

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>>.

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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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san_fran_aquatic_park *san_fran_aquatic_park*

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?

san_fran_china_beach *san_fran_china_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_china_beach(status = FALSE)
```

Arguments

status . Show beach status?

Examples

```
## Not run:  
china <- san_fran_china_beach()  
  
# See if the beach is open:  
san_fran_china_beach(status = TRUE)  
  
## End(Not run)
```

san_fran_crissy_field *san_fran_crissy_field*

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_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?

```
san_fran_mission_creek  
    san_fran_mission_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_mission_creek(status = FALSE)
```

Arguments

```
status          . Show beach status?
```

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

Arguments

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

```
san_fran_raw_data    Download San Francisco Beach Water Quality 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

```
san_fran_raw_data()
```

san_fran_sunnydale_cove

san_fran_sunnydale_cove

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_sunnydale_cove(status = FALSE)
```

Arguments

status . Show beach status?

san_fran_windsurfer_circle

san_fran_windsurfer_circle

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_windsurfer_circle(status = FALSE)
```

Arguments

status . Show beach status?

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