

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

March 2020

Station: Hato, Airport

Rain			
Rainfall total	:	27.7	mm
Rainfall percentage total/long-term average	:	97	%
Rainfall 24 hour's maximum date:	March 20	:	11.3 mm
Rainfall amount of days ≥ 1.0 mm	:	7	days
Hours with rainfall	:	23	hours
Hours with rainfall percentage/long-term average	:	4	%
Rainfall cumulative	:	88.4	mm
Rainfall percentage cumulative/long-term average	:	-1	%
Evaporation			
Evaporation daily average	:	8.2	mm
Evaporation monthly total	:	254.5	mm
Evaporation maximum/month date:	March 16	:	12.5 mm
Sunshine			
Sunshine duration monthly average	:	9 43	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	March 17	:	11 6 hours:min
Sunshine absolute min./month date:	March 16	:	3 24 hours:min
Solar radiation monthly average	:	6390	Whr/m ² /dav
Solar radiation absolute max./month date:	:	7773	Whr/m ² /dav
Solar radiation absolute min./month date:	:	4346	Whr/m ² /dav
Temperature			
Temperature monthly average	:	27.6	°C
Temperature monthly maximum average	:	30.9	°C
Temp. abs. max. date/time:	March 12 12:30	:	32.1 °C
Temperature monthly minimum average	:	25.3	°C
Temp. abs. min. date/time:	March 18 6:47	:	23.9 °C
Relative humidity monthly	:	67.1	%
Wind			
Wind speed monthly average	:	12.2	kt
Wind speed avg. max	:	22.2	kt
Wind speed abs. max. date/time:	March 06 10:48	:	30.0 kt
Wind vector monthly average	:	98	°
Wind energy potential total *	:	117	Whr/m ²
Wind energy monthly average *	:	3774	Whr/m ² /dav
Wind energy potential maximum * date:	:	8536	Whr/m ² /dav
Wind energy potential minimum * date:	:	893	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

