

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 39

Week Starting: September 23, 2018

Station: Hato, Airport

Week Ending: September 29, 2018

Rain			
Rainfall total		:	12.0 mm
Rainfall 24 hour's maximum date:	September 27	:	6.8 mm
Rainfall amount of days \geq 1.0 mm		:	3 days
Rainfall cumulative		:	258.1 mm
Evaporation			
Evaporation daily average		:	6.8 mm
Evaporation week total		:	47.2 mm
Evaporation maximum/week date:	September 29	:	10.3 mm
Sunshine			
Sunshine duration weekly average		:	7 57 hours:min
Sunshine absolute max./week date:	September 23	:	10 42 hours:min
Sunshine absolute min./week date:	September 26	:	3 54 hours:min
Solar radiation weekly average		:	4545 Whr/m ² /day
Solar radiation absolute max./week date:		:	5346 Whr/m ² /day
Solar radiation absolute min./week date:		:	3702 Whr/m ² /day
Temperature			
Temperature weekly average		:	29.1 °C
Temperature weekly maximum average		:	33.0 °C
Temp. abs. max. date/time:	September 24 14:34	:	34.0 °C
Temperature weekly minimum average		:	26.7 °C
Temp. abs. min. date/time:	September 23 2:49	:	24.9 °C
Relative humidity weekly average		:	74.5 %
Wind			
Wind speed weekly average		:	11.2 kt
Wind speed avg. max		:	23.3 kt
Wind speed abs. max. date/time:	September 26 12:31	:	31.0 kt
Wind vector weekly average		:	98 °
Wind energy potential total *		:	18 KWhr/m ²
Wind energy weekly average *		:	2536 Whr/m ²
Wind energy potential maximum * date:		:	4268 Whr/m ²
Wind energy potential minimum * date:		:	79 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

