

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

January 2020

Station: Hato, Airport

Rain			
Rainfall total	:	51.7	mm
Rainfall percentage total/long-term average	:	12	%
Rainfall 24 hour's maximum date:	January 10	:	9.6 mm
Rainfall amount of days \geq 1.0 mm	:	9	days
Hours with rainfall	:	55	hours
Hours with rainfall percentage/long-term average	:	-10	%
Rainfall cumulative	:	51.7	mm
Rainfall percentage cumulative/long-term average	:	12	%
Evaporation			
Evaporation daily average	:	5.2	mm
Evaporation monthly total	:	161.1	mm
Evaporation maximum/month date:	January 12	:	8.2 mm
Sunshine			
Sunshine duration monthly average	:	8 50	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	January 25	:	11 6 hours:min
Sunshine absolute min./month date:	January 06	:	3 42 hours:min
Solar radiation monthly average	:	4766	Whr/m ² /dav
Solar radiation absolute max./month date:	:	6144	Whr/m ² /dav
Solar radiation absolute min./month date:	:	3299	Whr/m ² /dav
Temperature			
Temperature monthly average	:	26.9	°C
Temperature monthly maximum average	:	30.2	°C
Temp. abs. max. date/time:	January 31 14:31	:	31.7 °C
Temperature monthly minimum average	:	24.6	°C
Temp. abs. min. date/time:	January 14 4:42	:	23.1 °C
Relative humidity monthly	:	74.3	%
Wind			
Wind speed monthly average	:	10.9	kt
Wind speed avg. max	:	23.2	kt
Wind speed abs. max. date/time:	January 10 12:57	:	41.0 kt
Wind vector monthly average	:	103	°
Wind energy potential total *	:	104	Whr/m ²
Wind energy monthly average *	:	3477	Whr/m ² /dav
Wind energy potential maximum * date:	:	11031	Whr/m ² /dav
Wind energy potential minimum * date:	:	43	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

