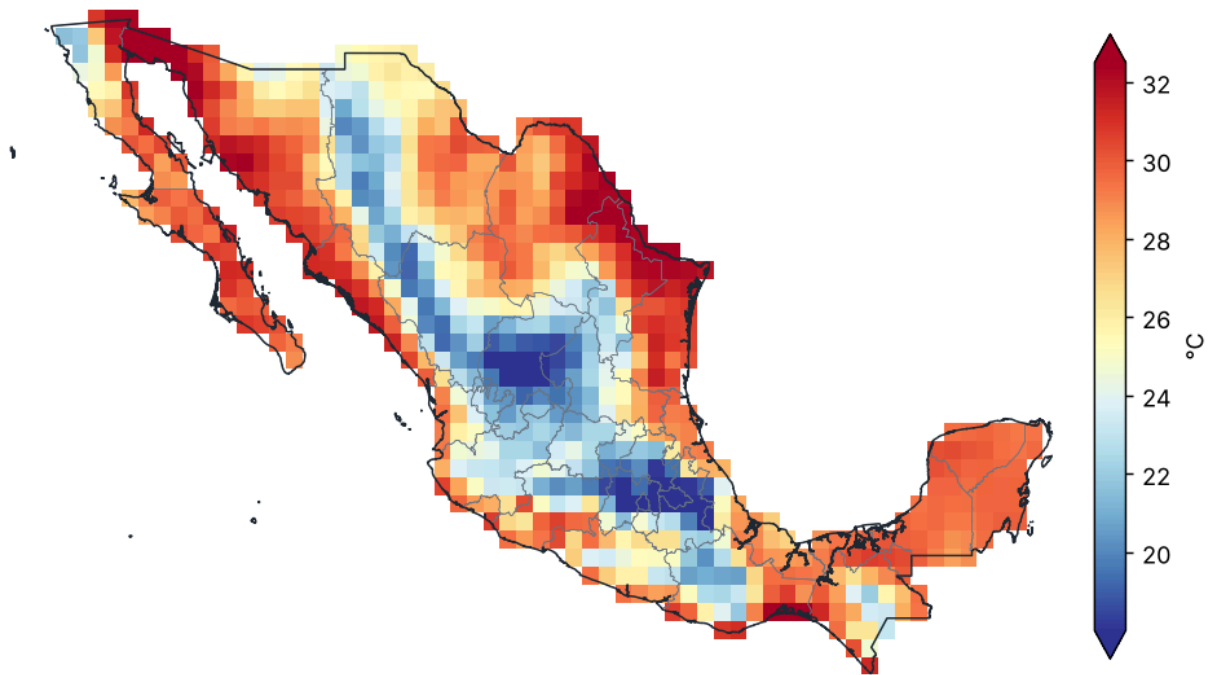
+1.9 °C vs. normal (normal
24.6)

Well above normal

2nd warmest of 48 (1979–
2026)

