

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

July 2023

Station: Hato, Airport

Rain			
Rainfall total	:	38.2 (46.6)	mm
Rainfall percentage total/long-term average	:	-8 (13)	%
Rainfall 24 hour's maximum date:	July 16	:	21.7 (19.4) mm
Rainfall amount of days \geq 1.0 mm	:	4 (6)	days
Hours with rainfall	:	20 (27)	hours
Hours with rainfall percentage/long-term average	:	-43 (-23)	%
Rainfall cumulative	:	131.5 (221.0)	mm
Rainfall percentage cumulative/long-term average	:	-32 (14)	%
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	:	6200	Whr/m ² /dav
Solar radiation absolute max./month date:	:	7749	Whr/m ² /dav
Solar radiation absolute min./month date:	:	3094	Whr/m ² /dav
Temperature			
Temperature monthly average	:	29.2 (28.0)	°C
Temperature monthly maximum average	:	32.4 (31.4)	°C
Temp. abs. max. date/time:	July 20 14:09	:	33.7 (32.7) °C
Temperature monthly minimum average	:	27.3 (25.8)	°C
Temp. abs. min. date/time:	July 15 9:50	:	25.5 (23.8) °C
Relative humidity monthly	:	79.0 (76.6)	%
Wind			
Wind speed monthly average	:	12.2 (11.5)	kt
Wind speed avg. max	:	23.9 (24.3)	kt
Wind speed abs. max. date/time:	July 05 11:57	:	31.0 (34.0) kt
Wind vector monthly average	:	98 (97)	°
Wind energy potential total *	:	112 (102)	Whr/m ²
Wind energy monthly average *	:	3732 (3280)	Whr/m ² /dav
Wind energy potential maximum * date:	:	7336 (8994)	Whr/m ² /dav
Wind energy potential minimum * date:	:	681 (944)	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

