

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 30

Week Starting: July 22, 2018

Station: Hato, Airport

Week Ending: July 28, 2018

Rain			
Rainfall total		:	1.7 mm
Rainfall 24 hour's maximum date:	July 25	:	1.0 mm
Rainfall amount of days \geq 1.0 mm		:	1 days
Rainfall cumulative		:	211.4 mm
Evaporation			
Evaporation daily average		:	7.3 mm
Evaporation week total		:	51.4 mm
Evaporation maximum/week date:	July 26	:	9.6 mm
Sunshine			
Sunshine duration weekly average		:	9 11 hours:min
Sunshine absolute max./week date:	July 23	:	10 42 hours:min
Sunshine absolute min./week date:	July 28	:	7 18 hours:min
Solar radiation weekly average		:	7730 Whr/m ² /day
Solar radiation absolute max./week date:		:	15539 Whr/m ² /day
Solar radiation absolute min./week date:		:	4931 Whr/m ² /day
Temperature			
Temperature weekly average		:	28.3 °C
Temperature weekly maximum average		:	32.0 °C
Temp. abs. max. date/time:	July 22 13:01	:	32.9 °C
Temperature weekly minimum average		:	26.3 °C
Temp. abs. min. date/time:	July 25 6:48	:	25.7 °C
Relative humidity weekly average		:	74.2 %
Wind			
Wind speed weekly average		:	12.2 kt
Wind speed avg. max		:	24.6 kt
Wind speed abs. max. date/time:	July 22 13:23	:	28.0 kt
Wind vector weekly average		:	105 °
Wind energy potential total *		:	23 KWhr/m ²
Wind energy weekly average *		:	3770 Whr/m ²
Wind energy potential maximum * date:		:	4995 Whr/m ²
Wind energy potential minimum * date:		:	2907 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

