

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 1

Week Starting: December 31, 2017

Station: Hato, Airport

Week Ending: January 06, 2018

Rain			
Rainfall total	:	21.0	mm
Rainfall 24 hour's maximum date:	January 02	:	9.0 mm
Rainfall amount of days \geq 1.0 mm		:	3 days
Rainfall cumulative		:	21.0 mm
Evaporation			
Evaporation daily average		:	4.5 mm
Evaporation week total		:	31.6 mm
Evaporation maximum/week date:	January 05	:	8.2 mm
Sunshine			
Sunshine duration weekly average		:	8 39 hours:min
Sunshine absolute max./week date:	January 06	:	10 24 hours:min
Sunshine absolute min./week date:	December 31	:	3 36 hours:min
Solar radiation weekly average		:	3823 Whr/m ² /day
Solar radiation absolute max./week date:		:	4384 Whr/m ² /day
Solar radiation absolute min./week date:		:	3049 Whr/m ² /day
Temperature			
Temperature weekly average		:	27.2 °C
Temperature weekly maximum average		:	29.9 °C
Temp. abs. max. date/time:	January 3 14:05	:	30.3 °C
Temperature weekly minimum average		:	25.2 °C
Temp. abs. min. date/time:	January 6 7:05	:	24.4 °C
Relative humidity weekly average		:	78.4 %
Wind			
Wind speed weekly average		:	11.9 kt
Wind speed avg. max		:	24.1 kt
Wind speed abs. max. date/time:	December 31 23:26	:	27.0 kt
Wind vector weekly average		:	106 °
Wind energy potential total *		:	21 KWhr/m ²
Wind energy weekly average *		:	3066 Whr/m ²
Wind energy potential maximum * date:		:	4279 Whr/m ²
Wind energy potential minimum * date:		:	324 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

