Package ‘SanFranBeachWater’

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Type  Package

Title  Downloads and Tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program Data

Version  0.1.0

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Description  Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Data sets can be downloaded per beach, or the raw data can be downloaded. See <https://sfwater.org/cfapps/lims/beachmain1.cfm>.

License  MIT + file LICENSE

Encoding  UTF-8

LazyData  true

Imports  xml2 (>= 1.1.1), rvest (>= 0.3.2), lubridate (>= 1.6.0), magrittr (>= 1.5), tibble (>= 1.3.3), dplyr (>= 0.5.0), readr (>= 1.0.0)

Suggests  testthat, knitr, rmarkdown

RoxygenNote  6.0.1

NeedsCompilation  no

Repository  CRAN

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Description
Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

Usage
san_fran_aquatic_park(status = FALSE)

Arguments
status  . Show beach status?

san_fran_baker_beach  san_fran_baker_beach

Description
Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

Usage
san_fran_baker_beach(location = c("Baker Beach West", "Baker Beach East", "Baker Beach at Lobos Creek"), status = FALSE)

Arguments
location  . Choose location.
status  . Show beach status?
### Description

Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

### Usage

```r
san_fran_china_beach(status = FALSE)
```

### Arguments

- **status**: Show beach status?

### Examples

```r
## Not run:
china <- san_fran_china_beach()

# See if the beach is open:
san_fran_china_beach(status = TRUE)

## End(Not run)
```

### Description

Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

### Usage

```r
san_fran_crissy_field(location = c("West", "East"), status = FALSE)
```

### Arguments

- **location**: Choose location.
- **status**: Show beach status?
san_fran_hydeSt_pier    san_fran_hydeSt_pier

Description
Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

Usage
san_fran_hydeSt_pier(status = FALSE)

Arguments
status . Show beach status?

san_fran_islais_creek    san_fran_islais_creek

Description
Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

Usage
san_fran_islais_creek(status = FALSE)

Arguments
status . Show beach status?

san_fran_jackrabbit    san_fran_jackrabbit

Description
Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

Usage
san_fran_jackrabbit(status = FALSE)

Arguments
status . Show beach status?
Description

Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

Usage

```r
san_fran_mission_creek(status = FALSE)
```

Arguments

- `status`: Show beach status?

Description

Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

Usage

```r
san_fran_Ocean_Beach(location = c("Sloat Boulevard", "Lincoln Way", "Balboa Street"), status = FALSE)
```

Arguments

- `location`: Choose location.
- `status`: Show beach status?

Description

Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

Usage

```r
san_fran_raw_data()
```
**Description**

Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

**Usage**

```r
san_fran_sunnydale_cove(status = FALSE)
```

**Arguments**

- `status`: Show beach status?

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**Description**

Downloads and tidies the San Francisco Public Utilities Commission Beach Water Quality Monitoring Program data. Datasets can be downloaded per beach, or the raw data can be downloaded.

**Usage**

```r
san_fran_windsurfer_circle(status = FALSE)
```

**Arguments**

- `status`: Show beach status?
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