Package 'SanFranBeachWater'

October 12, 2022

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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R topics documented:

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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()
```

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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?

Index