

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

November 2017

Station: Hato, Airport

Rain			
Rainfall total	:	78.8	mm
Rainfall percentage total/long-term average	:	-36	%
Rainfall 24 hour's maximum date:	November 19	:	33.7 mm
Rainfall amount of days >= 1.0 mm	:	4	days
Hours with rainfall	:	19	hours
Hours with rainfall percentage/long-term average	:	-73	%
Rainfall cumulative	:	443.7	mm
Rainfall percentage cumulative/long-term average	:	-13	%
Evaporation			
Evaporation daily average	:	7.1	mm
Evaporation monthly total	:	211.7	mm
Evaporation maximum/month date:	November 25	:	13.5 mm
Sunshine			
Sunshine duration monthly average	:	8 15	hours:min
Sunshine percentage total/normal	:	5	%
Sunshine absolute max./month date:	November 03	:	10 42 hours:min
Sunshine absolute min./month date:	November 17	:	1 6 hours:min
Solar radiation monthly average	:	4571	Whr/m2 /day
Solar radiation absolute max./month date:	November 03	:	5839 Whr/m2 /day
Solar radiation absolute min./month date:	November 17	:	2684 Whr/m2 /day
Temperature			
Temperature monthly average	:	28.4	°C
Temperature monthly maximum average	:	31.5	°C
Temp. abs. max. date/time:	November 15 11:04	:	34.2 °C
Temperature monthly minimum average	:	26.6	°C
Temp. abs. min. date/time:	November 19 3:08	:	23.7 °C
Relative humidity monthly	:	75.9	%
Wind			
Wind speed monthly average	:	10.2	kt
Wind speed avg. max	:	20.7	kt
Wind speed abs. max. date/time:	November 08 13:07	:	30.0 kt
Wind vector monthly average	:	104	°
Wind energy potential total *	:	76359	Whr/m2
Wind energy monthly average *	:	2727	Whr/m2 /day
Wind energy potential maximum * date:	:	5115	Whr/m2 /day
Wind energy potential minimum * date:	:	55	Whr/m2 /day
Remarks			

The absolute maximum and the minimum average temperature were extremely high for the month of November. Also observed, was the wind speed average maximum which was extremely low. These were the findings for the month November of 2017.

\* 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

