

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 52

Week Starting: December 23, 2018

Station: Hato, Airport

Week Ending: December 29, 2018

Rain			
Rainfall total		:	4.7 mm
Rainfall 24 hour's maximum date:	December 25	:	2.9 mm
Rainfall amount of days ≥ 1.0 mm		:	2 days
Rainfall cumulative		:	601.0 mm
Evaporation			
Evaporation daily average		:	5.7 mm
Evaporation week total		:	39.7 mm
Evaporation maximum/week date:	December 28	:	6.7 mm
Sunshine			
Sunshine duration weekly average		:	8 41 hours:min
Sunshine absolute max./week date:	December 26	:	10 30 hours:min
Sunshine absolute min./week date:	December 23	:	5 12 hours:min
Solar radiation weekly average		:	4030 Whr/m ² /day
Solar radiation absolute max./week date:		:	5080 Whr/m ² /day
Solar radiation absolute min./week date:		:	3334 Whr/m ² /day
Temperature			
Temperature weekly average		:	26.7 °C
Temperature weekly maximum average		:	30.1 °C
Temp. abs. max. date/time:	December 25 14:54	:	30.6 °C
Temperature weekly minimum average		:	24.6 °C
Temp. abs. min. date/time:	December 24 9:16	:	23.3 °C
Relative humidity weekly average		:	70.9 %
Wind			
Wind speed weekly average		:	12.7 kt
Wind speed avg. max		:	25.6 kt
Wind speed abs. max. date/time:	December 27 13:21	:	29.0 kt
Wind vector weekly average		:	108 °
Wind energy potential total *		:	26 KWhr/m ²
Wind energy weekly average *		:	3685 Whr/m ²
Wind energy potential maximum * date:		:	6035 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

