

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

July 2020

Station: Hato, Airport

Rain			
Rainfall total	:	67.4	mm
Rainfall percentage total/long-term average	:	63	%
Rainfall 24 hour's maximum date:	:	44.9	mm
Rainfall amount of days \geq 1.0 mm	:	6	days
Hours with rainfall	:	32	hours
Hours with rainfall percentage/long-term average	:	-9	%
Rainfall cumulative	:	187.8	mm
Rainfall percentage cumulative/long-term average	:	-3	%
Evaporation			
Evaporation daily average	:	10.2	mm
Evaporation monthly total	:	316.4	mm
Evaporation maximum/month date:	July 29	:	56.8 mm
Sunshine			
Sunshine duration monthly average	:	9 3	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	July 20	:	11 30 hours:min
Sunshine absolute min./month date:	July 06	:	0 0 hours:min
Solar radiation monthly average	:	6209	Whr/m ² /dav
Solar radiation absolute max./month date:	:	7818	Whr/m ² /dav
Solar radiation absolute min./month date:	:	3604	Whr/m ² /dav
Temperature			
Temperature monthly average	:	28.9	°C
Temperature monthly maximum average	:	32.0	°C
Temp. abs. max. date/time:	July 30 13:25	:	35.3 °C
Temperature monthly minimum average	:	26.8	°C
Temp. abs. min. date/time:	July 25 16:36	:	23.8 °C
Relative humidity monthly	:	73.2	%
Wind			
Wind speed monthly average	:	12.0	kt
Wind speed avg. max	:	23.6	kt
Wind speed abs. max. date/time:	July 25 14:56	:	38.0 kt
Wind vector monthly average	:	104	°
Wind energy potential total *	:	113	Whr/m ²
Wind energy monthly average *	:	3659	Whr/m ² /dav
Wind energy potential maximum * date:	:	7045	Whr/m ² /dav
Wind energy potential minimum * date:	:	758	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

