

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

April 2020

Station: Hato, Airport

Rain

Rainfall total	:	8.6	mm
Rainfall percentage total/long-term average	:	-56	%
Rainfall 24 hour's maximum date:	April 26	:	5.0 mm
Rainfall amount of days \geq 1.0 mm	:	2	days
Hours with rainfall	:	5	hours
Hours with rainfall percentage/long-term average	:	-76	%
Rainfall cumulative	:	97.0	mm
Rainfall percentage cumulative/long-term average	:	-10	%

Evaporation

Evaporation daily average	:	8.3	mm
Evaporation monthly total	:	250.3	mm
Evaporation maximum/month date:	April 26	:	12.8 mm

Sunshine

Sunshine duration monthly average	:	9 13	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	April 25	:	11 6 hours:min
Sunshine absolute min./month date:	April 04	:	5 24 hours:min
Solar radiation monthly average	:	6299	Whr/m ² /dav
Solar radiation absolute max./month date:	:	7468	Whr/m ² /dav
Solar radiation absolute min./month date:	:	5018	Whr/m ² /dav

Temperature

Temperature monthly average	:	28.2	°C
Temperature monthly maximum average	:	31.6	°C
Temp. abs. max. date/time:	April 06 13:27	:	32.9 °C
Temperature monthly minimum average	:	26.3	°C
Temp. abs. min. date/time:	April 25 5:25	:	25.2 °C
Relative humidity monthly	:	70.2	%

Wind

Wind speed monthly average	:	13.3	kt
Wind speed avg. max	:	23.7	kt
Wind speed abs. max. date/time:	April 12 10:03	:	28.0 kt
Wind vector monthly average	:	102	°
Wind energy potential total *	:	141	Whr/m ²
Wind energy monthly average *	:	4691	Whr/m ² /dav
Wind energy potential maximum * date:	:	7111	Whr/m ² /dav
Wind energy potential minimum * date:	:	2200	Whr/m ² /dav

Remarks

The absolute, minimum average temperature were extremely high 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

