

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

January 2025

Station: *Hato, Airport*

Rain				
Rainfall total	:	64.8	(29.6)	mm
Rainfall percentage total/long-term average	:	41	(-36)	%
Rainfall 24 hour's maximum date:	<i>January 05</i>	:	23.0	(9.8) mm
Rainfall amount of days ≥ 1.0 mm	:	10	(7)	days
Hours with rainfall	:	56	(32)	hours
Hours with rainfall percentage/long-term average	:	-8	(-48)	%
Rainfall cumulative	:	64.8	(29.6)	mm
Rainfall percentage cumulative/long-term average	:	41	(-36)	%
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	:	4540		Whr/m ² /dav
Solar radiation absolute max./month date:	:	6132		Whr/m ² /dav
Solar radiation absolute min./month date:	:	1		Whr/m ² /dav
Temperature				
Temperature monthly average	:	27.5	(27.8)	°C
Temperature monthly maximum average	:	30.8	(30.6)	°C
Temp. abs. max. date/time:	<i>January 09 14:24</i>	:	32.3	(32.2) °C
Temperature monthly minimum average	:	25.1	(25.8)	°C
Temp. abs. min. date/time:	<i>January 14 6:48</i>	:	22.7	(24.2) °C
Relative humidity monthly	:	82.5	(78.8)	%
Wind				
Wind speed monthly average	:	10.7	(12.3)	kt
Wind speed avg. max	:	23.2	(23.3)	kt
Wind speed abs. max. date/time:	<i>January 21 1:59</i>	:	29.0	(34.0) kt
Wind vector monthly average	:	95	(98)	°
Wind energy potential total *	:	80	(118)	Whr/m ²
Wind energy monthly average *	:	2594	(3799)	Whr/m ² /dav
Wind energy potential maximum * date:	:	4703	(7175)	Whr/m ² /dav
Wind energy potential minimum * date:	:	191	(925)	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

() Same month previous year data

