

Package ‘comorosmaps’

May 8, 2026

Type Package

Title Comoro Islands Maps

Version 1.0.0

Description Maps of Comoro Islands. Layers include the country coastline, each island coastline and administrative regions boundaries.

License MIT + file LICENSE

Encoding UTF-8

RoxygenNote 7.2.0

Depends R (>= 2.10)

Imports sf, magrittr, dplyr,

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://github.com/hhousni/comorosmaps>

BugReports <https://github.com/hhousni/comorosmaps/issues>

NeedsCompilation no

Author Housni Hassani [aut, cre]

Maintainer Housni Hassani <happrend2@gmail.com>

Repository CRAN

Date/Publication 2022-06-06 09:00:08 UTC

Contents

anjouan	2
comoros	2
comorosmaps	3
grandeComore	4
moheli	4
Index	6

anjouan	<i>Anjouan</i>
---------	----------------

Description

Draw a map for Anjouan Island

Usage

```
anjouan(x = "anjouan", pref = FALSE)
```

Arguments

x	Name of the data set to use. The default is anjouan(), It draws Anjouan Island as one object without prefecture.
pref	Choose to map with prefecture area ("pref" = TRUE) or without prefecture area ("pref" = FALSE)

Value

The data set used is in sf format

Examples

```
## Map Anjouan Island.
anjouan ()
## Map Anjouan Island with prefecture area.
anjouan (pref = TRUE)
```

comoros	<i>Comoro Islands</i>
---------	-----------------------

Description

Draw maps of Comoros Islands.

Usage

```
comoros(x = "country", pref = FALSE)
```

Arguments

x	Name of the data set to use. The default is comoros(), It draws Comoro Islands as one object without commune.
pref	Choose to map with prefecture area ("pref" = TRUE) or without prefecture area ("pref" = FALSE)

Details

`comoros()` uses the `sf` package to plot by plotting the geometry rather than every column and leave the plot pref ready for overplotting with other data

Value

The data set used is in `sf` format

Examples

```
## Map Comoro Islands as one object without prefecture area
comoros()
## Map Comoro Islands as one object with prefecture area
comoros(x="country",pref=TRUE)
## Map Comoros Islands as 3 object (Grande Comore, Anjouan, Mohéli) without prefecture area.
comoros(x="island",pref=FALSE)
## Map Comoros Islands as 3 object (Grande Comore, Anjouan, Mohéli) with prefecture area
comoros(x="island",pref=TRUE)
```

comorosmaps

comorosmaps: Comoro Islands Maps

Description

A package for mapping Comoro Islands coastline and prefecture area. Data can be drawn or accessed directly as simple features objects. The package includes simple function for each Island: `grandeComore()`, `anjouan()`, `moheli()` and a function for the country `comoros()`

Author(s)

Housni Hassani happrend2@gmail.com

See Also

Useful links:

- <https://github.com/hhousni/comorosmaps>
- Report bugs at <https://github.com/hhousni/comorosmaps/issues>

grandeComore	<i>Grande Comore</i>
--------------	----------------------

Description

Draw a map for Grande Comore Island

Usage

```
grandeComore(x = "grande comore", pref = FALSE)
```

Arguments

x	Name of the data set to use. The default is grandeComore(), It draws Grande Comore Island as one object without prefecture.
pref	Choose to map with prefecture area ("pref" = TRUE) or without prefecture area ("pref" = FALSE)

Value

The data set used is in sf format

Examples

```
## Map Grande Comore Island
grandeComore ()
## Map Grande Comore with prefecture area
grandeComore (pref = TRUE)
```

moheli	<i>Moheli</i>
--------	---------------

Description

Draw a map for Moheli Islands

Usage

```
moheli(x = "moheli", pref = FALSE)
```

Arguments

x	Name of the data set to use. The default is moheli(), It draws Moheli Islands as one object without prefecture.
pref	Choose to map with prefecture area ("pref" = TRUE) or without prefecture area ("pref" = FALSE)

Value

The data set used is in sf format

Examples

```
## Map Moheli Island  
moheli ()  
## Map Moheli Island with prefecture area  
moheli (pref = TRUE)
```

Index

anjouan, [2](#)

comoros, [2](#)

comorosmaps, [3](#)

grandeComore, [4](#)

moheli, [4](#)