

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

April 2023

Station: Hato, Airport

Rain			
Rainfall total	:	4.2 (47.1)	mm
Rainfall percentage total/long-term average	:	-78 (143)	%
Rainfall 24 hour's maximum date:	April 02	:	3.6 (22.5) mm
Rainfall amount of days \geq 1.0 mm	:	1 (4)	days
Hours with rainfall	:	5 (15)	hours
Hours with rainfall percentage/long-term average	:	-76 (-29)	%
Rainfall cumulative	:	90.2 (131.0)	mm
Rainfall percentage cumulative/long-term average	:	-17 (21)	%
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	:	6007	Whr/m ² /dav
Solar radiation absolute max./month date:	:	7433	Whr/m ² /dav
Solar radiation absolute min./month date:	:	3880	Whr/m ² /dav
Temperature			
Temperature monthly average	:	27.3 (27.3)	°C
Temperature monthly maximum average	:	30.7 (30.5)	°C
Temp. abs. max. date/time:	April 09 12:22	:	31.8 (32.1) °C
Temperature monthly minimum average	:	25.3 (25.3)	°C
Temp. abs. min. date/time:	April 24 6:01	:	24.0 (22.3) °C
Relative humidity monthly	:	76.0 (76.0)	%
Wind			
Wind speed monthly average	:	10.9 (12.7)	kt
Wind speed avg. max	:	21.1 (23.8)	kt
Wind speed abs. max. date/time:	April 09 11:00	:	27.0 (30.0) kt
Wind vector monthly average	:	94 (94)	°
Wind energy potential total *	:	87 (128)	Whr/m ²
Wind energy monthly average *	:	2990 (4259)	Whr/m ² /dav
Wind energy potential maximum * date:	:	5201 (7486)	Whr/m ² /dav
Wind energy potential minimum * date:	:	83 (1028)	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

