

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

February 2024

Station: Hato, Airport

Rain			
Rainfall total	:	14.0 (19.8)	mm
Rainfall percentage total/long-term average	:	-51 (-31)	%
Rainfall 24 hour's maximum date:	:	6.4 (4.9)	mm
Rainfall amount of days >= 1.0 mm	:	3 (5)	days
Hours with rainfall	:	19 (24)	hours
Hours with rainfall percentage/long-term average	:	-52 (-39)	%
Rainfall cumulative	:	43.0 (83.1)	mm
Rainfall percentage cumulative/long-term average	:	-43 (11)	%
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	:	4602	Whr/m ² /day
Solar radiation absolute max./month date:	:	6721	Whr/m ² /day
Solar radiation absolute min./month date:	:	165	Whr/m ² /day
Temperature			
Temperature monthly average	:	27.6 (26.3)	°C
Temperature monthly maximum average	:	30.9 (29.5)	°C
Temp. abs. max. date/time:	February 05 13:39	:	34.4 (30.8) °C
Temperature monthly minimum average	:	25.4 (24.1)	°C
Temp. abs. min. date/time:	February 22 5:41	:	22.7 (21.7) °C
Relative humidity monthly	:	80.2 (73.7)	%
Wind			
Wind speed monthly average	:	9.8 (12.1)	kt
Wind speed avg. max	:	20.4 (24.2)	kt
Wind speed abs. max. date/time:	February 16 11:55	:	30.0 (31.0) kt
Wind vector monthly average	:	93 (92)	°
Wind energy potential total *	:	64 (101)	Whr/m ²
Wind energy monthly average *	:	2369 (3619)	Whr/m ² /day
Wind energy potential maximum * date:	:	7325 (6054)	Whr/m ² /day
Wind energy potential minimum * date:	:	46 (1571)	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

