

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 41

Week Starting: October 07, 2018

Station: Hato, Airport

Week Ending: October 13, 2018

Rain			
Rainfall total		:	34.2 mm
Rainfall 24 hour's maximum date:	October 13	:	16.0 mm
Rainfall amount of days \geq 1.0 mm		:	4 days
Rainfall cumulative		:	375.0 mm
Evaporation			
Evaporation daily average		:	5.7 mm
Evaporation week total		:	40.1 mm
Evaporation maximum/week date:	October 09	:	7.9 mm
Sunshine			
Sunshine duration weekly average		:	5 41 hours:min
Sunshine absolute max./week date:	October 07	:	9 48 hours:min
Sunshine absolute min./week date:	October 10	:	0 0 hours:min
Solar radiation weekly average		:	3613 Whr/m ² /day
Solar radiation absolute max./week date:		:	5140 Whr/m ² /day
Solar radiation absolute min./week date:		:	849 Whr/m ² /day
Temperature			
Temperature weekly average		:	27.8 °C
Temperature weekly maximum average		:	30.8 °C
Temp. abs. max. date/time:	October 7 14:04	:	32.0 °C
Temperature weekly minimum average		:	25.3 °C
Temp. abs. min. date/time:	October 13 7:22	:	22.9 °C
Relative humidity weekly average		:	79.9 %
Wind			
Wind speed weekly average		:	7.6 kt
Wind speed avg. max		:	20.9 kt
Wind speed abs. max. date/time:	October 12 13:38	:	24.0 kt
Wind vector weekly average		:	105 °
Wind energy potential total *		:	6 KWhr/m ²
Wind energy weekly average *		:	1022 Whr/m ²
Wind energy potential maximum * date:		:	2195 Whr/m ²
Wind energy potential minimum * date:		:	347 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

