

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

December 2024

Station: *Hato, Airport*

Rain			
Rainfall total	:	12.1 ( 86.7)	mm
Rainfall percentage total/long-term average	:	-87 ( -9)	%
Rainfall 24 hour's maximum date:		<i>December 04</i>	
Rainfall amount of days >= 1.0 mm	:	5 ( 12)	days
Hours with rainfall	:	35 ( 52)	hours
Hours with rainfall percentage/long-term average	:	-54 ( -32)	%
Rainfall cumulative	:	367.7 ( 610.9)	mm
Rainfall percentage cumulative/long-term average	:	-39 ( 2)	%
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	:	4714	Whr/m <sup>2</sup> /day
Solar radiation absolute max./month date:	:	5829	Whr/m <sup>2</sup> /day
Solar radiation absolute min./month date:	:	2150	Whr/m <sup>2</sup> /day
Temperature			
Temperature monthly average	:	28.6 ( 28.1)	°C
Temperature monthly maximum average	:	32.1 ( 30.8)	°C
Temp. abs. max. date/time:		<i>December 20 13:04</i>	
Temperature monthly minimum average	:	26.3 ( 26.1)	°C
Temp. abs. min. date/time:		<i>December 11 20:30</i>	
Relative humidity monthly	:	79.3 ( 81.2)	%
Wind			
Wind speed monthly average	:	10.3 ( 10.7)	kt
Wind speed avg. max	:	21.6 ( 22.1)	kt
Wind speed abs. max. date/time:		<i>December 20 13:53</i>	
Wind vector monthly average	:	99 ( 96)	°
Wind energy potential total *	:	71 ( 78)	Whr/m <sup>2</sup>
Wind energy monthly average *	:	2282 ( 2518)	Whr/m <sup>2</sup> /day
Wind energy potential maximum * date:	:	4165 ( 5158)	Whr/m <sup>2</sup> /day
Wind energy potential minimum * date:	:	474 ( 641)	Whr/m <sup>2</sup> /day
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

