

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

October 2021

Station: Hato, Airport

Rain			
Rainfall total	:	70.1 (56.4)	mm
Rainfall percentage total/long-term average	:	-31 (-45)	%
Rainfall 24 hour's maximum date:	October 02	:	21.3 (11.4) mm
Rainfall amount of days >= 1.0 mm	:	10 (10)	days
Hours with rainfall	:	8 (27)	hours
Hours with rainfall percentage/long-term average	:	-83 (-41)	%
Rainfall cumulative	:	454.2 (299.8)	mm
Rainfall percentage cumulative/long-term average	:	18 (-22)	%
Evaporation			
Evaporation daily average	:	6.7 ()	mm
Evaporation monthly total	:	207.5 ()	mm
Evaporation maximum/month date:	October 09	:	9.9 () mm
Sunshine			
Sunshine duration monthly average	:	8 40	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date:	October 24	:	11 24 hours:min
Sunshine absolute min./month date:	October 30	:	1 6 hours:min
Solar radiation monthly average	:	4655	Whr/m ² /dav
Solar radiation absolute max./month date:	:	6148	Whr/m ² /dav
Solar radiation absolute min./month date:	:	2143	Whr/m ² /dav
Temperature			
Temperature monthly average	:	28.8 (29.1)	°C
Temperature monthly maximum average	:	32.2 (32.5)	°C
Temp. abs. max. date/time:	October 13 12:19	:	34.0 (35.6) °C
Temperature monthly minimum average	:	26.3 (26.5)	°C
Temp. abs. min. date/time:	October 30 12:14	:	22.8 (23.3) °C
Relative humidity monthly	:	79.7 (73.4)	%
Wind			
Wind speed monthly average	:	10.9 (10.9)	kt
Wind speed avg. max	:	23.3 (22.7)	kt
Wind speed abs. max. date/time:	October 13 10:17	:	44.0 (30.0) kt
Wind vector monthly average	:	98 (106)	°
Wind energy potential total *	:	93 (92)	Whr/m ²
Wind energy monthly average *	:	3008 (2964)	Whr/m ² /dav
Wind energy potential maximum * date:	:	7842 (5614)	Whr/m ² /dav
Wind energy potential minimum * date:	:	720 (142)	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

