

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 52

Week Starting: December 22, 2024

Station: Hato, Airport

Week Ending: December 28, 2024

| Rain                                     |                   |       |                         |
|--|-------------------|-------|-------------------------|
| Rainfall total                           | :                 | 0.1   | mm                      |
| Rainfall 24 hour's maximum date:         | December 25       | :     | 0.1 mm                  |
| Rainfall amount of days >= 1.0 mm        | :                 | 0     | days                    |
| Rainfall cumulative                      | :                 | 366.2 | 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           | :                 | 4528  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute max./week date: | :                 | 5096  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute min./week date: | :                 | 3562  | Whr/m <sup>2</sup> /day |
| Temperature                              |                   |       |                         |
| Temperature weekly average               | :                 | 28.6  | °C                      |
| Temperature weekly maximum average       | :                 | 32.3  | °C                      |
| Temp. abs. max. date/time:               | December 23 12:21 | :     | 32.6 °C                 |
| Temperature weekly minimum average       | :                 | 26.5  | °C                      |
| Temp. abs. min. date/time:               | December 25 5:45  | :     | 25.6 °C                 |
| Relative humidity weekly average         | :                 | 79.0  | %                       |
| Wind                                     |                   |       |                         |
| Wind speed weekly average                | :                 | 10.5  | kt                      |
| Wind speed avg. max                      | :                 | 21.6  | kt                      |
| Wind speed abs. max. date/time:          | December 24 15:04 | :     | 24.0 kt                 |
| Wind vector weekly average               | :                 | 102   | °                       |
| Wind energy potential total *            | :                 | 16    | KWhr/m <sup>2</sup>     |
| Wind energy weekly average *             | :                 | 2281  | Whr/m <sup>2</sup>      |
| Wind energy potential maximum * date:    | :                 | 2998  | Whr/m <sup>2</sup>      |
| Wind energy potential minimum * date:    | :                 | 1902  | 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

