

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 31

Week Starting: July 29, 2018

Station: Hato, Airport

Week Ending: August 04, 2018

Rain			
Rainfall total		:	13.5 mm
Rainfall 24 hour's maximum date:	August 02	:	12.1 mm
Rainfall amount of days $\geq$ 1.0 mm		:	1 days
Rainfall cumulative		:	224.9 mm
Evaporation			
Evaporation daily average		:	7.6 mm
Evaporation week total		:	53.4 mm
Evaporation maximum/week date:	July 31	:	11.3 mm
Sunshine			
Sunshine duration weekly average		:	9 58 hours:min
Sunshine absolute max./week date:	August 02	:	11 36 hours:min
Sunshine absolute min./week date:	July 29	:	8 36 hours:min
Solar radiation weekly average		:	7351 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	17093 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	5282 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	28.4 °C
Temperature weekly maximum average		:	31.9 °C
Temp. abs. max. date/time:	July 30 12:38	:	32.5 °C
Temperature weekly minimum average		:	26.2 °C
Temp. abs. min. date/time:	August 2 3:48	:	23.7 °C
Relative humidity weekly average		:	74.6 %
Wind			
Wind speed weekly average		:	12.5 kt
Wind speed avg. max		:	23.6 kt
Wind speed abs. max. date/time:	July 30 14:57	:	25.0 kt
Wind vector weekly average		:	100 °
Wind energy potential total *		:	24 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	3357 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	4512 Whr/m <sup>2</sup>
Wind energy potential minimum * date:		:	105 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

