

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

August 2022

Station: Hato, Airport

Rain			
Rainfall total	:	42.5 (75.5)	mm
Rainfall percentage total/long-term average	:	7 (90)	%
Rainfall 24 hour's maximum date:	August 22	:	17.4 (42.6) mm
Rainfall amount of days >= 1.0 mm	:	7 (9)	days
Hours with rainfall	:	20 (0)	hours
Hours with rainfall percentage/long-term average	:	-33 (-100)	%
Rainfall cumulative	:	263.5 (353.6)	mm
Rainfall percentage cumulative/long-term average	:	13 (52)	%
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	:	3635	Whr/m ² /day
Solar radiation absolute max./month date:	:	6412	Whr/m ² /day
Solar radiation absolute min./month date:	:	32	Whr/m ² /day
Temperature			
Temperature monthly average	:	28.8 (28.8)	°C
Temperature monthly maximum average	:	32.4 (32.2)	°C
Temp. abs. max. date/time:	August 21 11:49	:	34.9 (34.4) °C
Temperature monthly minimum average	:	26.2 (26.3)	°C
Temp. abs. min. date/time:	August 22 5:55	:	23.2 (24.2) °C
Relative humidity monthly	:	74.9 (80.9)	%
Wind			
Wind speed monthly average	:	10.8 (11.7)	kt
Wind speed avg. max	:	22.0 (24.3)	kt
Wind speed abs. max. date/time:	August 16 10:27	:	26.0 (36.0) kt
Wind vector monthly average	:	96 (100)	°
Wind energy potential total *	:	84 (111)	Whr/m ²
Wind energy monthly average *	:	2704 (3582)	Whr/m ² /day
Wind energy potential maximum * date:	:	4233 (8441)	Whr/m ² /day
Wind energy potential minimum * date:	:	721 (106)	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

