

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

December 2020

Station: Hato, Airport

Rain			
Rainfall total	:	57.7 ( 60.4)	mm
Rainfall percentage total/long-term average	:	-40 ( )	%
Rainfall 24 hour's maximum date:	December 24	15.1 ( 18.2)	mm
Rainfall amount of days >= 1.0 mm	:	11 ( 8)	days
Hours with rainfall	:	40 ( 33)	hours
Hours with rainfall percentage/long-term average	:	-48 ( )	%
Rainfall cumulative	:	642.9 ( 195.4)	mm
Rainfall percentage cumulative/long-term average	:	7 ( )	%
Evaporation			
Evaporation daily average	:	( 5.9)	mm
Evaporation monthly total	:	( 183.7)	mm
Evaporation maximum/month date:	:	( 9.6)	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	:	4670	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	5650	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	3615	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	27.5 ( 28.0)	°C
Temperature monthly maximum average	:	30.1 ( 30.9)	°C
Temp. abs. max. date/time:	December 07 12:53	31.2 ( 32.9)	°C
Temperature monthly minimum average	:	25.1 ( 25.8)	°C
Temp. abs. min. date/time:	December 29 6:47	22.8 ( 23.9)	°C
Relative humidity monthly	:	73.9 ( 74.1)	%
Wind			
Wind speed monthly average	:	10.6 ( 13.3)	kt
Wind speed avg. max	:	21.5 ( 25.9)	kt
Wind speed abs. max. date/time:	December 19 4:29	28.0 ( 32.0)	kt
Wind vector monthly average	:	96 ( 110)	°
Wind energy potential total *	:	78 ( 71)	Whr/m <sup>2</sup>
Wind energy monthly average *	:	2516 ( 4715)	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	4158 ( 7388)	Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	41 ( 1346 )	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