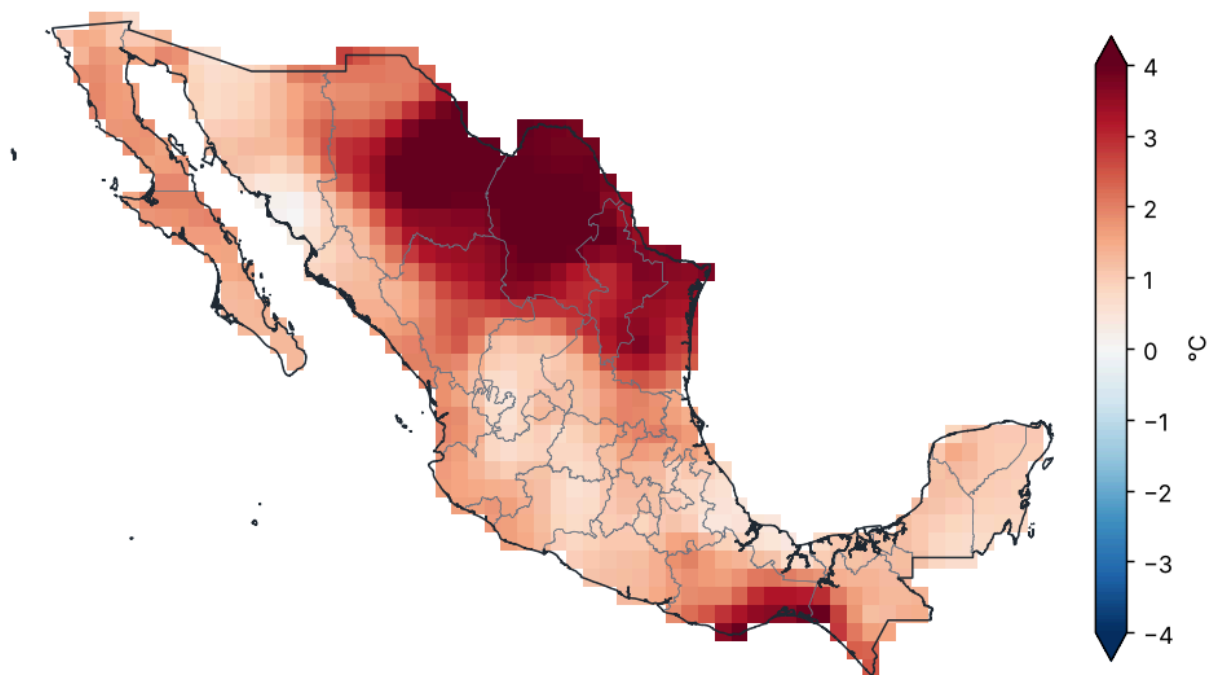
Source: NOAA CPC / PSL

Mean temperature



Source: NOAA CPC / PSL

Mean temperature anomaly (1991–2020)



Source: NOAA CPC / PSL

Stations with the largest positive anomaly

Region	State	Station	Altitude (m)	Anomaly (°C)
Northwest	Sinaloa	Colonia Juan Carras	4.0	0.4

Source: NOAA NCEI

The national mean temperature was 26.5 °C, 1.9 °C above the 1991–2020 average (24.6 °C), category “Well above normal”. It was the 2nd warmest week 38 in the 1979–2026 series.

By region, the largest anomaly was in Northeast (+3.3 °C) and the smallest in East (+1.0 °C).

Source: NOAA CPC / PSL

Maximum temperature

33.0 °C

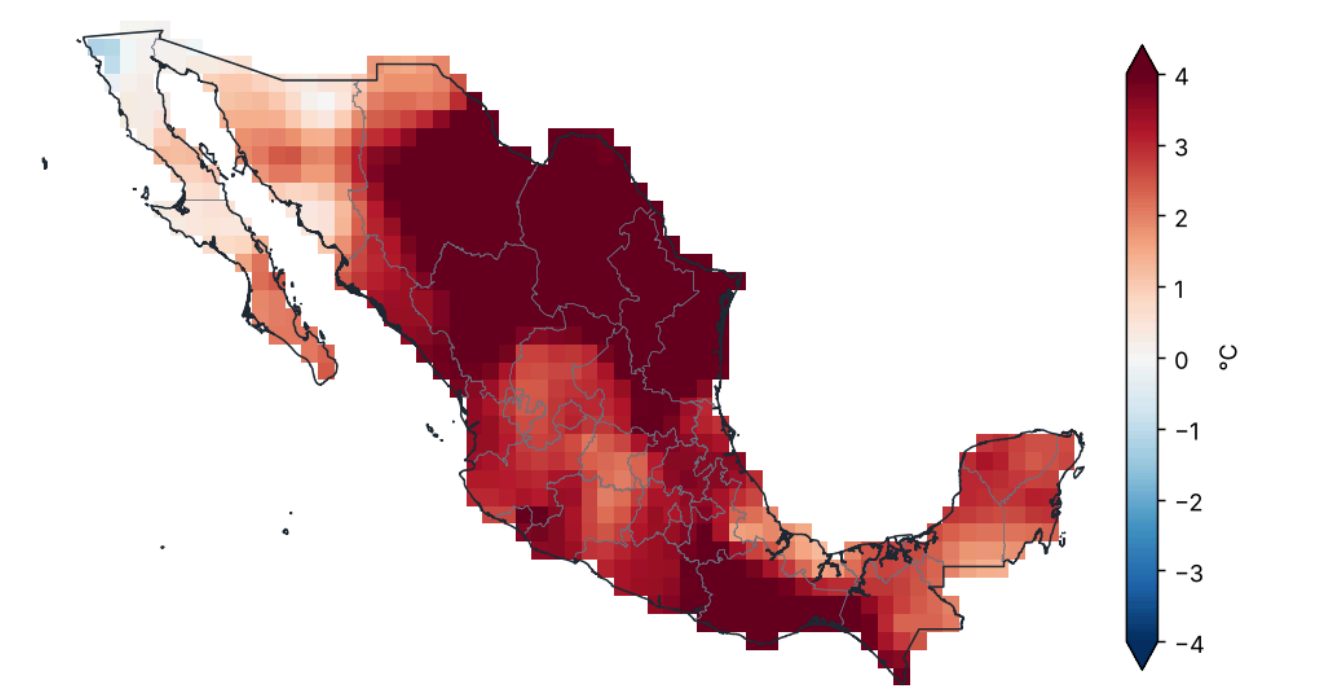
+3.3 °C vs. normal (normal 29.7)

