

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 4

Week Starting: January 24, 2021

Station: Hato, Airport

Week Ending: January 30, 2021

| Rain                                     |                  |      |                         |
|--|------------------|------|-------------------------|
| Rainfall total                           |                  | 2.1  | mm                      |
| Rainfall 24 hour's maximum date:         | January 24       | 0.7  | mm                      |
| Rainfall amount of days >= 1.0 mm        |                  | 0    | days                    |
| Rainfall cumulative                      |                  | 64.3 | 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           |                  | 4692 | Whr/m <sup>2</sup> /day |
| Solar radiation absolute max./week date: |                  | 5777 | Whr/m <sup>2</sup> /day |
| Solar radiation absolute min./week date: |                  | 3551 | Whr/m <sup>2</sup> /day |
| Temperature                              |                  |      |                         |
| Temperature weekly average               |                  | 26.7 | °C                      |
| Temperature weekly maximum average       |                  | 29.7 | °C                      |
| Temp. abs. max. date/time:               | January 26 13:31 | 29.9 | °C                      |
| Temperature weekly minimum average       |                  | 24.5 | °C                      |
| Temp. abs. min. date/time:               | January 29 1:06  | 23.1 | °C                      |
| Relative humidity weekly average         |                  | 71.4 | %                       |
| Wind                                     |                  |      |                         |
| Wind speed weekly average                |                  | 11.9 | kt                      |
| Wind speed avg. max                      |                  | 21.7 | kt                      |
| Wind speed abs. max. date/time:          | January 26 11:50 | 25.0 | kt                      |
| Wind vector weekly average               |                  | 97   | °                       |
| Wind energy potential total *            |                  | 24   | KWhr/m <sup>2</sup>     |
| Wind energy weekly average *             |                  | 3480 | Whr/m <sup>2</sup>      |
| Wind energy potential maximum * date:    |                  | 5605 | Whr/m <sup>2</sup>      |
| Wind energy potential minimum * date:    |                  | 1821 | 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

