

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

February 2021

Station: Hato, Airport

Rain			
Rainfall total	:	66.5	mm
Rainfall percentage total/long-term average	:	131	%
Rainfall 24 hour's maximum date:	February 14	:	18.4 mm
Rainfall amount of days $\geq$ 1.0 mm	:	6	days
Hours with rainfall	:	47	hours
Hours with rainfall percentage/long-term average	:	20	%
Rainfall cumulative	:	141.4	mm
Rainfall percentage cumulative/long-term average	:	89	%
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	:	4565	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	5997	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	2525	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	26.7	°C
Temperature monthly maximum average	:	29.6	°C
Temp. abs. max. date/time:	February 07 12:33	:	31.3 °C
Temperature monthly minimum average	:	24.6	°C
Temp. abs. min. date/time:	February 28 5:42	:	22.5 °C
Relative humidity monthly	:	72.3	%
Wind			
Wind speed monthly average	:	13.2	kt
Wind speed avg. max	:	25.6	kt
Wind speed abs. max. date/time:	February 01 16:08	:	30.0 kt
Wind vector monthly average	:	100	°
Wind energy potential total *	:	131	Whr/m <sup>2</sup>
Wind energy monthly average *	:	4672	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	6764	Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	2031	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

