

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

January 2023

Station: Hato, Airport

Rain			
Rainfall total	:	63.3 (11.5)	mm
Rainfall percentage total/long-term average	:	38 (-75)	%
Rainfall 24 hour's maximum date:	January 02	:	12.4 (4.4) mm
Rainfall amount of days \geq 1.0 mm	:	14 (4)	days
Hours with rainfall	:	55 (0)	hours
Hours with rainfall percentage/long-term average	:	-10 (-100)	%
Rainfall cumulative	:	63.3 (11.5)	mm
Rainfall percentage cumulative/long-term average	:	38 (-75)	%
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	:	4416	Whr/m ² /dav
Solar radiation absolute max./month date:	:	5877	Whr/m ² /dav
Solar radiation absolute min./month date:	:	3226	Whr/m ² /dav
Temperature			
Temperature monthly average	:	26.1 (26.6)	°C
Temperature monthly maximum average	:	29.0 (30.0)	°C
Temp. abs. max. date/time:	January 17 14:50	:	30.2 (31.4) °C
Temperature monthly minimum average	:	23.9 (24.2)	°C
Temp. abs. min. date/time:	January 28 16:17	:	22.5 (22.1) °C
Relative humidity monthly	:	78.0 (74.5)	%
Wind			
Wind speed monthly average	:	10.5 (10.9)	kt
Wind speed avg. max	:	22.1 (21.4)	kt
Wind speed abs. max. date/time:	January 22 17:06	:	28.0 (29.0) kt
Wind vector monthly average	:	96 (92)	°
Wind energy potential total *	:	71 (88)	Whr/m ²
Wind energy monthly average *	:	2360 (2833)	Whr/m ² /dav
Wind energy potential maximum * date:	:	4801 (6256)	Whr/m ² /dav
Wind energy potential minimum * date:	:	276 (258)	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

