

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 8

Week Starting: February 16, 2020

Station: Hato, Airport

Week Ending: February 22, 2020

| Rain                                     |                   |       |                         |
|--|-------------------|-------|-------------------------|
| Rainfall total                           |                   | 3.1   | mm                      |
| Rainfall 24 hour's maximum date:         | February 21       | 1.3   | mm                      |
| Rainfall amount of days $\geq$ 1.0 mm    |                   | 2     | days                    |
| Rainfall cumulative                      |                   | 60.7  | mm                      |
| Evaporation                              |                   |       |                         |
| Evaporation daily average                |                   | 7.2   | mm                      |
| Evaporation week total                   |                   | 50.6  | mm                      |
| Evaporation maximum/week date:           | February 22       | 10.0  | mm                      |
| Sunshine                                 |                   |       |                         |
| Sunshine duration weekly average         |                   | 9 12  | hours:min               |
| Sunshine absolute max./week date:        | February 16       | 10 36 | hours:min               |
| Sunshine absolute min./week date:        | February 18       | 7 12  | hours:min               |
| Solar radiation weekly average           |                   | 4741  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute max./week date: |                   | 5573  | Whr/m <sup>2</sup> /day |
| Solar radiation absolute min./week date: |                   | 3876  | Whr/m <sup>2</sup> /day |
| Temperature                              |                   |       |                         |
| Temperature weekly average               |                   | 27.2  | °C                      |
| Temperature weekly maximum average       |                   | 30.6  | °C                      |
| Temp. abs. max. date/time:               | February 21 13:35 | 31.1  | °C                      |
| Temperature weekly minimum average       |                   | 25.1  | °C                      |
| Temp. abs. min. date/time:               | February 22 5:11  | 23.9  | °C                      |
| Relative humidity weekly average         |                   | 72.7  | %                       |
| Wind                                     |                   |       |                         |
| Wind speed weekly average                |                   | 12.3  | kt                      |
| Wind speed avg. max                      |                   | 23.6  | kt                      |
| Wind speed abs. max. date/time:          | February 18 16:38 | 28.0  | kt                      |
| Wind vector weekly average               |                   | 102   | °                       |
| Wind energy potential total *            |                   | 27    | KWhr/m <sup>2</sup>     |
| Wind energy weekly average *             |                   | 3807  | Whr/m <sup>2</sup>      |
| Wind energy potential maximum * date:    |                   | 4820  | Whr/m <sup>2</sup>      |
| Wind energy potential minimum * date:    |                   | 2041  | 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

