

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 37

Week Starting: September 09, 2018

Station: Hato, Airport

Week Ending: September 15, 2018

Rain			
Rainfall total		:	9.5 mm
Rainfall 24 hour's maximum date:	September 15	:	6.8 mm
Rainfall amount of days $\geq$ 1.0 mm		:	2 days
Rainfall cumulative		:	245.4 mm
Evaporation			
Evaporation daily average		:	8.1 mm
Evaporation week total		:	56.4 mm
Evaporation maximum/week date:	September 11	:	11.3 mm
Sunshine			
Sunshine duration weekly average		:	9 21 hours:min
Sunshine absolute max./week date:	September 13	:	11 0 hours:min
Sunshine absolute min./week date:	September 14	:	3 48 hours:min
Solar radiation weekly average		:	5411 Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		:	6119 Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		:	3400 Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		:	29.2 °C
Temperature weekly maximum average		:	33.4 °C
Temp. abs. max. date/time:	September 15 13:31	:	35.1 °C
Temperature weekly minimum average		:	26.3 °C
Temp. abs. min. date/time:	September 13 6:16	:	25.1 °C
Relative humidity weekly average		:	72.7 %
Wind			
Wind speed weekly average		:	9.9 kt
Wind speed avg. max		:	19.7 kt
Wind speed abs. max. date/time:	September 9 11:09	:	27.0 kt
Wind vector weekly average		:	96 °
Wind energy potential total *		:	14 KWhr/m <sup>2</sup>
Wind energy weekly average *		:	2367 Whr/m <sup>2</sup>
Wind energy potential maximum * date:		:	4325 Whr/m <sup>2</sup>
Wind energy potential minimum * date:		:	191 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