Extremely above normal

2nd warmest of 48 (1979–2026)

Source: NOAA CPC / PSL

Maximum temperature anomaly (1991–2020)



Source: NOAA CPC / PSL

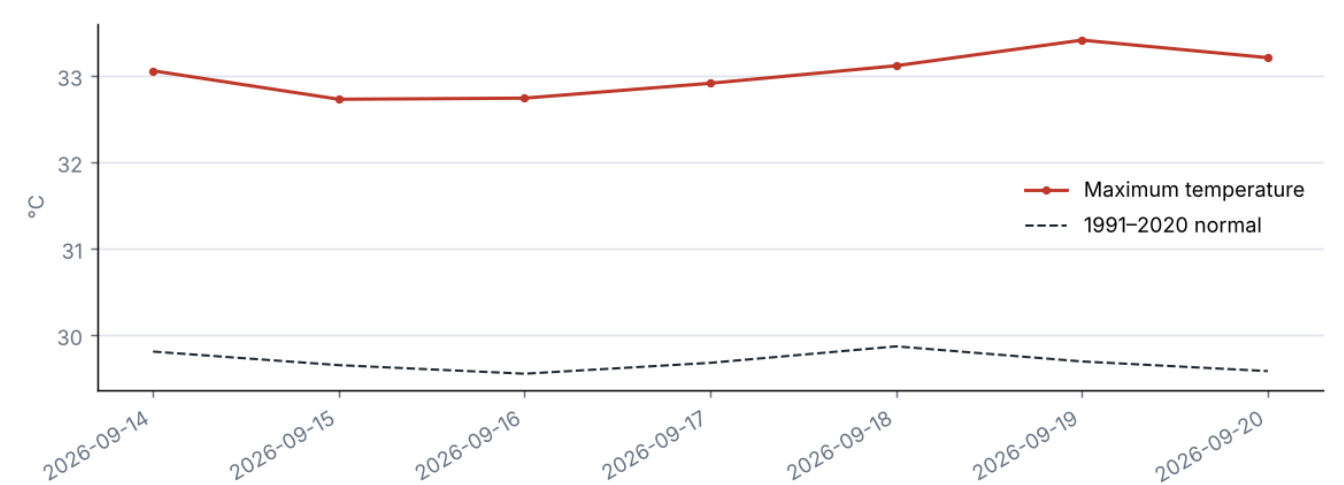
Lowest and highest monthly mean maximum temperature by region

Region	Lowest value (°C)	Station	Highest value (°C)	Station
Northwest	34.7	Colonia Juan Carras, Sin.	35.8	Ciudad Constitucion, B.C.S.

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 33.0 °C, 3.3 °C above the 1991–2020 average (29.7 °C), category “Extremely above normal”. It was the 2nd warmest week 38 in the 1979–2026 series.

By region, the largest anomaly was in Northeast (+5.1 °C) and the smallest in Northwest (+1.4 °C).

