

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

December 2023

Station: Hato, Airport

Rain			
Rainfall total	:	86.7 ( 62.4 )	mm
Rainfall percentage total/long-term average	:	-9 ( -35 )	%
Rainfall 24 hour's maximum date:	December 22	:	26.6 ( 18.6 ) mm
Rainfall amount of days >= 1.0 mm	:	12 ( 14 )	days
Hours with rainfall	:	52 ( 69 )	hours
Hours with rainfall percentage/long-term average	:	-32 ( -10 )	%
Rainfall cumulative	:	610.9 ( 772.5 )	mm
Rainfall percentage cumulative/long-term average	:	2 ( 28 )	%
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	:	4071	Whr/m <sup>2</sup> /day
Solar radiation absolute max./month date:	:	5321	Whr/m <sup>2</sup> /day
Solar radiation absolute min./month date:	:	2081	Whr/m <sup>2</sup> /day
Temperature			
Temperature monthly average	:	28.1 ( 26.6 )	°C
Temperature monthly maximum average	:	30.8 ( 29.1 )	°C
Temp. abs. max. date/time:	December 18 11:11	:	32.6 ( 30.0 ) °C
Temperature monthly minimum average	:	26.1 ( 24.1 )	°C
Temp. abs. min. date/time:	December 25 11:29	:	24.8 ( 22.8 ) °C
Relative humidity monthly	:	81.2 ( 74.5 )	%
Wind			
Wind speed monthly average	:	10.7 ( 10.3 )	kt
Wind speed avg. max	:	22.1 ( 22.5 )	kt
Wind speed abs. max. date/time:	December 13 14:01	:	29.0 ( 31.0 ) kt
Wind vector monthly average	:	96 ( 92 )	°
Wind energy potential total *	:	78 ( 73 )	Whr/m <sup>2</sup>
Wind energy monthly average *	:	2518 ( 2440 )	Whr/m <sup>2</sup> /day
Wind energy potential maximum * date:	:	5158 ( 5323 )	Whr/m <sup>2</sup> /day
Wind energy potential minimum * date:	:	641 ( 286 )	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

