

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

August 2024

Station: *Hato, Airport*

Rain			
Rainfall total	:	11.9 ( 21.2)	mm
Rainfall percentage total/long-term average	:	-70 ( -47)	%
Rainfall 24 hour's maximum date:		<i>August 06</i>	
Rainfall amount of days >= 1.0 mm	:	3 ( 2)	days
Hours with rainfall	:	6 ( 12)	hours
Hours with rainfall percentage/long-term average	:	-80 ( -60)	%
Rainfall cumulative	:	177.6 ( 152.7)	mm
Rainfall percentage cumulative/long-term average	:	-24 ( -35)	%
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	:	7034	Whr/m <sup>2</sup> /day
Solar radiation absolute max./month date:	:	7838	Whr/m <sup>2</sup> /day
Solar radiation absolute min./month date:	:	5459	Whr/m <sup>2</sup> /day
Temperature			
Temperature monthly average	:	30.2 ( 29.9)	°C
Temperature monthly maximum average	:	34.1 ( 33.7)	°C
Temp. abs. max. date/time:		<i>August 14 14:09</i>	
Temperature monthly minimum average	:	27.8 ( 27.5)	°C
Temp. abs. min. date/time:		<i>August 06 6:08</i>	
Relative humidity monthly	:	77.5 ( 79.5)	%
Wind			
Wind speed monthly average	:	11.0 ( 9.6)	kt
Wind speed avg. max	:	22.2 ( 21.4)	kt
Wind speed abs. max. date/time:		<i>August 03 12:58</i>	
Wind vector monthly average	:	101 ( 100)	°
Wind energy potential total *	:	86 ( 67)	Whr/m <sup>2</sup>
Wind energy monthly average *	:	2761 ( 2154)	Whr/m <sup>2</sup> /day
Wind energy potential maximum * date:	:	4601 ( 5686)	Whr/m <sup>2</sup> /day
Wind energy potential minimum * date:	:	773 ( 110)	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

