Package: orsifronts (via r-universe)

November 5, 2026

Type Package

Title Southern Ocean Frontal Distributions (Orsi)

Version 0.2.0

Description A data set package with the ``Orsi'' and ``Park/Durand'' fronts as 'SpatialLinesDataFrame' objects. The Orsi et al. (1995) fronts are published at the Southern Ocean Atlas Database Page, and the Park et al. (2019) fronts are published at the 'SEANOE' Altimetry-derived Antarctic Circumpolar Current fronts page, please see package CITATION for details.

License GPL-3

LazyData TRUE

RoxygenNote 7.1.1

Depends sp, R (>= 2.10)

Suggests knitr, rmarkdown, covr

Encoding UTF-8

VignetteBuilder knitr

URL https://australianantarcticdivision.github.io/orsifronts/

BugReports https://github.com/AustralianAntarcticDivision/orsifronts/issues

Roxygen list(markdown = TRUE)

ByteCompile true

Repository https://australianantarcticdivision.r-universe.dev

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RemoteUrl https://github.com/AustralianAntarcticDivision/orsifronts

RemoteRef HEAD

RemoteSha 76d4f6d901d6d02b12eae4625a080f615a18542a

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`orsifronts` *Orsi fronts.*

Description

The spatial distributions of the Antarctic Circumpolar Current fronts as presented in Orsi, A. H., T. Whitworth III and W. D. Nowlin, Jr., 1995: On the meridional extent and fronts of the Antarctic Circumpolar Current, Deep-Sea Res. I, 42, 641-673.

Usage

```
orsifronts
```

Format

A SpatialLinesDataFrame with variables: `name`, `front`.

`parkfronts` *Park/Durand fronts.*

Description

A dataset containing the locations of the Southern Ocean fronts as determined by Park and Durand.

Usage

```
parkfronts
```

Format

A Spatial data frame with five line objects, and the identifiers:

name long name of the front

front short name of the front, abbreviation

Source

doi:10.17882/59800

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