

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 7

Week Starting: February 11, 2018

Station: Hato, Airport

Week Ending: February 17, 2018

Rain			
Rainfall total		:	11.2 mm
Rainfall 24 hour's maximum date:	February 15	:	5.1 mm
Rainfall amount of days \geq 1.0 mm		:	4 days
Rainfall cumulative		:	87.4 mm
Evaporation			
Evaporation daily average		:	6.2 mm
Evaporation week total		:	43.4 mm
Evaporation maximum/week date:	February 13	:	9.7 mm
Sunshine			
Sunshine duration weekly average		:	9 11 hours:min
Sunshine absolute max./week date:	February 13	:	10 6 hours:min
Sunshine absolute min./week date:	February 11	:	8 18 hours:min
Solar radiation weekly average		:	4958 Whr/m ² /day
Solar radiation absolute max./week date:		:	5385 Whr/m ² /day
Solar radiation absolute min./week date:		:	4326 Whr/m ² /day
Temperature			
Temperature weekly average		:	26.4 °C
Temperature weekly maximum average		:	29.8 °C
Temp. abs. max. date/time:	February 12 12:23	:	30.7 °C
Temperature weekly minimum average		:	24.0 °C
Temp. abs. min. date/time:	February 14 3:59	:	22.1 °C
Relative humidity weekly average		:	72.7 %
Wind			
Wind speed weekly average		:	14.4 kt
Wind speed avg. max		:	29.0 kt
Wind speed abs. max. date/time:	February 14 9:16	:	38.0 kt
Wind vector weekly average		:	93 °
Wind energy potential total *		:	35 KWhr/m ²
Wind energy weekly average *		:	4979 Whr/m ²
Wind energy potential maximum * date:		:	6907 Whr/m ²
Wind energy potential minimum * date:		:	217 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

