

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

May 2017

Station: Hato, Airport

Rain			
Rainfall total	:	29.3	mm
Rainfall percentage total/long-term average	:	38	%
Rainfall 24 hour's maximum date:	May 15	:	3.5 mm
Rainfall amount of days \geq 1.0 mm	:	2	days
Hours with rainfall	:	10	hours
Hours with rainfall percentage/long-term average	:	-57	%
Rainfall cumulative	:	173.5	mm
Rainfall percentage cumulative/long-term average	:	30	%
Evaporation			
Evaporation daily average	:	7.6	mm
Evaporation monthly total	:	236.4	mm
Evaporation maximum/month date:	May 09	:	15.7 mm
Sunshine			
Sunshine duration monthly average	:	8 49	hours:min
Sunshine percentage total/normal	:	2	%
Sunshine absolute max./month date	May 28	:	11 18 hours:min
Sunshine absolute min./month date:	May 08	:	4 24 hours:min
Solar radiation monthly average	:	2566	Whr/m ² /dav
Solar radiation absolute max./month date:	:	6535	Whr/m ² /dav
Solar radiation absolute min./month date:	:	1798	Whr/m ² /dav
Temperature			
Temperature monthly average	:	28.5	°C
Temperature monthly maximum average	:	32.1	°C
Temp. abs. max. date/time:	May 09 13:15	:	34.5 °C
Temperature monthly minimum average	:	26.4	°C
Temp. abs. min. date/time:	May 01 7:28	:	25.1 °C
Relative humidity monthly	:	75.1	%
Wind			
Wind speed monthly average	:	11.7	kt
Wind speed avg. max	:	26.0	kt
Wind speed abs. max. date/time:	May 24 13:11	:	32.0 kt
Wind vector monthly average	:	97	°
Wind energy potential total *	:	105586	Whr/m ²
Wind energy monthly average *	:	3406	Whr/m ² /dav
Wind energy potential maximum * date:	:	6309	Whr/m ² /dav
Wind energy potential minimum * date:	:	856	Whr/m ² /dav
Remarks			
The absolute maximum temperature was extreme high and the relative humidity extreme low.			

* 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

