

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

January 2021

Station: Hato, Airport

Rain			
Rainfall total	:	74.9	(51.7) mm
Rainfall percentage total/long-term average	:	63	(12) %
Rainfall 24 hour's maximum date:	January 09	:	16.8 (9.6) mm
Rainfall amount of days \geq 1.0 mm	:	12	(9) days
Hours with rainfall	:	66	(55) hours
Hours with rainfall percentage/long-term average	:	8	(-10) %
Rainfall cumulative	:	74.9	(51.7) mm
Rainfall percentage cumulative/long-term average	:	63	(12) %
Evaporation			
Evaporation daily average	:	(5.2)	mm
Evaporation monthly total	:	(161.1)	mm
Evaporation maximum/month date:	:	(8.2)	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	:	4356	Whr/m ² /dav
Solar radiation absolute max./month date:	:	5777	Whr/m ² /dav
Solar radiation absolute min./month date:	:	2036	Whr/m ² /dav
Temperature			
Temperature monthly average	:	26.5	(26.9) °C
Temperature monthly maximum average	:	29.5	(30.2) °C
Temp. abs. max. date/time:	January 01 13:37	:	30.3 (31.7) °C
Temperature monthly minimum average	:	24.2	(24.6) °C
Temp. abs. min. date/time:	January 05 7:10	:	22.3 (23.1) °C
Relative humidity monthly	:	73.9	(74.3) %
Wind			
Wind speed monthly average	:	11.4	(10.9) kt
Wind speed avg. max	:	23.5	(23.2) kt
Wind speed abs. max. date/time:	January 19 22:23	:	32.0 (41.0) kt
Wind vector monthly average	:	99	(103) °
Wind energy potential total *	:	99	(104) Whr/m ²
Wind energy monthly average *	:	3185	(3477) Whr/m ² /dav
Wind energy potential maximum * date:	:	8154	(11031) Whr/m ² /dav
Wind energy potential minimum * date:	:	689	(43) Whr/m ² /dav
Remarks			

January 2021, the rainfall was extremely high. Data in comparison with the 30 year average.

* 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

