

# 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

**Author** Robert Myles McDonnell

**Maintainer** Robert Myles McDonnell <robertmylesmcdonnell@gmail.com>

## 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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