

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

February 2023

Station: Hato, Airport

Rain			
Rainfall total	:	19.8 (38.9)	mm
Rainfall percentage total/long-term average	:	-31 (35)	%
Rainfall 24 hour's maximum date:	February 02	:	4.9 (13.8) mm
Rainfall amount of days \geq 1.0 mm	:	5 (5)	days
Hours with rainfall	:	24 (0)	hours
Hours with rainfall percentage/long-term average	:	-39 (-100)	%
Rainfall cumulative	:	83.1 (50.4)	mm
Rainfall percentage cumulative/long-term average	:	11 (-33)	%
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	:	4780	Whr/m ² /dav
Solar radiation absolute max./month date:	:	5771	Whr/m ² /dav
Solar radiation absolute min./month date:	:	3605	Whr/m ² /dav
Temperature			
Temperature monthly average	:	26.3 (26.6)	°C
Temperature monthly maximum average	:	29.5 (30.0)	°C
Temp. abs. max. date/time:	February 06 14:32	:	30.8 (31.2) °C
Temperature monthly minimum average	:	24.1 (24.5)	°C
Temp. abs. min. date/time:	February 01 4:39	:	21.7 (22.8) °C
Relative humidity monthly	:	73.7 (75.8)	%
Wind			
Wind speed monthly average	:	12.1 (11.4)	kt
Wind speed avg. max	:	24.2 (22.5)	kt
Wind speed abs. max. date/time:	February 10 17:35	:	31.0 (29.0) kt
Wind vector monthly average	:	92 (88)	°
Wind energy potential total *	:	101 (84)	Whr/m ²
Wind energy monthly average *	:	3619 (3015)	Whr/m ² /dav
Wind energy potential maximum * date:	:	6054 (6264)	Whr/m ² /dav
Wind energy potential minimum * date:	:	1571 (1385)	Whr/m ² /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

