

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 1

Week Starting: December 30, 2018

Station: Hato, Airport

Week Ending: January 05, 2019

Rain			
Rainfall total		:	1.1 mm
Rainfall 24 hour's maximum date:	January 01	:	0.1 mm
Rainfall amount of days $\geq$ 1.0 mm		:	0 days
Rainfall cumulative		:	1.1 mm
Evaporation			
Evaporation daily average		:	5.2 mm
Evaporation week total		:	36.2 mm
Evaporation maximum/week date:	January 02	:	7.2 mm
Sunshine			
Sunshine duration weekly average		:	9 39 hours:min
Sunshine absolute max./week date:	January 02	:	10 12 hours:min
Sunshine absolute min./week date:	December 30	:	8 54 hours:min
Solar radiation weekly average		:	4195 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	4603 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	3237 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	26.6 °C
Temperature weekly maximum average		:	30.1 °C
Temp. abs. max. date/time:	December 31 12:38	:	30.6 °C
Temperature weekly minimum average		:	24.7 °C
Temp. abs. min. date/time:	December 31 5:17	:	24.1 °C
Relative humidity weekly average		:	69.9 %
Wind			
Wind speed weekly average		:	14.3 kt
Wind speed avg. max		:	27.7 kt
Wind speed abs. max. date/time:	January 4 14:55	:	30.0 kt
Wind vector weekly average		:	107 °
Wind energy potential total *		:	35 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	5914 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	7174 Whr/m <sup>2</sup>
Wind energy potential minimum * date:		:	4546 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

