

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 1

Week Starting: January 01, 2017

Station: Hato, Airport

Week Ending: January 07, 2017

Rain			
Rainfall total		:	6.5 mm
Rainfall 24 hour's maximum date:	January 04	:	2.5 mm
Rainfall amount of days \geq 1.0 mm		:	3 days
Rainfall cumulative		:	6.5 mm
Evaporation			
Evaporation daily average		:	5.4 mm
Evaporation week total		:	37.7 mm
Evaporation maximum/week date:	January 07	:	9.5 mm
Sunshine			
Sunshine duration weekly average		:	8 2 hours:min
Sunshine absolute max./week date:	January 04	:	10 24 hours:min
Sunshine absolute min./week date:	January 07	:	3 12 hours:min
Solar radiation weekly average		:	3854 Whr/m /day
Solar radiation absolute max./week date:		:	5094 Whr/m /day
Solar radiation absolute min./week date:		:	3377 Whr/m /day
Temperature			
Temperature weekly average		:	26.5 °C
Temperature weekly maximum average		:	29.3 °C
Temp. abs. max. date/time:	January 5 13:03	:	29.9 °C
Temperature weekly minimum average		:	24.5 °C
Temp. abs. min. date/time:	January 3 3:53	:	23.6 °C
Relative humidity weekly average		:	79.7 %
Wind			
Wind speed weekly average		:	11.5 kt
Wind speed avg. max		:	25.7 kt
Wind speed abs. max. date/time:	January 7 8:54	:	32.0 kt
Wind vector weekly average		:	99 °
Wind energy potential total *		:	19 KWhr/m
Wind energy weekly average *		:	2760 Whr/m
Wind energy potential maximum * date:		:	4211 Whr/m
Wind energy potential minimum * date:		:	174 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

