

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 40

Week Starting: October 03, 2021

Station: Hato, Airport

Week Ending: October 09, 2021

| Rain                                     |                 |       |                         |
|--|-----------------|-------|-------------------------|
| Rainfall total                           |                 | 5.0   | mm                      |
| Rainfall 24 hour's maximum date:         | October 06      | 3.0   | mm                      |
| Rainfall amount of days >= 1.0 mm        |                 | 1     | days                    |
| Rainfall cumulative                      |                 | 409.1 | 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           |                 | 5442  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute max./week date: |                 | 6148  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute min./week date: |                 | 4639  | Whr/m <sup>2</sup> /day |
| Temperature                              |                 |       |                         |
| Temperature weekly average               |                 | 29.0  | °C                      |
| Temperature weekly maximum average       |                 | 32.2  | °C                      |
| Temp. abs. max. date/time:               | October 8 11:00 | 33.6  | °C                      |
| Temperature weekly minimum average       |                 | 26.9  | °C                      |
| Temp. abs. min. date/time:               | October 8 3:55  | 25.9  | °C                      |
| Relative humidity weekly average         |                 | 77.9  | %                       |
| Wind                                     |                 |       |                         |
| Wind speed weekly average                |                 | 12.3  | kt                      |
| Wind speed avg. max                      |                 | 24.4  | kt                      |
| Wind speed abs. max. date/time:          | October 4 12:12 | 32.0  | kt                      |
| Wind vector weekly average               |                 | 99    | °                       |
| Wind energy potential total *            |                 | 29    | KWhr/m <sup>2</sup>     |
| Wind energy weekly average *             |                 | 4145  | Whr/m <sup>2</sup>      |
| Wind energy potential maximum * date:    |                 | 7842  | Whr/m <sup>2</sup>      |
| Wind energy potential minimum * date:    |                 | 1283  | 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