Source: NOAA CPC / PSL

Minimum temperature

20.0 °C

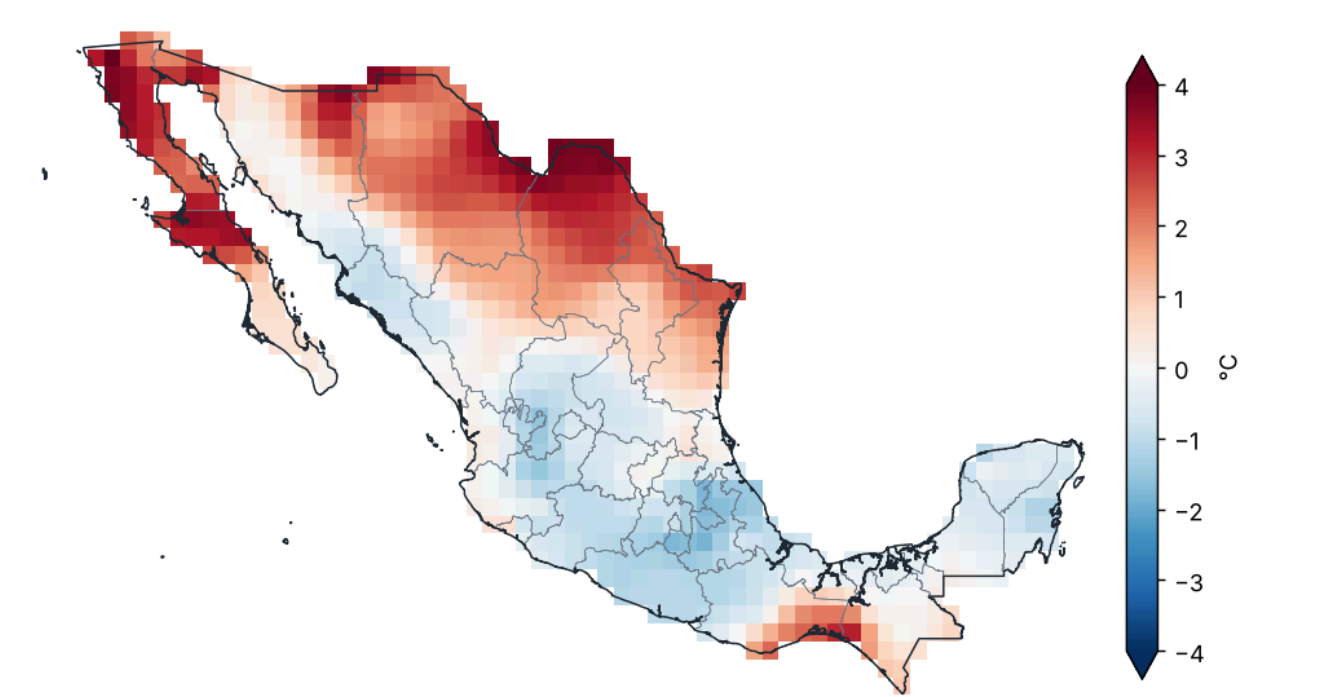
+0.5 °C vs. normal (normal 19.5)

Slightly above normal

9th warmest of 48 (1979–2026) (tied with 2001, 2005, 2010, 2017)

Source: NOAA CPC / PSL

Minimum temperature anomaly (1991–2020)



Source: NOAA CPC / PSL

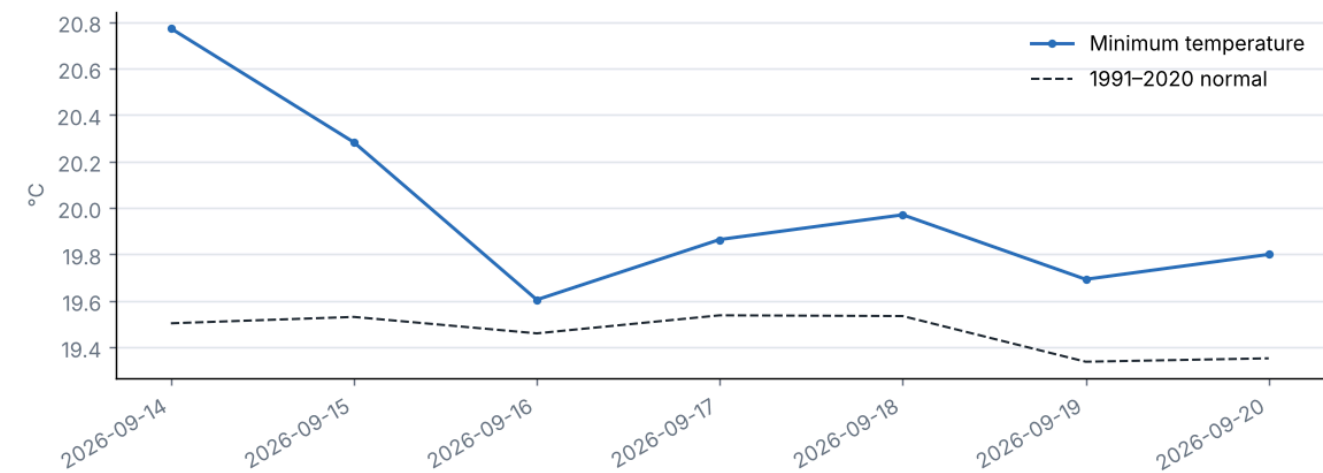
Lowest and highest monthly mean minimum temperature by region

Region	Lowest value (°C)	Station	Highest value (°C)	Station
East	13.8	Jalapa, Ver.	21.4	Tuxpan.Ver., Ver.

