

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

June 2018

Station: Hato, Airport

Rain

Rainfall total	:	24.0	(	32.7)	mm
Rainfall percentage total/long-term average	:	7	(	46)	%
Rainfall 24 hour's maximum date:	June 16	:	15.5	(9.7)	mm
Rainfall amount of days \geq 1.0 mm	:	3	(	8)	days
Hours with rainfall	:	8	(	25)	hours
Hours with rainfall percentage/long-term average	:	-71	(	-10)	%
Rainfall cumulative	:	166.2	(	201.2)	mm
Rainfall percentage cumulative/long-term average	:	7	(	29)	%

Evaporation

Evaporation daily average	:	8.6	(	8.9)	mm
Evaporation monthly total	:	256.4	(	265.5)	mm
Evaporation maximum/month date:	June 04	:	13.9	(10.8)	mm

Sunshine

Sunshine duration monthly average	:	8	57	hours:min	
Sunshine percentage total/normal	:			%	
Sunshine absolute max./month date	June 01	:	11	0	hours:min
Sunshine absolute min./month date:	June 12	:	4	12	hours:min
Solar radiation monthly average	:	5090		Whr/m ² /dav	
Solar radiation absolute max./month date:	:	7013		Whr/m ² /dav	
Solar radiation absolute min./month date:	:	4173		Whr/m ² /dav	

Temperature

Temperature monthly average	:	28.1	(	28.6)	°C
Temperature monthly maximum average	:	31.4	(	32.1)	°C
Temp. abs. max. date/time:	June 19 12:52	:	34.2	(33.2)	°C
Temperature monthly minimum average	:	26.2	(	26.4)	°C
Temp. abs. min. date/time:	June 16 7:45	:	24.6	(24.8)	°C
Relative humidity monthly	:	74.0	(	73.6)	%

Wind

Wind speed monthly average	:	13.4	(	12.3)	kt
Wind speed avg. max	:	26.5	(	26.7)	kt
Wind speed abs. max. date/time:	June 14 12:12	:	36.0	(41.0)	kt
Wind vector monthly average	:	105	(	104)	°
Wind energy potential total *	:	148337	(	#####)	Whr/m ²
Wind energy monthly average *	:	4945	(	3991)	Whr/m ² /dav
Wind energy potential maximum * date:	:	7899	(	8395)	Whr/m ² /dav
Wind energy potential minimum * date:	:	2350	(	1995)	Whr/m ² /dav

Remarks

The month of June has 3 extremes. Average, maximum temperature and relative humidity were extremely low in comparison with the 30 years 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

