

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

April 2022

Station: Hato, Airport

Rain			
Rainfall total	:	47.1 (5.2)	mm
Rainfall percentage total/long-term average	:	143 (-73)	%
Rainfall 24 hour's maximum date:	April 17	:	22.5 (5.2) mm
Rainfall amount of days \geq 1.0 mm	:	4 (1)	days
Hours with rainfall	:	15 (0)	hours
Hours with rainfall percentage/long-term average	:	-29 (-100)	%
Rainfall cumulative	:	131.0 (221.3)	mm
Rainfall percentage cumulative/long-term average	:	21 (104)	%
Evaporation			
Evaporation daily average	:	()	mm
Evaporation monthly total	:	()	mm
Evaporation maximum/month date:	:	()	mm
Sunshine			
Sunshine duration monthly average	:	7 4	hours:min
Sunshine percentage total/normal	:	()	%
Sunshine absolute max./month date:	April 12	:	10 54 hours:min
Sunshine absolute min./month date:	April 13	:	0 0 hours:min
Solar radiation monthly average	:	5468	Whr/m ² /dav
Solar radiation absolute max./month date:	:	7025	Whr/m ² /dav
Solar radiation absolute min./month date:	:	1450	Whr/m ² /dav
Temperature			
Temperature monthly average	:	27.3 (27.2)	°C
Temperature monthly maximum average	:	30.5 (30.4)	°C
Temp. abs. max. date/time:	April 21 12:46	:	32.1 (32.0) °C
Temperature monthly minimum average	:	25.3 (25.3)	°C
Temp. abs. min. date/time:	April 17 6:23	:	22.3 (22.6) °C
Relative humidity monthly	:	76.0 (74.5)	%
Wind			
Wind speed monthly average	:	12.7 (12.3)	kt
Wind speed avg. max	:	23.8 (23.0)	kt
Wind speed abs. max. date/time:	April 17 12:07	:	30.0 (31.0) kt
Wind vector monthly average	:	94 (99)	°
Wind energy potential total *	:	128 (117)	Whr/m ²
Wind energy monthly average *	:	4259 (3914)	Whr/m ² /dav
Wind energy potential maximum * date:	:	7486 (7066)	Whr/m ² /dav
Wind energy potential minimum * date:	:	1028 (866)	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