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 20.0 °C, 0.5 °C above the 1991–2020 average (19.5 °C), category “Slightly above normal”. It was the 9th warmest week 38 in the 1979–2026 series (tied with 2001, 2005, 2010, 2017).

By region, the largest anomaly was in North (+1.8 °C) and the smallest in Central (–1.0 °C).

Source: NOAA CPC / PSL

5 Climate extremes and records

Highest maximum temperature

39.8 °C

Ciudad Constitucion, B.C.S. · 2026-09-18

Lowest minimum temperature

11.2 °C

Jalapa, Ver. · 2026-09-17

Highest 24 h rainfall

94.6 mm

La Paz (City), B.C.S. · 2026-09-16

Source: NOAA NCEI

Highest maximum temperature by state

State	Station	Temperature (°C)	Date
Baja California Sur	Ciudad Constitucion	39.8	2026-09-18
Chiapas	Comitan	33.9	2026-09-14
Durango	Durango	37.6	2026-09-18
Jalisco	Guadalajara	34.4	2026-09-17
Michoacán	Zamora	36.0	2026-09-18
Sinaloa	Colonia Juan Carras	38.0	2026-09-17
Tamaulipas	Tampico	38.6	2026-09-17

State	Station	Temperature (°C)	Date
Veracruz	Tuxpan.Ver.	38.4	2026-09-18
Yucatán	Valladolid	35.4	2026-09-16

Source: NOAA NCEI

Lowest minimum temperature by state

State	Station	Temperature (°C)	Date
Chiapas	Comitan	11.7	2026-09-16
Guerrero	Chilpancingo Ro.	12.8	2026-09-19
Sinaloa	Choix	18.4	2026-09-18
Tamaulipas	Tampico	15.8	2026-09-17
Veracruz	Jalapa	11.2	2026-09-17
Yucatán	Valladolid	22.1	2026-09-20

Source: NOAA NCEI

Station records broken

Station	State	Variable	New value	Date	Previous record	Previous date
Durango	Durango	Highest maximum temperature	37.6	2026-09-18	37.4	2023-09-26
Colonia Juan Carras	Sinaloa	Highest maximum temperature	38.0	2026-09-17	36.8	2023-09-05
Tampico	Tamaulipas	Lowest minimum temperature	15.8	2026-09-17	17.0	2020-09-30
Guadalajara	Jalisco	Highest maximum temperature	34.4	2026-09-17	32.7	2023-09-13
Comitan	Chiapas	Highest maximum temperature	33.9	2026-09-14	32.4	1992-09-01

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)	66.1	10.0	56.1	%
TN90p	Warm nights (Tmin > 90th percentile)	16.0	10.0	6.0	%
TX10p	Cool days (Tmax < 10th percentile)	0.2	10.0	-9.8	%
TN10p	Cold nights (Tmin < 10th percentile)	5.6	10.0	-4.4	%
FD	Frost days (Tmin < 0 °C)	0.0	0.0	-0.0	d
SU	Summer days (Tmax > 25 °C)	6.8	5.8	1.0	d
TR	Tropical nights (Tmin > 20 °C)	3.8	3.3	0.5	d
WSDI	Warm spell days (≥ 6 days)	2.4	—	—	d
CSDI	Cold spell days (≥ 6 days)	0.0	—	—	d
Rx1day	Maximum 1-day precipitation	12.6	15.6	-3.0	mm
Rx5day	Maximum 5-day precipitation	20.6	28.6	-8.0	mm
CDD	Consecutive dry days (< 1 mm)	3.5	3.4	0.1	d
CWD	Consecutive wet days (≥ 1 mm)	2.0	2.4	-0.4	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
2026-09-14 – 2026-09-20	Heat wave	Up to 72% of the country above the 90th percentile of Tmax. Regions: 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

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

7 Severe weather and notable events

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

No tropical cyclone came within 300 km of the country.

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.
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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