

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

June 2019

Station: Hato, Airport

Rain			
Rainfall total	:	6.5 (24.0)	mm
Rainfall percentage total/long-term average	:	-71 (7)	%
Rainfall 24 hour's maximum date:	June 19	:	4.4 (15.5) mm
Rainfall amount of days \geq 1.0 mm	:	1 (3)	days
Hours with rainfall	:	2 (8)	hours
Hours with rainfall percentage/long-term average	:	-93 (-71)	%
Rainfall cumulative	:	47.8 (166.2)	mm
Rainfall percentage cumulative/long-term average	:	-69 (7)	%
Evaporation			
Evaporation daily average	:	8.1 (8.6)	mm
Evaporation monthly total	:	242.2 (256.4)	mm
Evaporation maximum/month date:	June 13	:	11.3 (13.9) mm
Sunshine			
Sunshine duration monthly average	:	7 27	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	June 14	:	11 12 hours:min
Sunshine absolute min./month date:	June 07	:	0 0 hours:min
Solar radiation monthly average	:	4446	Whr/m ² /dav
Solar radiation absolute max./month date:	June 14	:	5467 Whr/m ² /dav
Solar radiation absolute min./month date:	June 07	:	2612 Whr/m ² /dav
Temperature			
Temperature monthly average	:	28.6 (28.1)	°C
Temperature monthly maximum average	:	31.6 (31.4)	°C
Temp. abs. max. date/time:	June 20 13:27	:	32.8 (34.2) °C
Temperature monthly minimum average	:	26.9 (26.2)	°C
Temp. abs. min. date/time:	June 19 6:45	:	25.2 (24.6) °C
Relative humidity monthly	:	73.4 (74.0)	%
Wind			
Wind speed monthly average	:	13.8 (13.4)	kt
Wind speed avg. max	:	26.2 (26.5)	kt
Wind speed abs. max. date/time:	June 21 12:23	:	34.0 (36.0) kt
Wind vector monthly average	:	105 (105)	°
Wind energy potential total *	:	165297 (148337)	Whr/m ²
Wind energy monthly average *	:	5510 (4945)	Whr/m ² /dav
Wind energy potential maximum * date:	:	10558 (7899)	Whr/m ² /dav
Wind energy potential minimum * date:	:	1050 (2350)	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

