

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 22

Week Starting: May 24, 2020

Station: Hato, Airport

Week Ending: May 30, 2020

| Rain                                     |              |       |                         |
|--|--------------|-------|-------------------------|
| Rainfall total                           |              | 0.0   | mm                      |
| Rainfall 24 hour's maximum date:         | May 24       | 0.0   | mm                      |
| Rainfall amount of days >= 1.0 mm        |              | 0     | days                    |
| Rainfall cumulative                      |              | 97.0  | mm                      |
| Evaporation                              |              |       |                         |
| Evaporation daily average                |              | 8.5   | mm                      |
| Evaporation week total                   |              | 59.2  | mm                      |
| Evaporation maximum/week date:           | May 26       | 10.8  | mm                      |
| Sunshine                                 |              |       |                         |
| Sunshine duration weekly average         |              | 9 12  | hours:min               |
| Sunshine absolute max./week date:        | May 26       | 10 18 | hours:min               |
| Sunshine absolute min./week date:        | May 30       | 8 24  | hours:min               |
| Solar radiation weekly average           |              | 4928  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute max./week date: |              | 5381  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute min./week date: |              | 4379  | Whr/m <sup>2</sup> /day |
| Temperature                              |              |       |                         |
| Temperature weekly average               |              | 28.4  | °C                      |
| Temperature weekly maximum average       |              | 31.2  | °C                      |
| Temp. abs. max. date/time:               | May 25 10:56 | 32.0  | °C                      |
| Temperature weekly minimum average       |              | 26.9  | °C                      |
| Temp. abs. min. date/time:               | May 24 3:26  | 26.7  | °C                      |
| Relative humidity weekly average         |              | 75.0  | %                       |
| Wind                                     |              |       |                         |
| Wind speed weekly average                |              | 14.7  | kt                      |
| Wind speed avg. max                      |              | 26.0  | kt                      |
| Wind speed abs. max. date/time:          | May 25 8:01  | 30.0  | kt                      |
| Wind vector weekly average               |              | 106   | °                       |
| Wind energy potential total *            |              | 45    | KWhr/m <sup>2</sup>     |
| Wind energy weekly average *             |              | 6397  | Whr/m <sup>2</sup>      |
| Wind energy potential maximum * date:    |              | 8478  | Whr/m <sup>2</sup>      |
| Wind energy potential minimum * date:    |              | 4375  | 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

