

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

December 2018

Station: Hato, Airport

Rain			
Rainfall total	:	32.4 (79.9)	mm
Rainfall percentage total/long-term average	:	-66 (-16)	%
Rainfall 24 hour's maximum date:	December 06	:	10.1 (16.5) mm
Rainfall amount of days \geq 1.0 mm	:	8 (17)	days
Hours with rainfall	:	35 (70)	hours
Hours with rainfall percentage/long-term average	:	-54 (-9)	%
Rainfall cumulative	:	596.5 (518.6)	mm
Rainfall percentage cumulative/long-term average	:	-2 (-15)	%
Evaporation			
Evaporation daily average	:	5.8 (6.1)	mm
Evaporation monthly total	:	179.4 (189.9)	mm
Evaporation maximum/month date:	December 13	:	12.2 (9.7) mm
Sunshine			
Sunshine duration monthly average	:	8 53	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	December 10	:	10 36 hours:min
Sunshine absolute min./month date:	December 01	:	3 24 hours:min
Solar radiation monthly average	:	3979	Whr/m ² /dav
Solar radiation absolute max./month date:	December 01	:	5080 Whr/m ² /dav
Solar radiation absolute min./month date:	December 01	:	2745 Whr/m ² /dav
Temperature			
Temperature monthly average	:	26.8 (27.5)	°C
Temperature monthly maximum average	:	30.1 (30.5)	°C
Temp. abs. max. date/time:	December 14 12:10	:	31.2 (31.9) °C
Temperature monthly minimum average	:	24.7 (25.2)	°C
Temp. abs. min. date/time:	December 05 8:28	:	22.9 (22.9) °C
Relative humidity monthly	:	72.9 (75.6)	%
Wind			
Wind speed monthly average	:	11.9 (11.2)	kt
Wind speed avg. max	:	24.7 (24.0)	kt
Wind speed abs. max. date/time:	December 01 13:43	:	32.0 (34.0) kt
Wind vector monthly average	:	109 (97)	°
Wind energy potential total *	:	110294 (92328)	Whr/m ²
Wind energy monthly average *	:	3558 (2978)	Whr/m ² /dav
Wind energy potential maximum * date:	:	6508 (4860)	Whr/m ² /dav
Wind energy potential minimum * date:	:	531 (384)	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

