

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

May 2019

Station: Hato, Airport

Rain

Rainfall total	:	0.5	(	1.5	)	mm
Rainfall percentage total/long-term average	:	-98	(	-93)	%	
Rainfall 24 hour's maximum date:	May 03	:	0.2	(1.3)	mm
Rainfall amount of days \geq 1.0 mm	:	0	(	1	)	days
Hours with rainfall	:	3	(	2	)	hours
Hours with rainfall percentage/long-term average	:	-87	(	-92)	%	
Rainfall cumulative	:	41.3	(	142.2	)	mm
Rainfall percentage cumulative/long-term average	:	-69	(	7)	%	

Evaporation

Evaporation daily average	:	8.2	(	8.4	)	mm
Evaporation monthly total	:	255.5	(	261.0	)	mm
Evaporation maximum/month date:	May 14	:	13.6	(15.3)	mm

Sunshine

Sunshine duration monthly average	:	7	55	hours:min	
Sunshine percentage total/normal	:			%	
Sunshine absolute max./month date	May 14	:	10	54	hours:min
Sunshine absolute min./month date:	May 05	:	2	18	hours:min
Solar radiation monthly average	:	4808		Whr/m ² /dav	
Solar radiation absolute max./month date:	May 02	:	6018		Whr/m ² /dav
Solar radiation absolute min./month date:	May 12	:	3358		Whr/m ² /dav

Temperature

Temperature monthly average	:	28.1	(	27.9	)	°C
Temperature monthly maximum average	:	31.2	(	31.0	)	°C
Temp. abs. max. date/time:	May 29 13:16	:	32.8	(31.8)	°C
Temperature monthly minimum average	:	26.6	(	26.2	)	°C
Temp. abs. min. date/time:	May 03 5:43	:	25.7	(25.4)	°C
Relative humidity monthly	:	73.6	(	72.6)	%	

Wind

Wind speed monthly average	:	13.6	(	14.0	)	kt
Wind speed avg. max	:	25.1	(	26.8	)	kt
Wind speed abs. max. date/time:	May 14 10:35	:	34.0	(31.0)	kt
Wind vector monthly average	:	104	(	105)	°	
Wind energy potential total *	:	161700	(	171645	)	Whr/m ²
Wind energy monthly average *	:	5216	(	5537	)	Whr/m ² /dav
Wind energy potential maximum * date:	:	9042	(	6735	)	Whr/m ² /dav
Wind energy potential minimum * date:	:	1873	(	4227	)	Whr/m ² /dav

Remarks

Month May has two extremes, mainly rainfall and temperature. The total and 24 hour's max rainfall were extremely low. The maximum average temperature was extremely low and the absolute minimum temperature was extremely high.

* 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

