

Package: airqualityES (via r-universe)

July 19, 2024

Title Air Quality Measurements in Spain from 2011 to 2018

Version 1.0.0

Description These dataset contains daily quality air measurements in Spain over a period of 18 years (from 2001 to 2018). The measurements refer to several pollutants. These data are openly published by the Government of Spain. The datasets were originally spread over a number of files and formats. Here, the same information is contained in simple dataframe for convenience of researches, journalists or general public. See the Spanish Government website for more information.

Depends R (>= 3.4.0)

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Encoding UTF-8

LazyData true

Imports tibble (>= 2.1.3)

Suggests knitr, rmarkdown

URL <https://github.com/jdieramon/airqualityES>

BugReports <https://github.com/jdieramon/airqualityES/issues>

RoxygenNote 7.1.1

Repository <https://ropenspain.r-universe.dev>

RemoteUrl <https://github.com/rOpenSpain/airqualityES>

RemoteRef HEAD

RemoteSha 44afa2812cb94be029b4ef3035964d3cd8aa9854

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airqES

Air quality measurements in Spain

Description

Daily data referred to several pollutants (from 2001 to 2018).

Usage

```
data(airqES)
```

Format

A data.frame with 112,484 rows and columns:

- year, Year of measurement
- month, Month of measurement
- province, Province
- city, City
- station_id, Measurement station identifier
- pollutant, Pollutant name
- D01-D031, days 1-31 of measurement

Author(s)

Jose V. Die & Jose R. Caro

Source

Official data [Government of Spain](#).

airqualityES*airqualityES: Air quality measurements in Spain*

Description

airqualityES dataset contains daily quality air measurements from 2001 to 2018.

Author(s)

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See Also

Useful links:

- <https://github.com/jdieramon/airqualityES>
- Report bugs at <https://github.com/jdieramon/airqualityES/issues>

stations

Air stations in Spain

Description

Description of station features.

Usage

```
data(stations)
```

Format

A data.frame with 604 rows and columns:

- id, local identifier
- province_id, province identifier
- city_id, city identifier
- station, station identifier
- location_id, location identifier
- administration, official administration
- station_name, name of the station
- first_day, day of first record
- last_day, day of last record
- latitude, coordinates
- longitude, coordinates
- altitude, coordinates
- auton_commun, autonomous communities
- province, province
- city, city
- station_kind, kind of station
- area, area

Author(s)

Jose V. Die & Jose R. Caro

Source

Official data [Government of Spain](#).

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