

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

September 2024

Station: *Hato, Airport*

Rain			
Rainfall total	:	70.4	(0.2) mm
Rainfall percentage total/long-term average	:	43	(-100) %
Rainfall 24 hour's maximum date:	<i>September 02</i>	22.4	(0.2) mm
Rainfall amount of days >= 1.0 mm	:	7	(0) days
Hours with rainfall	:	16	(1) hours
Hours with rainfall percentage/long-term average	:	-45	(-97) %
Rainfall cumulative	:	248.0	(152.9) mm
Rainfall percentage cumulative/long-term average	:	-12	(-46) %
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	:	6061	Whr/m ² /day
Solar radiation absolute max./month date:	:	7386	Whr/m ² /day
Solar radiation absolute min./month date:	:	3201	Whr/m ² /day
Temperature			
Temperature monthly average	:	30.2	(30.4) °C
Temperature monthly maximum average	:	33.5	(34.1) °C
Temp. abs. max. date/time:	<i>September 11 12:10</i>	35.4	(36.8) °C
Temperature monthly minimum average	:	28.0	(28.3) °C
Temp. abs. min. date/time:	<i>September 01 13:16</i>	24.8	(27.1) °C
Relative humidity monthly	:	81.8	(76.4) %
Wind			
Wind speed monthly average	:	9.7	(10.7) kt
Wind speed avg. max	:	21.1	(21.1) kt
Wind speed abs. max. date/time:	<i>September 04 12:02</i>	27.0	(27.0) kt
Wind vector monthly average	:	99	(97) °
Wind energy potential total *	:	62	(77) Whr/m ²
Wind energy monthly average *	:	2074	(2576) Whr/m ² /day
Wind energy potential maximum * date:	:	4726	(4428) Whr/m ² /day
Wind energy potential minimum * date:	:	108	(481) 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

