

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

July 2024

Station: *Hato, Airport*

Rain			
Rainfall total	:	38.3 ( 38.2)	mm
Rainfall percentage total/long-term average	:	-7 ( -8)	%
Rainfall 24 hour's maximum date:	<i>July 26</i>	9.7 ( 21.7)	mm
Rainfall amount of days >= 1.0 mm	:	7 ( 4)	days
Hours with rainfall	:	21 ( 20)	hours
Hours with rainfall percentage/long-term average	:	-40 ( -43)	%
Rainfall cumulative	:	165.7 ( 131.5)	mm
Rainfall percentage cumulative/long-term average	:	-14 ( -32)	%
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	:	6808	Whr/m <sup>2</sup> /day
Solar radiation absolute max./month date:	:	7645	Whr/m <sup>2</sup> /day
Solar radiation absolute min./month date:	:	3055	Whr/m <sup>2</sup> /day
Temperature			
Temperature monthly average	:	29.8 ( 29.2)	°C
Temperature monthly maximum average	:	33.3 ( 32.4)	°C
Temp. abs. max. date/time:	<i>July 17 13:25</i>	35.8 ( 33.7)	°C
Temperature monthly minimum average	:	27.4 ( 27.3)	°C
Temp. abs. min. date/time:	<i>July 23 7:11</i>	25.2 ( 25.5)	°C
Relative humidity monthly	:	78.3 ( 79.0)	%
Wind			
Wind speed monthly average	:	11.9 ( 12.2)	kt
Wind speed avg. max	:	24.2 ( 23.9)	kt
Wind speed abs. max. date/time:	<i>July 01 10:03</i>	32.0 ( 31.0)	kt
Wind vector monthly average	:	100 ( 98)	°
Wind energy potential total *	:	95 ( 112)	Whr/m <sup>2</sup>
Wind energy monthly average *	:	3161 ( 3732)	Whr/m <sup>2</sup> /day
Wind energy potential maximum * date:	:	5452 ( 7336)	Whr/m <sup>2</sup> /day
Wind energy potential minimum * date:	:	1121 ( 681)	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

