

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

July 2018

Station: Hato, Airport

Rain

Rainfall total	:	41.0	(	33.5	)	mm
Rainfall percentage total/long-term average	:	-1	(	-19)	%
Rainfall 24 hour's maximum date:	July 02	:	18.5	(	11.8)	mm
Rainfall amount of days \geq 1.0 mm	:	7	(	6)	)	days
Hours with rainfall	:	40	(	10)	)	hours
Hours with rainfall percentage/long-term average	:	14	(	-72))	%
Rainfall cumulative	:	207.2	(	234.7)	)	mm
Rainfall percentage cumulative/long-term average	:	5	(	19))	%

Evaporation

Evaporation daily average	:	7.2	(	8.5)	)	mm
Evaporation monthly total	:	223.8	(	263.3)	)	mm
Evaporation maximum/month date:	July 31	:	11.3	(	15.3)	mm

Sunshine

Sunshine duration monthly average	:	9	25	hours:min	
Sunshine percentage total/normal	:			%	
Sunshine absolute max./month date	July 08	:	11	24	hours:min
Sunshine absolute min./month date:	July 01	:	0	0	hours:min
Solar radiation monthly average	:	7110	Whr/m ² /dav		
Solar radiation absolute max./month date:	July 10	:	16655	Whr/m ² /dav	
Solar radiation absolute min./month date:	July 01	:	1024	Whr/m ² /dav	

Temperature

Temperature monthly average	:	28.2	(	28.8)	)	°C
Temperature monthly maximum average	:	31.5	(	32.3)	)	°C
Temp. abs. max. date/time:	July 22 13:01	:	32.9	(	34.2)	°C
Temperature monthly minimum average	:	26.2	(	26.4)	)	°C
Temp. abs. min. date/time:	July 01 6:59	:	23.7	(	23.9)	°C
Relative humidity monthly	:	76.0	(	76.1))	%

Wind

Wind speed monthly average	:	12.3	(	11.9)	)	kt
Wind speed avg. max	:	25.1	(	24.4)	)	kt
Wind speed abs. max. date/time:	July 01 13:10	:	33.0	(	31.0)	kt
Wind vector monthly average	:	103	(	106))	°
Wind energy potential total *	:	121268	(	#####)	)	Whr/m ²
Wind energy monthly average *	:	3912	(	3492)	)	Whr/m ² /dav
Wind energy potential maximum * date:	:	6499	(	5797)	)	Whr/m ² /dav
Wind energy potential minimum * date:	:	886	(	1273)	)	Whr/m ² /dav

Remarks

The month of July characterizes 2 extremes. The average maximum temperature and relative humidity. Both data is 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

