

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 8

Week Starting: February 18, 2018

Station: Hato, Airport

Week Ending: February 24, 2018

Rain			
Rainfall total		:	43.2 mm
Rainfall 24 hour's maximum date:	February 23	:	11.4 mm
Rainfall amount of days \geq 1.0 mm		:	6 days
Rainfall cumulative		:	130.6 mm
Evaporation			
Evaporation daily average		:	5.8 mm
Evaporation week total		:	40.3 mm
Evaporation maximum/week date:	February 23	:	8.4 mm
Sunshine			
Sunshine duration weekly average		:	7 55 hours:min
Sunshine absolute max./week date:	February 18	:	10 36 hours:min
Sunshine absolute min./week date:	February 24	:	4 54 hours:min
Solar radiation weekly average		:	4645 Whr/m ² /day
Solar radiation absolute max./week date:		:	5454 Whr/m ² /day
Solar radiation absolute min./week date:		:	3827 Whr/m ² /day
Temperature			
Temperature weekly average		:	25.5 °C
Temperature weekly maximum average		:	28.7 °C
Temp. abs. max. date/time:	February 18 12:33	:	29.3 °C
Temperature weekly minimum average		:	22.2 °C
Temp. abs. min. date/time:	February 24 6:06	:	21.6 °C
Relative humidity weekly average		:	76.6 %
Wind			
Wind speed weekly average		:	13.0 kt
Wind speed avg. max		:	30.4 kt
Wind speed abs. max. date/time:	February 20 13:33	:	33.0 kt
Wind vector weekly average		:	95 °
Wind energy potential total *		:	27 KWhr/m ²
Wind energy weekly average *		:	3875 Whr/m ²
Wind energy potential maximum * date:		:	5313 Whr/m ²
Wind energy potential minimum * date:		:	733 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

