## 1 AllData Data Set

Name: Name of hurricanes or typhoons.

Time: Date of landfall.

Latitude: N is positive.

Longitude: Positive number implies in Eastern hemisphere (E). Negative number means in Western hemisphere (W).

MaxWindSpeed: Knots.

CentPressure: (hPa).

Rainfall: mm.

Surge: ft.

Number of rows: 610.

| Time        | Latitude        | Longitude       | MaxWindSpeed   | CentPressure   | Rainfall        | Surge     |
|-------------|-----------------|-----------------|----------------|----------------|-----------------|-----------|
| 1983-08-18  | Min. :10.10     | Min. :-98.00    | Min. : 20.00   | Min.: 900.0    | Min. : 0.00     | 1.000     |
| 2000-12-04  | 1st Qu.:20.00   | 1st Qu.:-85.47  | 1st Qu.: 45.00 | 1st Qu.: 960.0 | 1st Qu.: 13.12  | 3.750     |
| 2005-10-03  | Median $:26.40$ | Median: -75.60  | Median: 60.00  | Median: 984.0  | Median: 80.27   | 5.280     |
| 2006-01-25  | Mean : $26.40$  | Mean :- $17.53$ | Mean: 66.22    | Mean: 978.1    | Mean: $139.03$  | 6.977     |
| 32012-09-13 | 3rd Qu.:31.98   | 3rd Qu.:126.65  | 3rd Qu.: 80.00 | 3rd Qu.: 998.0 | 3rd Qu.: 205.49 | 10.000    |
| 2019-10-12  | Max. $:51.90$   | Max. :161.00    | Max. $:160.00$ | Max. :1018.0   | Max. $:1207.39$ | 18.000    |
|             |                 |                 | NA's :3        |                | NA's :256       | NA's :367 |