

# Package: comorosmaps (via r-universe)

August 20, 2024

**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

**Roxygen** list(markdown = TRUE)

**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>

**Repository** <https://hhousni.r-universe.dev>

**RemoteUrl** <https://github.com/hhousni/comorosmaps>

**RemoteRef** HEAD

**RemoteSha** 19a01cb75cf5716954d2a29a8aaef51812a199f1

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anjouan	<i>Anjouan</i>
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### 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)
```

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comoros	<i>Comoro Islands</i>
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### 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)
```

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comorosmaps

*comorosmaps: Comoro Islands Maps*

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## 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)

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## See Also

Useful links:

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

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grandeComore	<i>Grande Comore</i>
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**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)
```

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moheli	<i>Moheli</i>
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**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)
```

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