

Package ‘HutchinsonDroughtIndex’

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Type Package

Title Hutchinson's Drought Index

Version 1.0

Date 2014-01-14

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Depends raster, rgdal, zoo

Description drought function

License GPL (>= 2)

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HutchinsonDroughtIndex-package
Hutchinson Drought Index

Description

Climatic Drought

Details

Package: HutchinsonDroughtIndex
Type: Package
Version: 1.0
Date: 2014-01-14
License: GPL2
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~~ An overview of how to use the package, including the most important functions ~~

Author(s)

Maintainer: Who to complain to <ivan.hanigan@gmail.com>

See Also

~~ Optional links to other man pages, e.g. ~~ <pkg> ~~

drought_index_grids *drought index using grids*

Description

drought index using grids

Usage

```
drought_index_grids(rasterbrick, startyear, endyear, droughtThreshold = 0.375)
```

Arguments

rasterbrick	a stack of grids
startyear	the start year
endyear	the end year
droughtThreshold	the level of dryness

drought_index_stations *Drought Index For Stations*

Description

Drought Index For Stations

Usage

```
drought_index_stations(data, years, droughtThreshold = 0.375)
```

Arguments

data	a dataframe with date, year month and rain
years	the number of years in the time series
droughtThreshold	the level of dryness below which a drought begins

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