

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

July 2022

Station: Hato, Airport

Rain			
Rainfall total	:	46.6 (15.4)	mm
Rainfall percentage total/long-term average	:	13 (-63)	%
Rainfall 24 hour's maximum date:	July 28	:	19.4 (7.4) mm
Rainfall amount of days >= 1.0 mm	:	6 (2)	days
Hours with rainfall	:	27 (0)	hours
Hours with rainfall percentage/long-term average	:	-23 (-100)	%
Rainfall cumulative	:	221.0 (278.1)	mm
Rainfall percentage cumulative/long-term average	:	14 (44)	%
Evaporation			
Evaporation daily average	:	()	mm
Evaporation monthly total	:	()	mm
Evaporation maximum/month date:	:	()	mm
Sunshine			
Sunshine duration monthly average	:	10 58	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date:	July 05	:	11 30 hours:min
Sunshine absolute min./month date:	July 07	:	9 0 hours:min
Solar radiation monthly average	:	4056	Whr/m ² /dav
Solar radiation absolute max./month date:	:	6510	Whr/m ² /dav
Solar radiation absolute min./month date:	:	0	Whr/m ² /dav
Temperature			
Temperature monthly average	:	28.0 (28.4)	°C
Temperature monthly maximum average	:	31.4 (32.3)	°C
Temp. abs. max. date/time:	July 24 14:17	:	32.7 (34.0) °C
Temperature monthly minimum average	:	25.8 (26.3)	°C
Temp. abs. min. date/time:	July 27 8:40	:	23.8 (24.6) °C
Relative humidity monthly	:	76.6 (80.7)	%
Wind			
Wind speed monthly average	:	11.5 (12.3)	kt
Wind speed avg. max	:	24.3 (25.3)	kt
Wind speed abs. max. date/time:	July 03 9:45	:	34.0 (33.0) kt
Wind vector monthly average	:	97 (103)	°
Wind energy potential total *	:	102 (125)	Whr/m ²
Wind energy monthly average *	:	3280 (4040)	Whr/m ² /dav
Wind energy potential maximum * date:	:	8994 (7848)	Whr/m ² /dav
Wind energy potential minimum * date:	:	944 (1122)	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

