

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

March 2023

Station: Hato, Airport

Rain			
Rainfall total	:	2.9 (33.5)	mm
Rainfall percentage total/long-term average	:	-79 (138)	%
Rainfall 24 hour's maximum date:	March 22	:	1.3 (6.7) mm
Rainfall amount of days \geq 1.0 mm	:	2 (9)	days
Hours with rainfall	:	8 (45)	hours
Hours with rainfall percentage/long-term average	:	-64 (103)	%
Rainfall cumulative	:	86.0 (83.9)	mm
Rainfall percentage cumulative/long-term average	:	-3 (-6)	%
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	:	5499	Whr/m ² /dav
Solar radiation absolute max./month date:	:	7402	Whr/m ² /dav
Solar radiation absolute min./month date:	:	545	Whr/m ² /dav
Temperature			
Temperature monthly average	:	26.9 (27.0)	°C
Temperature monthly maximum average	:	30.2 (30.5)	°C
Temp. abs. max. date/time:	March 15 12:55	:	31.9 (31.8) °C
Temperature monthly minimum average	:	24.9 (24.6)	°C
Temp. abs. min. date/time:	March 11 6:39	:	23.4 (22.4) °C
Relative humidity monthly	:	71.6 (75.6)	%
Wind			
Wind speed monthly average	:	12.1 (12.4)	kt
Wind speed avg. max	:	22.4 (24.1)	kt
Wind speed abs. max. date/time:	March 15 11:30	:	29.0 (29.0) kt
Wind vector monthly average	:	93 (91)	°
Wind energy potential total *	:	112 (121)	Whr/m ²
Wind energy monthly average *	:	3608 (3914)	Whr/m ² /dav
Wind energy potential maximum * date:	:	6660 (6466)	Whr/m ² /dav
Wind energy potential minimum * date:	:	824 (2323)	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

