

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

March 2021

Station: Hato, Airport

Rain			
Rainfall total	:	74.7 ( 27.7)	mm
Rainfall percentage total/long-term average	:	430 ( 97)	%
Rainfall 24 hour's maximum date:	:	29.9 ( 11.3)	mm
Rainfall amount of days >= 1.0 mm	:	9 ( 7)	days
Hours with rainfall	:	40 ( 23)	hours
Hours with rainfall percentage/long-term average	:	80 ( 4)	%
Rainfall cumulative	:	216.1 ( 88.4)	mm
Rainfall percentage cumulative/long-term average	:	143 ( -1)	%
Evaporation			
Evaporation daily average	:	( 8.2)	mm
Evaporation monthly total	:	( 254.5)	mm
Evaporation maximum/month date:	:	( 12.5)	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	:	5641	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	7484	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	1244	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	26.7 ( 27.6)	°C
Temperature monthly maximum average	:	29.5 ( 30.9)	°C
Temp. abs. max. date/time:	March 09 11:36	:	30.4 ( 32.1) °C
Temperature monthly minimum average	:	24.7 ( 25.3)	°C
Temp. abs. min. date/time:	March 02 4:43	:	23.1 ( 23.9) °C
Relative humidity monthly	:	73.0 ( 67.1)	%
Wind			
Wind speed monthly average	:	12.1 ( 12.2)	kt
Wind speed avg. max	:	22.6 ( 22.2)	kt
Wind speed abs. max. date/time:	March 16 17:31	:	28.0 ( 30.0) kt
Wind vector monthly average	:	93 ( 98)	°
Wind energy potential total *	:	102 ( 117)	Whr/m <sup>2</sup>
Wind energy monthly average *	:	3502 ( 3774)	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	5398 ( 8536)	Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	1143 ( 893)	Whr/m <sup>2</sup> /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

