

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 3

Week Starting: January 15, 2017

Station: Hato, Airport

Week Ending: January 21, 2017

Rain			
Rainfall total		:	19.7 mm
Rainfall 24 hour's maximum date:	January 16	:	9.3 mm
Rainfall amount of days ≥ 1.0 mm		:	5 days
Rainfall cumulative		:	81.9 mm
Evaporation			
Evaporation daily average		:	5.5 mm
Evaporation week total		:	38.3 mm
Evaporation maximum/week date:	January 18	:	8.5 mm
Sunshine			
Sunshine duration weekly average		:	8 38 hours:min
Sunshine absolute max./week date:	January 18	:	10 6 hours:min
Sunshine absolute min./week date:	January 15	:	5 42 hours:min
Solar radiation weekly average		:	4209 Whr/m /day
Solar radiation absolute max./week date:		:	6098 Whr/m /day
Solar radiation absolute min./week date:		:	2913 Whr/m /day
Temperature			
Temperature weekly average		:	26.1 °C
Temperature weekly maximum average		:	28.7 °C
Temp. abs. max. date/time:	January 19 12:16	:	28.9 °C
Temperature weekly minimum average		:	23.7 °C
Temp. abs. min. date/time:	January 16 5:23	:	22.7 °C
Relative humidity weekly average		:	78.5 %
Wind			
Wind speed weekly average		:	10.4 kt
Wind speed avg. max		:	23.9 kt
Wind speed abs. max. date/time:	January 16 9:52	:	33.0 kt
Wind vector weekly average		:	78 °
Wind energy potential total *		:	13 KWhr/m
Wind energy weekly average *		:	1874 Whr/m
Wind energy potential maximum * date:		:	2974 Whr/m
Wind energy potential minimum * date:		:	58 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

