

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 51

Week Starting: December 16, 2018

Station: Hato, Airport

Week Ending: December 22, 2018

Rain			
Rainfall total		:	4.0 mm
Rainfall 24 hour's maximum date:	December 18	:	2.6 mm
Rainfall amount of days \geq 1.0 mm		:	1 days
Rainfall cumulative		:	596.3 mm
Evaporation			
Evaporation daily average		:	5.8 mm
Evaporation week total		:	40.9 mm
Evaporation maximum/week date:	December 16	:	8.8 mm
Sunshine			
Sunshine duration weekly average		:	9 33 hours:min
Sunshine absolute max./week date:	December 19	:	10 30 hours:min
Sunshine absolute min./week date:	December 17	:	8 12 hours:min
Solar radiation weekly average		:	3932 Whr/m ² /day
Solar radiation absolute max./week date:		:	4422 Whr/m ² /day
Solar radiation absolute min./week date:		:	3530 Whr/m ² /day
Temperature			
Temperature weekly average		:	26.7 °C
Temperature weekly maximum average		:	30.2 °C
Temp. abs. max. date/time:	December 21 12:43	:	30.8 °C
Temperature weekly minimum average		:	24.7 °C
Temp. abs. min. date/time:	December 22 2:47	:	24.2 °C
Relative humidity weekly average		:	74.6 %
Wind			
Wind speed weekly average		:	12.3 kt
Wind speed avg. max		:	24.3 kt
Wind speed abs. max. date/time:	December 20 10:25	:	28.0 kt
Wind vector weekly average		:	110 °
Wind energy potential total *		:	23 KWhr/m ²
Wind energy weekly average *		:	3229 Whr/m ²
Wind energy potential maximum * date:		:	4467 Whr/m ²
Wind energy potential minimum * date:		:	58 Whr/m ²
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

