

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

April 2019

Station: Hato, Airport

Rain			
Rainfall total	:	4.2 (6.4)	mm
Rainfall percentage total/long-term average	:	-78 (-67)	%
Rainfall 24 hour's maximum date:	April 04	:	3.4 (5.8) mm
Rainfall amount of days \geq 1.0 mm	:	1 (1)	days
Hours with rainfall	:	9 (5)	hours
Hours with rainfall percentage/long-term average	:	-57 (-76)	%
Rainfall cumulative	:	40.8 (140.7)	mm
Rainfall percentage cumulative/long-term average	:	-64 (26)	%
Evaporation			
Evaporation daily average	:	7.6 (9.4)	mm
Evaporation monthly total	:	228.3 (281.1)	mm
Evaporation maximum/month date:	April 01	:	10.6 (13.5) mm
Sunshine			
Sunshine duration monthly average	:	9 20	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	April 05	:	10 54 hours:min
Sunshine absolute min./month date:	April 25	:	3 18 hours:min
Solar radiation monthly average	:	5562	Whr/m ² /dav
Solar radiation absolute max./month date:	April 22	:	6547 Whr/m ² /dav
Solar radiation absolute min./month date:	April 25	:	3679 Whr/m ² /dav
Temperature			
Temperature monthly average	:	27.4 (27.7)	°C
Temperature monthly maximum average	:	30.8 (31.4)	°C
Temp. abs. max. date/time:	April 09 12:02	:	31.4 (33.1) °C
Temperature monthly minimum average	:	25.7 (25.5)	°C
Temp. abs. min. date/time:	April 03 5:38	:	24.5 (24.0) °C
Relative humidity monthly	:	72.4 (72.3)	%
Wind			
Wind speed monthly average	:	12.7 (12.4)	kt
Wind speed avg. max	:	23.3 (23.1)	kt
Wind speed abs. max. date/time:	April 28 9:54	:	30.0 (31.0) kt
Wind vector monthly average	:	101 (101)	°
Wind energy potential total *	:	126551 (117591)	Whr/m ²
Wind energy monthly average *	:	4218 (3920)	Whr/m ² /dav
Wind energy potential maximum * date:	:	6983 (7023)	Whr/m ² /dav
Wind energy potential minimum * date:	:	2081 (1644)	Whr/m ² /dav
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

() Same month previous year data

