

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

September 2021

Station: Hato, Airport

Rain			
Rainfall total	:	30.5 (20.7)	mm
Rainfall percentage total/long-term average	:	-38 (-58)	%
Rainfall 24 hour's maximum date:	September 06	:	10.6 (6.3) mm
Rainfall amount of days \geq 1.0 mm	:	6 (5)	days
Hours with rainfall	:	5 (12)	hours
Hours with rainfall percentage/long-term average	:	-83 (-59)	%
Rainfall cumulative	:	384.1 (243.4)	mm
Rainfall percentage cumulative/long-term average	:	36 (-14)	%
Evaporation			
Evaporation daily average	:	7.7 ()	mm
Evaporation monthly total	:	230.5 ()	mm
Evaporation maximum/month date:	September 20	:	13.4 () mm
Sunshine			
Sunshine duration monthly average	:	9 51	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	September 03	:	17 30 hours:min
Sunshine absolute min./month date:	September 05	:	2 0 hours:min
Solar radiation monthly average	:	6062	Whr/m ² /dav
Solar radiation absolute max./month date:		:	7239 Whr/m ² /dav
Solar radiation absolute min./month date:		:	2417 Whr/m ² /dav
Temperature			
Temperature monthly average	:	29.1 (29.8)	°C
Temperature monthly maximum average	:	32.6 (33.2)	°C
Temp. abs. max. date/time:	September 28 12:26	:	34.7 (35.8) °C
Temperature monthly minimum average	:	26.7 (27.2)	°C
Temp. abs. min. date/time:	September 04 6:11	:	24.6 (24.8) °C
Relative humidity monthly	:	80.2 (71.9)	%
Wind			
Wind speed monthly average	:	10.5 (9.9)	kt
Wind speed avg. max	:	20.9 (21.1)	kt
Wind speed abs. max. date/time:	September 04 14:57	:	29.0 (32.0) kt
Wind vector monthly average	:	97 (101)	°
Wind energy potential total *	:	75 (67)	Whr/m ²
Wind energy monthly average *	:	2489 (2248)	Whr/m ² /dav
Wind energy potential maximum * date:		:	5386 (5935) Whr/m ² /dav
Wind energy potential minimum * date:		:	254 (47) 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

