

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

October 2022

Station: Hato, Airport

Rain			
Rainfall total	:	69.3 (70.1)	mm
Rainfall percentage total/long-term average	:	-32 (-31)	%
Rainfall 24 hour's maximum date:	October 26	:	17.6 (21.3) mm
Rainfall amount of days \geq 1.0 mm	:	11 (10)	days
Hours with rainfall	:	67 (8)	hours
Hours with rainfall percentage/long-term average	:	46 (-83)	%
Rainfall cumulative	:	441.1 (454.2)	mm
Rainfall percentage cumulative/long-term average	:	15 (18)	%
Evaporation			
Evaporation daily average	:	(6.7)	mm
Evaporation monthly total	:	(207.5)	mm
Evaporation maximum/month date:	:	(9.9)	mm
Sunshine			
Sunshine duration monthly average	:		hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date:	:		hours:min
Sunshine absolute min./month date:	October 23	:	hours:min
Solar radiation monthly average	:	1292	Whr/m ² /dav
Solar radiation absolute max./month date:	:	5081	Whr/m ² /dav
Solar radiation absolute min./month date:	:	1	Whr/m ² /dav
Temperature			
Temperature monthly average	:	28.2 (28.8)	°C
Temperature monthly maximum average	:	31.1 (32.2)	°C
Temp. abs. max. date/time:	October 04 12:53	:	32.5 (34.0) °C
Temperature monthly minimum average	:	25.6 (26.3)	°C
Temp. abs. min. date/time:	October 26 3:35	:	23.1 (22.8) °C
Relative humidity monthly	:	77.6 (79.7)	%
Wind			
Wind speed monthly average	:	9.2 (10.9)	kt
Wind speed avg. max	:	21.6 (23.3)	kt
Wind speed abs. max. date/time:	October 07 0:29	:	32.0 (44.0) kt
Wind vector monthly average	:	99 (98)	°
Wind energy potential total *	:	56 (93)	Whr/m ²
Wind energy monthly average *	:	1799 (3008)	Whr/m ² /dav
Wind energy potential maximum * date:	:	5746 (7842)	Whr/m ² /dav
Wind energy potential minimum * date:	:	91 (720)	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

