

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 5

Week Starting: January 27, 2019

Station: Hato, Airport

Week Ending: February 02, 2019

Rain			
Rainfall total		:	0.0 mm
Rainfall 24 hour's maximum date:	January 27	:	0.0 mm
Rainfall amount of days $\geq$ 1.0 mm		:	0 days
Rainfall cumulative		:	4.3 mm
Evaporation			
Evaporation daily average		:	6.4 mm
Evaporation week total		:	44.9 mm
Evaporation maximum/week date:	January 27	:	8.0 mm
Sunshine			
Sunshine duration weekly average		:	9 54 hours:min
Sunshine absolute max./week date:	January 30	:	10 36 hours:min
Sunshine absolute min./week date:	January 29	:	9 12 hours:min
Solar radiation weekly average		:	4314 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	4653 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	4060 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	26.4 °C
Temperature weekly maximum average		:	30.3 °C
Temp. abs. max. date/time:	January 29 12:25	:	31.5 °C
Temperature weekly minimum average		:	24.1 °C
Temp. abs. min. date/time:	February 2 6:54	:	23.1 °C
Relative humidity weekly average		:	69.6 %
Wind			
Wind speed weekly average		:	11.9 kt
Wind speed avg. max		:	21.6 kt
Wind speed abs. max. date/time:	January 27 9:32	:	24.0 kt
Wind vector weekly average		:	105 °
Wind energy potential total *		:	20 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	2860 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	4286 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

