

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

November 2018

Station: Hato, Airport

Rain			
Rainfall total	:	42.4 (78.8)	mm
Rainfall percentage total/long-term average	:	-65 (-36)	%
Rainfall 24 hour's maximum date:	November 08	:	6.9 (33.7) mm
Rainfall amount of days >= 1.0 mm	:	11 (4)	days
Hours with rainfall	:	50 (19)	hours
Hours with rainfall percentage/long-term average	:	-28 (-73)	%
Rainfall cumulative	:	564.1 (438.7)	mm
Rainfall percentage cumulative/long-term average	:	10 (-14)	%
Evaporation			
Evaporation daily average	:	5.1 (7.1)	mm
Evaporation monthly total	:	154.0 (211.7)	mm
Evaporation maximum/month date:	November 20	:	9.1 (13.5) mm
Sunshine			
Sunshine duration monthly average	:	8 43	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	November 01	:	10 48 hours:min
Sunshine absolute min./month date:	November 03	:	2 42 hours:min
Solar radiation monthly average	:	4245	Whr/m ² /dav
Solar radiation absolute max./month date:	November 29	:	4946 Whr/m ² /dav
Solar radiation absolute min./month date:	November 03	:	2737 Whr/m ² /dav
Temperature			
Temperature monthly average	:	27.9 (28.4)	°C
Temperature monthly maximum average	:	31.1 (31.5)	°C
Temp. abs. max. date/time:	November 01 13:05	:	32.1 (34.2) °C
Temperature monthly minimum average	:	25.4 (26.6)	°C
Temp. abs. min. date/time:	November 30 5:14	:	23.3 (23.7) °C
Relative humidity monthly	:	76.8 (75.9)	%
Wind			
Wind speed monthly average	:	10.0 (10.2)	kt
Wind speed avg. max	:	22.5 (20.7)	kt
Wind speed abs. max. date/time:	November 02 6:26	:	31.0 (30.0) kt
Wind vector monthly average	:	105 (104)	°
Wind energy potential total *	:	68632 (76359)	Whr/m ²
Wind energy monthly average *	:	2288 (2727)	Whr/m ² /dav
Wind energy potential maximum * date:	:	5859 (5115)	Whr/m ² /dav
Wind energy potential minimum * date:	:	389 (55)	Whr/m ² /dav
Remarks			

Two extremely low values for the month November. The relative humidity and 24 hours rainfall. Both in comparison with the 30 years average.

* 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

() Same month previous year data

