

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

July 2019

Station: Hato, Airport

Rain			
Rainfall total	:	18.0	(41.0) mm
Rainfall percentage total/long-term average	:	-56	(-1) %
Rainfall 24 hour's maximum date:	July 02	:	9.2 (18.5) mm
Rainfall amount of days \geq 1.0 mm	:	4	(7) days
Hours with rainfall	:	19	(40) hours
Hours with rainfall percentage/long-term average	:	-46	(14) %
Rainfall cumulative	:	65.8	(207.2) mm
Rainfall percentage cumulative/long-term average	:	-67	(5) %
Evaporation			
Evaporation daily average	:	8.0	(7.2) mm
Evaporation monthly total	:	246.6	(223.8) mm
Evaporation maximum/month date:	July 24	:	10.5 (11.3) mm
Sunshine			
Sunshine duration monthly average	:	9 44	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	July 31	:	11 36 hours:min
Sunshine absolute min./month date:	July 01	:	2 24 hours:min
Solar radiation monthly average	:	5378	Whr/m ² /dav
Solar radiation absolute max./month date:	July 31	:	10123 Whr/m ² /dav
Solar radiation absolute min./month date:	July 01	:	2731 Whr/m ² /dav
Temperature			
Temperature monthly average	:	28.5	(28.2) °C
Temperature monthly maximum average	:	31.7	(31.5) °C
Temp. abs. max. date/time:	July 31 11:18	:	33.5 (32.9) °C
Temperature monthly minimum average	:	26.5	(26.2) °C
Temp. abs. min. date/time:	July 01 12:28	:	25.2 (23.7) °C
Relative humidity monthly	:	73.9	(76.0) %
Wind			
Wind speed monthly average	:	12.7	(12.3) kt
Wind speed avg. max	:	24.9	(25.1) kt
Wind speed abs. max. date/time:	July 10 10:53	:	31.0 (33.0) kt
Wind vector monthly average	:	104	(103) °
Wind energy potential total *	:	137105	(121268) Whr/m ²
Wind energy monthly average *	:	4423	(3912) Whr/m ² /dav
Wind energy potential maximum * date:	:	8431	(6499) Whr/m ² /dav
Wind energy potential minimum * date:	:	1101	(886) Whr/m ² /dav
Remarks			

The rainfall total was extremely low. The absolute and minimum average temperature was extremely high. All in comparison with the 30 year climatological data.

* 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

