

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

December 2022

Station: Hato, Airport

Rain			
Rainfall total	:	62.4 (91.8)	mm
Rainfall percentage total/long-term average	:	-35 (-4)	%
Rainfall 24 hour's maximum date:	December 21	:	18.6 (18.9) mm
Rainfall amount of days \geq 1.0 mm	:	14 (17)	days
Hours with rainfall	:	69 (31)	hours
Hours with rainfall percentage/long-term average	:	-10 (-60)	%
Rainfall cumulative	:	772.5 (623.2)	mm
Rainfall percentage cumulative/long-term average	:	28 (4)	%
Evaporation			
Evaporation daily average	:	()	mm
Evaporation monthly total	:	()	mm
Evaporation maximum/month date:	:	()	mm
Sunshine			
Sunshine duration monthly average	:		hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date:	:		hours:min
Sunshine absolute min./month date:	:		hours:min
Solar radiation monthly average	:	3611	Whr/m ² /dav
Solar radiation absolute max./month date:	:	5158	Whr/m ² /dav
Solar radiation absolute min./month date:	:	1903	Whr/m ² /dav
Temperature			
Temperature monthly average	:	26.6 (27.0)	°C
Temperature monthly maximum average	:	29.1 (30.0)	°C
Temp. abs. max. date/time:	December 19 11:15	:	30.0 (31.5) °C
Temperature monthly minimum average	:	24.1 (24.5)	°C
Temp. abs. min. date/time:	December 11 5:21	:	22.8 (23.1) °C
Relative humidity monthly	:	74.5 (79.7)	%
Wind			
Wind speed monthly average	:	10.3 (10.7)	kt
Wind speed avg. max	:	22.5 (23.7)	kt
Wind speed abs. max. date/time:	December 24 13:20	:	31.0 (30.0) kt
Wind vector monthly average	:	92 (95)	°
Wind energy potential total *	:	73 (82)	Whr/m ²
Wind energy monthly average *	:	2440 (2656)	Whr/m ² /dav
Wind energy potential maximum * date:	:	5323 (5425)	Whr/m ² /dav
Wind energy potential minimum * date:	:	286 (430)	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

