

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 3

Week Starting: January 13, 2019

Station: Hato, Airport

Week Ending: January 19, 2019

Rain			
Rainfall total		:	0.0 mm
Rainfall 24 hour's maximum date:	January 13	:	0.0 mm
Rainfall amount of days $\geq$ 1.0 mm		:	0 days
Rainfall cumulative		:	1.8 mm
Evaporation			
Evaporation daily average		:	5.9 mm
Evaporation week total		:	41.0 mm
Evaporation maximum/week date:	January 14	:	8.7 mm
Sunshine			
Sunshine duration weekly average		:	10 15 hours:min
Sunshine absolute max./week date:	January 14	:	10 48 hours:min
Sunshine absolute min./week date:	January 16	:	9 36 hours:min
Solar radiation weekly average		:	4054 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	4503 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	3509 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	26.5 °C
Temperature weekly maximum average		:	30.0 °C
Temp. abs. max. date/time:	January 19 13:21	:	30.9 °C
Temperature weekly minimum average		:	24.6 °C
Temp. abs. min. date/time:	January 15 6:16	:	23.9 °C
Relative humidity weekly average		:	71.2 %
Wind			
Wind speed weekly average		:	11.7 kt
Wind speed avg. max		:	21.9 kt
Wind speed abs. max. date/time:	January 19 13:03	:	25.0 kt
Wind vector weekly average		:	105 °
Wind energy potential total *		:	20 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	2846 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	4653 Whr/m <sup>2</sup>
Wind energy potential minimum * date:		:	174 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

