

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

October 2024

Station: *Hato, Airport*

Rain			
Rainfall total	:	35.3	(230.5) mm
Rainfall percentage total/long-term average	:	-65	(126) %
Rainfall 24 hour's maximum date:	<i>October 09</i>	:	16.8 (93.4) mm
Rainfall amount of days >= 1.0 mm	:	6	(13) days
Hours with rainfall	:	21	(54) hours
Hours with rainfall percentage/long-term average	:	-54	(17) %
Rainfall cumulative	:	283.3	(383.4) mm
Rainfall percentage cumulative/long-term average	:	-26	(0) %
Evaporation			
Evaporation daily average	:	()	mm
Evaporation monthly total	:	()	mm
Evaporation maximum/month date:	:	()	mm
Sunshine			
Sunshine duration monthly average	:	()	hours:min
Sunshine percentage total/normal	:	()	%
Sunshine absolute max./month date:	:	()	hours:min
Sunshine absolute min./month date:	:	()	hours:min
Solar radiation monthly average	:	5428	Whr/m ² /day
Solar radiation absolute max./month date:	:	7009	Whr/m ² /day
Solar radiation absolute min./month date:	:	2063	Whr/m ² /day
Temperature			
Temperature monthly average	:	30.1	(29.6) °C
Temperature monthly maximum average	:	33.5	(33.1) °C
Temp. abs. max. date/time:	<i>October 24 14:02</i>	:	35.4 (34.7) °C
Temperature monthly minimum average	:	27.5	(26.9) °C
Temp. abs. min. date/time:	<i>October 15 8:59</i>	:	25.1 (23.8) °C
Relative humidity monthly	:	78.4	(80.5) %
Wind			
Wind speed monthly average	:	9.1	(7.5) kt
Wind speed avg. max	:	19.4	(19.5) kt
Wind speed abs. max. date/time:	<i>October 15 8:38</i>	:	29.0 (38.0) kt
Wind vector monthly average	:	98	(98) °
Wind energy potential total *	:	59	(36) Whr/m ²
Wind energy monthly average *	:	2096	(1333) Whr/m ² /day
Wind energy potential maximum * date:	:	5512	(3277) Whr/m ² /day
Wind energy potential minimum * date:	:	85	(78) 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

() Same month previous year data

