

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

April 2024

Station: Hato, Airport

Rain			
Rainfall total	:	3.7 (4.2)	mm
Rainfall percentage total/long-term average	:	-81 (-78)	%
Rainfall 24 hour's maximum date:	April 29	:	3.7 (3.6)
Rainfall amount of days >= 1.0 mm	:	1 (1)	days
Hours with rainfall	:	4 (5)	hours
Hours with rainfall percentage/long-term average	:	-81 (-76)	%
Rainfall cumulative	:	54.0 (90.2)	mm
Rainfall percentage cumulative/long-term average	:	-50 (-17)	%
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	:	6424	Whr/m ² /day
Solar radiation absolute max./month date:	:	7620	Whr/m ² /day
Solar radiation absolute min./month date:	:	3868	Whr/m ² /day
Temperature			
Temperature monthly average	:	29.0 (27.3)	°C
Temperature monthly maximum average	:	32.8 (30.7)	°C
Temp. abs. max. date/time:	April 27 14:58	:	34.1 (31.8)
Temperature monthly minimum average	:	27.1 (25.3)	°C
Temp. abs. min. date/time:	April 29 3:39	:	25.8 (24.0)
Relative humidity monthly	:	77.2 (76.0)	%
Wind			
Wind speed monthly average	:	11.2 (10.9)	kt
Wind speed avg. max	:	21.7 (21.1)	kt
Wind speed abs. max. date/time:	April 07 11:02	:	29.0 (27.0)
Wind vector monthly average	:	93 (94)	°
Wind energy potential total *	:	85 (87)	Whr/m ²
Wind energy monthly average *	:	2821 (2990)	Whr/m ² /day
Wind energy potential maximum * date:	:	4367 (5201)	Whr/m ² /day
Wind energy potential minimum * date:	:	1418 (83)	Whr/m ² /day
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

