

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 27

Week Starting: July 01, 2018

Station: Hato, Airport

Week Ending: July 07, 2018

Rain			
Rainfall total		:	24.3 mm
Rainfall 24 hour's maximum date:	July 02	:	18.5 mm
Rainfall amount of days $\geq$ 1.0 mm		:	3 days
Rainfall cumulative		:	196.0 mm
Evaporation			
Evaporation daily average		:	6.2 mm
Evaporation week total		:	43.4 mm
Evaporation maximum/week date:	July 06	:	9.8 mm
Sunshine			
Sunshine duration weekly average		:	8 25 hours:min
Sunshine absolute max./week date:	July 06	:	11 6 hours:min
Sunshine absolute min./week date:	July 01	:	0 0 hours:min
Solar radiation weekly average		:	4860 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	9027 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	1024 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	27.4 °C
Temperature weekly maximum average		:	30.4 °C
Temp. abs. max. date/time:	July 6 14:18	:	31.9 °C
Temperature weekly minimum average		:	25.3 °C
Temp. abs. min. date/time:	July 1 6:59	:	23.7 °C
Relative humidity weekly average		:	79.1 %
Wind			
Wind speed weekly average		:	11.8 kt
Wind speed avg. max		:	26.4 kt
Wind speed abs. max. date/time:	July 1 13:10	:	33.0 kt
Wind vector weekly average		:	104 °
Wind energy potential total *		:	22 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	3136 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	5887 Whr/m <sup>2</sup>
Wind energy potential minimum * date:		:	41 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

