

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

September 2022

Station: Hato, Airport

Rain			
Rainfall total	:	108.3 (30.5)	mm
Rainfall percentage total/long-term average	:	121 (-38)	%
Rainfall 24 hour's maximum date:	September 20	:	60.6 (10.6) mm
Rainfall amount of days \geq 1.0 mm	:	7 (6)	days
Hours with rainfall	:	42 (5)	hours
Hours with rainfall percentage/long-term average	:	43 (-83)	%
Rainfall cumulative	:	371.8 (384.1)	mm
Rainfall percentage cumulative/long-term average	:	32 (36)	%
Evaporation			
Evaporation daily average	:	(7.7)	mm
Evaporation monthly total	:	(230.5)	mm
Evaporation maximum/month date:	:	(13.4)	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	:	4003	Whr/m ² /dav
Solar radiation absolute max./month date:	:	5793	Whr/m ² /dav
Solar radiation absolute min./month date:	:	1248	Whr/m ² /dav
Temperature			
Temperature monthly average	:	29.2 (29.1)	°C
Temperature monthly maximum average	:	33.4 (32.6)	°C
Temp. abs. max. date/time:	September 06 13:29	:	37.2 (34.7) °C
Temperature monthly minimum average	:	26.1 (26.7)	°C
Temp. abs. min. date/time:	September 19 19:32	:	21.5 (24.6) °C
Relative humidity monthly	:	72.4 (80.2)	%
Wind			
Wind speed monthly average	:	8.7 (10.5)	kt
Wind speed avg. max	:	21.6 (20.9)	kt
Wind speed abs. max. date/time:	September 19 19:15	:	45.0 (29.0) kt
Wind vector monthly average	:	100 (97)	°
Wind energy potential total *	:	48 (75)	Whr/m ²
Wind energy monthly average *	:	1761 (2489)	Whr/m ² /dav
Wind energy potential maximum * date:	:	3872 (5386)	Whr/m ² /dav
Wind energy potential minimum * date:	:	42 (254)	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

