

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

August 2023

Station: Hato, Airport

Rain			
Rainfall total	:	21.2 ( 42.5)	mm
Rainfall percentage total/long-term average	:	-47 ( 7)	%
Rainfall 24 hour's maximum date:	August 20	:	15.2 ( 17.4) mm
Rainfall amount of days $\geq$ 1.0 mm	:	2 ( 7)	days
Hours with rainfall	:	12 ( 20)	hours
Hours with rainfall percentage/long-term average	:	-60 ( -33)	%
Rainfall cumulative	:	152.7 ( 263.5)	mm
Rainfall percentage cumulative/long-term average	:	-35 ( 13)	%
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	:	6545	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	7779	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	2073	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	29.9 ( 28.8)	°C
Temperature monthly maximum average	:	33.7 ( 32.4)	°C
Temp. abs. max. date/time:	August 28 12:01	:	37.0 ( 34.9) °C
Temperature monthly minimum average	:	27.5 ( 26.2)	°C
Temp. abs. min. date/time:	August 20 7:15	:	25.9 ( 23.2) °C
Relative humidity monthly	:	79.5 ( 74.9)	%
Wind			
Wind speed monthly average	:	9.6 ( 10.8)	kt
Wind speed avg. max	:	21.4 ( 22.0)	kt
Wind speed abs. max. date/time:	August 11 10:45	:	28.0 ( 26.0) kt
Wind vector monthly average	:	100 ( 96)	°
Wind energy potential total *	:	67 ( 84)	Whr/m <sup>2</sup>
Wind energy monthly average *	:	2154 ( 2704)	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	5686 ( 4233)	Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	110 ( 721)	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

