Package: airqualityES (via r-universe)

August 18, 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

Contents

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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.

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airqualityES	*airqualityES: Air quality measurements in Spain*

Description

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

Author(s)

Jose V. Die <jose.die@uco.es>, Jose R. Caro

See Also

Useful links:

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

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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 recod
- 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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