

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 4

Week Starting: January 21, 2018

Station: Hato, Airport

Week Ending: January 27, 2018

Rain			
Rainfall total		:	0.8 mm
Rainfall 24 hour's maximum date:	January 27	:	0.4 mm
Rainfall amount of days $\geq$ 1.0 mm		:	0 days
Rainfall cumulative		:	31.3 mm
Evaporation			
Evaporation daily average		:	5.1 mm
Evaporation week total		:	35.7 mm
Evaporation maximum/week date:	January 27	:	8.7 mm
Sunshine			
Sunshine duration weekly average		:	8 0 hours:min
Sunshine absolute max./week date:	January 24	:	9 36 hours:min
Sunshine absolute min./week date:	January 26	:	2 36 hours:min
Solar radiation weekly average		:	4096 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	4700 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	3351 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	27.2 °C
Temperature weekly maximum average		:	30.3 °C
Temp. abs. max. date/time:	January 24 14:15	:	31.6 °C
Temperature weekly minimum average		:	25.2 °C
Temp. abs. min. date/time:	January 23 3:06	:	24.5 °C
Relative humidity weekly average		:	72.8 %
Wind			
Wind speed weekly average		:	13.2 kt
Wind speed avg. max		:	26.3 kt
Wind speed abs. max. date/time:	January 22 13:26	:	33.0 kt
Wind vector weekly average		:	100 °
Wind energy potential total *		:	27 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	3859 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	5212 Whr/m <sup>2</sup>
Wind energy potential minimum * date:		:	79 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

