

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 11

Week Starting: March 10, 2019

Station: Hato, Airport

Week Ending: March 16, 2019

Rain			
Rainfall total		:	22.6 mm
Rainfall 24 hour's maximum date:	March 12	:	18.7 mm
Rainfall amount of days $\geq$ 1.0 mm		:	2 days
Rainfall cumulative		:	37.6 mm
Evaporation			
Evaporation daily average		:	6.3 mm
Evaporation week total		:	44.1 mm
Evaporation maximum/week date:	March 16	:	7.4 mm
Sunshine			
Sunshine duration weekly average		:	8 56 hours:min
Sunshine absolute max./week date:	March 10	:	10 0 hours:min
Sunshine absolute min./week date:	March 11	:	6 48 hours:min
Solar radiation weekly average		:	5203 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	6046 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	4291 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	26.9 °C
Temperature weekly maximum average		:	30.6 °C
Temp. abs. max. date/time:	March 11 13:46	:	31.2 °C
Temperature weekly minimum average		:	24.4 °C
Temp. abs. min. date/time:	March 13 5:18	:	23.5 °C
Relative humidity weekly average		:	73.7 %
Wind			
Wind speed weekly average		:	12.3 kt
Wind speed avg. max		:	23.0 kt
Wind speed abs. max. date/time:	March 11 11:36	:	27.0 kt
Wind vector weekly average		:	98 °
Wind energy potential total *		:	22 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	3184 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	4982 Whr/m <sup>2</sup>
Wind energy potential minimum * date:		:	105 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

