

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Year 2016

Station: Hato, Airport

Rain

Rainfall total	:	542.7	mm
Rainfall percentage total/long-term average	:	-11	%
Rainfall 24 hour's maximum date:	November 08	:	82.9 mm
Rainfall amount of days \geq 1.0 mm	:	56	days
Hours with rainfall	:	260	hours
Hours with rainfall percentage/long-term average	:	-46	%

Evaporation

Evaporation year average	:	7.7	mm
Evaporation total	:	2795.0	mm
Evaporation maximum/month date:	August 29	:	17.3 mm

Sunshine

Sunshine duration average	:	8	50	hours:min	
Sunshine percentage total/normal	:				%
Sunshine absolute max./month date	January 16	:	10	42	hours:min
Sunshine absolute min./month date:	January 03	:	2	24	hours:min
Solar radiation monthly average	:				Whr/m ² /day
Solar radiation absolute max./month date:	:				Whr/m ² /day
Solar radiation absolute min./month date:	:				Whr/m ² /day

Temperature

Temperature average	:	28.4	°C
Temperature maximum average	:	31.9	°C
Temperature absolute max. date/time:	August 26 13:22	:	37.0 °C
Temperature minimum average	:	26.3	°C
Temperature absolute min. date/time:	January 20 4:26	:	22.7 °C
Relative humidity average	:	77.6	%

Wind

Wind speed average	:	11.9	kt
Wind speed avg. max	:	23.9	kt
Wind speed abs. max. date/time:	December 09 10:36	:	39.0 kt
Wind vector average	:	96	°
Wind energy potential total *	:	1397130	Whr/m ²
Wind energy average *	:	45069	Whr/m ² /day
Wind energy potential maximum * date:	:	57128	Whr/m ² /day
Wind energy potential minimum * date:	:	23674	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

