

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 12

Week Starting: March 18, 2018

Station: Hato, Airport

Week Ending: March 24, 2018

Rain			
Rainfall total		:	0.0 mm
Rainfall 24 hour's maximum date:	March 18	:	0.0 mm
Rainfall amount of days $\geq$ 1.0 mm		:	0 days
Rainfall cumulative		:	138.6 mm
Evaporation			
Evaporation daily average		:	8.6 mm
Evaporation week total		:	60.1 mm
Evaporation maximum/week date:	March 20	:	13.2 mm
Sunshine			
Sunshine duration weekly average		:	9 26 hours:min
Sunshine absolute max./week date:	March 20	:	10 48 hours:min
Sunshine absolute min./week date:	March 21	:	8 0 hours:min
Solar radiation weekly average		:	5579 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	6054 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	4843 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	27.0 °C
Temperature weekly maximum average		:	30.6 °C
Temp. abs. max. date/time:	March 20 13:32	:	31.3 °C
Temperature weekly minimum average		:	24.8 °C
Temp. abs. min. date/time:	March 20 4:43	:	23.6 °C
Relative humidity weekly average		:	71.4 %
Wind			
Wind speed weekly average		:	12.8 kt
Wind speed avg. max		:	26.1 kt
Wind speed abs. max. date/time:	March 22 11:34	:	29.0 kt
Wind vector weekly average		:	105 °
Wind energy potential total *		:	27 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	3804 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	5336 Whr/m <sup>2</sup>
Wind energy potential minimum * date:		:	174 Whr/m <sup>2</sup>
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

