

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

May 2024

Station: Hato, Airport

Rain			
Rainfall total	:	68.2 (0.0)	mm
Rainfall percentage total/long-term average	:	220 (-100)	%
Rainfall 24 hour's maximum date:	May 04	:	29.1 (0.0) mm
Rainfall amount of days >= 1.0 mm	:	6 (0)	days
Hours with rainfall	:	23 (0)	hours
Hours with rainfall percentage/long-term average	:	-2 (-100)	%
Rainfall cumulative	:	122.2 (90.2)	mm
Rainfall percentage cumulative/long-term average	:	-6 (-30)	%
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	:	5787	Whr/m ² /day
Solar radiation absolute max./month date:	:	7132	Whr/m ² /day
Solar radiation absolute min./month date:	:	2558	Whr/m ² /day
Temperature			
Temperature monthly average	:	29.3 (28.2)	°C
Temperature monthly maximum average	:	32.4 (31.5)	°C
Temp. abs. max. date/time:	May 01 12:10	:	33.7 (33.4) °C
Temperature monthly minimum average	:	27.5 (26.4)	°C
Temp. abs. min. date/time:	May 03 9:40	:	25.4 (25.8) °C
Relative humidity monthly	:	80.9 (79.4)	%
Wind			
Wind speed monthly average	:	11.9 (12.2)	kt
Wind speed avg. max	:	23.3 (24.1)	kt
Wind speed abs. max. date/time:	May 13 10:43	:	30.0 (33.0) kt
Wind vector monthly average	:	100 (101)	°
Wind energy potential total *	:	107 (118)	Whr/m ²
Wind energy monthly average *	:	3444 (3813)	Whr/m ² /day
Wind energy potential maximum * date:	:	6389 (6794)	Whr/m ² /day
Wind energy potential minimum * date:	:	535 (640)	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

