

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

May 2020

Station: Hato, Airport

Rain

Rainfall total	:	0.0	mm
Rainfall percentage total/long-term average	:	-100	%
Rainfall 24 hour's maximum date:	May 01	:	0.0 mm
Rainfall amount of days \geq 1.0 mm	:	0	days
Hours with rainfall	:	0	hours
Hours with rainfall percentage/long-term average	:	-100	%
Rainfall cumulative	:	97.0	mm
Rainfall percentage cumulative/long-term average	:	-25	%

Evaporation

Evaporation daily average	:	8.3	mm
Evaporation monthly total	:	258.3	mm
Evaporation maximum/month date:	May 26	:	10.8 mm

Sunshine

Sunshine duration monthly average	:	8 44	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	May 21	:	10 42 hours:min
Sunshine absolute min./month date:	May 07	:	4 30 hours:min
Solar radiation monthly average	:	6137	Whr/m ² /dav
Solar radiation absolute max./month date:	:	7301	Whr/m ² /dav
Solar radiation absolute min./month date:	:	4670	Whr/m ² /dav

Temperature

Temperature monthly average	:	28.4	°C
Temperature monthly maximum average	:	31.5	°C
Temp. abs. max. date/time:	May 05 12:11	:	33.2 °C
Temperature monthly minimum average	:	26.8	°C
Temp. abs. min. date/time:	May 20 1:39	:	26.2 °C
Relative humidity monthly	:	73.0	%

Wind

Wind speed monthly average	:	15.1	kt
Wind speed avg. max	:	28.0	kt
Wind speed abs. max. date/time:	May 17 10:47	:	36.0 kt
Wind vector monthly average	:	106	°
Wind energy potential total *	:	215	Whr/m ²
Wind energy monthly average *	:	6928	Whr/m ² /dav
Wind energy potential maximum * date:	:	11022	Whr/m ² /dav
Wind energy potential minimum * date:	:	2845	Whr/m ² /dav

Remarks

The absolute minimum temperature was extremely high and the humidity extremely low. All wind values were extremely high. All 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

