

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

January 2022

Station: Hato, Airport

Rain			
Rainfall total	:	11.5 ( 74.9)	mm
Rainfall percentage total/long-term average	:	-75 ( 63)	%
Rainfall 24 hour's maximum date:	January 20	:	4.4 ( 16.8) mm
Rainfall amount of days >= 1.0 mm	:	4 ( 12)	days
Hours with rainfall	:	0 ( 66)	hours
Hours with rainfall percentage/long-term average	:	-100 ( 8)	%
Rainfall cumulative	:	11.5 ( 74.9)	mm
Rainfall percentage cumulative/long-term average	:	-75 ( 63)	%
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	:	4779	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	5920	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	3442	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	26.6 ( 26.5)	°C
Temperature monthly maximum average	:	30.0 ( 29.5)	°C
Temp. abs. max. date/time:	January 14 9:43	:	31.4 ( 30.3) °C
Temperature monthly minimum average	:	24.2 ( 24.2)	°C
Temp. abs. min. date/time:	January 30 4:34	:	22.1 ( 22.3) °C
Relative humidity monthly	:	74.5 ( 73.9)	%
Wind			
Wind speed monthly average	:	10.9 ( 11.4)	kt
Wind speed avg. max	:	21.4 ( 23.5)	kt
Wind speed abs. max. date/time:	January 02 2:57	:	29.0 ( 32.0) kt
Wind vector monthly average	:	92 ( 99)	°
Wind energy potential total *	:	88 ( 99)	Whr/m <sup>2</sup>
Wind energy monthly average *	:	2833 ( 3185)	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	6256 ( 8154)	Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	258 ( 689)	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

