

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

August 2021

Station: Hato, Airport

Rain			
Rainfall total	:	75.5 ( 34.9)	mm
Rainfall percentage total/long-term average	:	90 ( -12)	%
Rainfall 24 hour's maximum date:	:	42.6 ( 25.9)	mm
Rainfall amount of days >= 1.0 mm	:	9 ( 4)	days
Hours with rainfall	:	0 ( 26)	hours
Hours with rainfall percentage/long-term average	:	-100 ( -13)	%
Rainfall cumulative	:	353.6 ( 222.7)	mm
Rainfall percentage cumulative/long-term average	:	52 ( -4)	%
Evaporation			
Evaporation daily average	:	( 2.3)	mm
Evaporation monthly total	:	( 69.9)	mm
Evaporation maximum/month date:	:	( 11.5)	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	:	6224	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	7787	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	1508	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	28.8 ( 29.4)	°C
Temperature monthly maximum average	:	32.2 ( 32.7)	°C
Temp. abs. max. date/time:	August 15 13:40	34.4 ( 35.5)	°C
Temperature monthly minimum average	:	26.3 ( 27.3)	°C
Temp. abs. min. date/time:	August 02 7:23	24.2 ( 24.9)	°C
Relative humidity monthly	:	80.9 ( 73.2)	%
Wind			
Wind speed monthly average	:	11.7 ( 11.3)	kt
Wind speed avg. max	:	24.3 ( 23.4)	kt
Wind speed abs. max. date/time:	August 23 13:03	36.0 ( 31.0)	kt
Wind vector monthly average	:	100 ( 101)	°
Wind energy potential total *	:	111 ( 104)	Whr/m <sup>2</sup>
Wind energy monthly average *	:	3582 ( 3456)	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	8441 ( 7162)	Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	106 ( 546)	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

