

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

January 2024

Station: Hato, Airport

Rain			
Rainfall total	:	29.0 (63.3)	mm
Rainfall percentage total/long-term average	:	-37 (38)	%
Rainfall 24 hour's maximum date:	:	9.2 (12.4)	mm
Rainfall amount of days >= 1.0 mm	:	7 (14)	days
Hours with rainfall	:	32 (55)	hours
Hours with rainfall percentage/long-term average	:	-48 (-10)	%
Rainfall cumulative	:	29.0 (63.3)	mm
Rainfall percentage cumulative/long-term average	:	-37 (38)	%
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	:	4933	Whr/m ² /day
Solar radiation absolute max./month date:	:	6065	Whr/m ² /day
Solar radiation absolute min./month date:	:	3369	Whr/m ² /day
Temperature			
Temperature monthly average	:	27.8 (26.1)	°C
Temperature monthly maximum average	:	30.6 (29.0)	°C
Temp. abs. max. date/time:	January 19 13:14	:	32.2 (30.2) °C
Temperature monthly minimum average	:	25.8 (23.9)	°C
Temp. abs. min. date/time:	January 22 17:59	:	24.2 (22.5) °C
Relative humidity monthly	:	78.8 (78.0)	%
Wind			
Wind speed monthly average	:	12.3 (10.5)	kt
Wind speed avg. max	:	23.3 (22.1)	kt
Wind speed abs. max. date/time:	January 23 12:20	:	34.0 (28.0) kt
Wind vector monthly average	:	98 (96)	°
Wind energy potential total *	:	118 (71)	Whr/m ²
Wind energy monthly average *	:	3800 (2360)	Whr/m ² /day
Wind energy potential maximum * date:	:	7175 (4801)	Whr/m ² /day
Wind energy potential minimum * date:	:	925 (276)	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

