

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 2

Week Starting: January 07, 2018

Station: Hato, Airport

Week Ending: January 13, 2018

Rain			
Rainfall total		:	0.3 mm
Rainfall 24 hour's maximum date:	January 08	:	0.2 mm
Rainfall amount of days \geq 1.0 mm		:	0 days
Rainfall cumulative		:	21.3 mm
Evaporation			
Evaporation daily average		:	7.2 mm
Evaporation week total		:	50.5 mm
Evaporation maximum/week date:	January 10	:	11.0 mm
Sunshine			
Sunshine duration weekly average		:	9 6 hours:min
Sunshine absolute max./week date:	January 10	:	10 30 hours:min
Sunshine absolute min./week date:	January 12	:	5 24 hours:min
Solar radiation weekly average		:	4263 Whr/m ² /day
Solar radiation absolute max./week date:		:	5022 Whr/m ² /day
Solar radiation absolute min./week date:		:	3086 Whr/m ² /day
Temperature			
Temperature weekly average		:	27.3 °C
Temperature weekly maximum average		:	30.9 °C
Temp. abs. max. date/time:	January 11 13:07	:	31.9 °C
Temperature weekly minimum average		:	25.2 °C
Temp. abs. min. date/time:	January 10 4:03	:	24.5 °C
Relative humidity weekly average		:	73.4 %
Wind			
Wind speed weekly average		:	12.2 kt
Wind speed avg. max		:	24.3 kt
Wind speed abs. max. date/time:	January 11 14:49	:	26.0 kt
Wind vector weekly average		:	113 °
Wind energy potential total *		:	22 KWhr/m ²
Wind energy weekly average *		:	3175 Whr/m ²
Wind energy potential maximum * date:		:	4163 Whr/m ²
Wind energy potential minimum * date:		:	105 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

