

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

December 2021

Station: Hato, Airport

Rain			
Rainfall total	:	91.8	mm
Rainfall percentage total/long-term average	:	-4	%
Rainfall 24 hour's maximum date:	December 02	:	18.9 mm
Rainfall amount of days $\geq$ 1.0 mm	:	17	days
Hours with rainfall	:	31	hours
Hours with rainfall percentage/long-term average	:	-60	%
Rainfall cumulative	:	623.2	mm
Rainfall percentage cumulative/long-term average	:	4	%
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	:	4383	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	5320	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	3206	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	27.0	°C
Temperature monthly maximum average	:	30.0	°C
Temp. abs. max. date/time:	December 22 14:03	:	31.5 °C
Temperature monthly minimum average	:	24.5	°C
Temp. abs. min. date/time:	December 18 5:47	:	23.1 °C
Relative humidity monthly	:	79.7	%
Wind			
Wind speed monthly average	:	10.7	kt
Wind speed avg. max	:	23.7	kt
Wind speed abs. max. date/time:	December 18 5:33	:	30.0 kt
Wind vector monthly average	:	95	°
Wind energy potential total *	:	82	Whr/m <sup>2</sup>
Wind energy monthly average *	:	2656	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	5425	Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	430	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

