

Package: ewarsmx (via r-universe)

October 25, 2026

Type Package

Title The ewarsmx package provides climatic and epidemiological data for the implementation of EWARS-CSD for dengue in Mexico.

Version 0.1.0

Description The ewarsmx package provides climatic and epidemiological data for the implementation of EWARS-CSD for dengue in Mexico. [EWARS-CSD](https://tdr.who.int/newsroom/news/item/21-09-2023-early-warning-and-response-system-for-dengue-outbreaks-in-mexico) is short of Early Warning and Response System for climate-sensitive diseases (EWARS-csd).

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Encoding UTF-8

LazyData true

Depends R (>= 3.5)

RoxygenNote 7.3.3

Suggests knitr, rmarkdown

VignetteBuilder knitr

Repository https://fdzul.r-universe.dev

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RemoteUrl https://github.com/fdzul/ewarsmx

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`climex`*climex*

Description

climex: daily climate dataset for each municipality in Mexico

Usage

`climex`

Format

A data.frame object with 5163223 rows and 7 variables:

cvegeo the ids.

latitude the latitude

longitude the longitude

date is the date

T2M temperature 2 m high

RH2M relative humidity at 2 m height

PRECTOTCORR corrected total precipitation ...

Details

climex provides the daily climate data for each municipality in Mexico, downloaded from the [NASA Prediction Of Worldwide Energy Resources (POWER)](<https://power.larc.nasa.gov>) using the Python package [climex](<https://github.com/fdzul/climex>). climex uses the [Data Requests API](<https://power.larc.nasa.gov/docs/tutorials/service-data-request/api/>). The time series covers the period from January 1, 2020, to September 30, 2025.

Source

<https://power.larc.nasa.gov/parameters/>

denmex	<i>denmex</i>
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Description

denmex: daily dengue dataset for each municipality in Mexico

Usage

denmex

Format

A data.frame object with 5156780 rows and 3 variables:

CVEGEO is id of municipality

date is the date

n dengue cases ...

Details

climex provides the daily dengue data for each municipality in Mexico, downloaded from the [datos abiertos DGE](<https://www.gob.mx/salud/documentos/datos-abiertos-152127>). The time series covers the period from January 1, 2020, to October 22, 2025 (two weeks delay).

Source

<https://www.gob.mx/salud/documentos/datos-abiertos-152127>

popmex	<i>popmex</i>
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Description

popmex: population dataset for each municipality in Mexico

Usage

popmex

Format

A data.frame object with 2469 rows and 3 variables:

CVEGEO id of municipality

nom_mun name of municipality

population population ...

Details

popmex provides population data for each municipality in Mexico, downloaded from the [INEGI]().

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