

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

August 2020

Station: Hato, Airport

Rain			
Rainfall total	:	34.9	mm
Rainfall percentage total/long-term average	:	-12	%
Rainfall 24 hour's maximum date:	August 19	:	25.9 mm
Rainfall amount of days \geq 1.0 mm	:	4	days
Hours with rainfall	:	26	hours
Hours with rainfall percentage/long-term average	:	-13	%
Rainfall cumulative	:	222.7	mm
Rainfall percentage cumulative/long-term average	:	-4	%
Evaporation			
Evaporation daily average	:	2.3	mm
Evaporation monthly total	:	69.9	mm
Evaporation maximum/month date:	August 04	:	11.5 mm
Sunshine			
Sunshine duration monthly average	:	8 43	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	August 03	:	11 24 hours:min
Sunshine absolute min./month date:	August 08	:	0 0 hours:min
Solar radiation monthly average	:	6435	Whr/m ² /dav
Solar radiation absolute max./month date:		:	7871 Whr/m ² /dav
Solar radiation absolute min./month date:		:	3299 Whr/m ² /dav
Temperature			
Temperature monthly average	:	29.4	°C
Temperature monthly maximum average	:	32.7	°C
Temp. abs. max. date/time:	August 03 13:30	:	35.5 °C
Temperature monthly minimum average	:	27.3	°C
Temp. abs. min. date/time:	August 18 5:50	:	24.9 °C
Relative humidity monthly	:	73.2	%
Wind			
Wind speed monthly average	:	11.3	kt
Wind speed avg. max	:	23.4	kt
Wind speed abs. max. date/time:	August 03 12:03	:	31.0 kt
Wind vector monthly average	:	101	°
Wind energy potential total *	:	104	Whr/m ²
Wind energy monthly average *	:	3456	Whr/m ² /dav
Wind energy potential maximum * date:		:	7162 Whr/m ² /dav
Wind energy potential minimum * date:		:	546 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

