

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 34

Week Starting: August 22, 2021

Station: Hato, Airport

Week Ending: August 28, 2021

| Rain                                     |                 |       |                         |
|--|-----------------|-------|-------------------------|
| Rainfall total                           | :               | 47.4  | mm                      |
| Rainfall 24 hour's maximum date:         | :               | 42.6  | mm                      |
| Rainfall amount of days >= 1.0 mm        | :               | 3     | days                    |
| Rainfall cumulative                      | :               | 330.4 | mm                      |
| Evaporation                              |                 |       |                         |
| Evaporation daily average                | :               |       | mm                      |
| Evaporation week total                   | :               |       | mm                      |
| Evaporation maximum/week date:           | :               |       | mm                      |
| Sunshine                                 |                 |       |                         |
| Sunshine duration weekly average         | :               |       | hours:min               |
| Sunshine absolute max./week date:        | :               |       | hours:min               |
| Sunshine absolute min./week date:        | :               |       | hours:min               |
| Solar radiation weekly average           | :               | 4798  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute max./week date: | :               | 6565  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute min./week date: | :               | 1508  | Whr/m <sup>2</sup> /day |
| Temperature                              |                 |       |                         |
| Temperature weekly average               | :               | 28.6  | °C                      |
| Temperature weekly maximum average       | :               | 31.4  | °C                      |
| Temp. abs. max. date/time:               | August 22 13:08 | :     | 33.0 °C                 |
| Temperature weekly minimum average       | :               | 26.1  | °C                      |
| Temp. abs. min. date/time:               | August 23 13:09 | :     | 24.5 °C                 |
| Relative humidity weekly average         | :               | 83.5  | %                       |
| Wind                                     |                 |       |                         |
| Wind speed weekly average                | :               | 12.2  | kt                      |
| Wind speed avg. max                      | :               | 26.6  | kt                      |
| Wind speed abs. max. date/time:          | August 23 13:03 | :     | 36.0 kt                 |
| Wind vector weekly average               | :               | 94    | °                       |
| Wind energy potential total *            | :               | 27    | KWhr/m <sup>2</sup>     |
| Wind energy weekly average *             | :               | 3916  | Whr/m <sup>2</sup>      |
| Wind energy potential maximum * date:    | :               | 5932  | Whr/m <sup>2</sup>      |
| Wind energy potential minimum * date:    | :               | 2309  | Whr/m <sup>2</sup>      |
| Remarks                                  |                 |       |                         |

\* Wind energy at a height of 10 m for wind speeds of 4 m/s or more.

\*\* Sunshine duration in hrs (solar time)

\*\*\* Solar radiation (local time)

\_\_\_ Blank field - No data available

