

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 3

Week Starting: January 14, 2018

Station: Hato, Airport

Week Ending: January 20, 2018

Rain			
Rainfall total		:	9.2 mm
Rainfall 24 hour's maximum date:	January 18	:	6.7 mm
Rainfall amount of days \geq 1.0 mm		:	3 days
Rainfall cumulative		:	30.5 mm
Evaporation			
Evaporation daily average		:	7.0 mm
Evaporation week total		:	48.8 mm
Evaporation maximum/week date:	January 20	:	11.2 mm
Sunshine			
Sunshine duration weekly average		:	9 21 hours:min
Sunshine absolute max./week date:	January 17	:	10 30 hours:min
Sunshine absolute min./week date:	January 16	:	7 48 hours:min
Solar radiation weekly average		:	3464 Whr/m /day
Solar radiation absolute max./week date:		:	4929 Whr/m /day
Solar radiation absolute min./week date:		:	3197 Whr/m /day
Temperature			
Temperature weekly average		:	27.1 °C
Temperature weekly maximum average		:	30.2 °C
Temp. abs. max. date/time:	January 14 15:12	:	31.5 °C
Temperature weekly minimum average		:	24.7 °C
Temp. abs. min. date/time:	January 16 3:33	:	23.4 °C
Relative humidity weekly average		:	76.8 %
Wind			
Wind speed weekly average		:	10.6 kt
Wind speed avg. max		:	22.4 kt
Wind speed abs. max. date/time:	January 17 12:10	:	26.0 kt
Wind vector weekly average		:	101 °
Wind energy potential total *		:	14 KWhr/m
Wind energy weekly average *		:	2038 Whr/m
Wind energy potential maximum * date:		:	3014 Whr/m
Wind energy potential minimum * date:		:	137 Whr/m
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

