

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

June 2020

Station: Hato, Airport

Rain			
Rainfall total	:	23.4	mm
Rainfall percentage total/long-term average	:	5	%
Rainfall 24 hour's maximum date:	June 28	:	16.0 mm
Rainfall amount of days $\geq$ 1.0 mm	:	3	days
Hours with rainfall	:	15	hours
Hours with rainfall percentage/long-term average	:	-46	%
Rainfall cumulative	:	120.4	mm
Rainfall percentage cumulative/long-term average	:	-21	%
Evaporation			
Evaporation daily average	:	8.8	mm
Evaporation monthly total	:	264.9	mm
Evaporation maximum/month date:	June 22	:	12.5 mm
Sunshine			
Sunshine duration monthly average	:	9 5	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	June 04	:	11 6 hours:min
Sunshine absolute min./month date:	June 10	:	2 48 hours:min
Solar radiation monthly average	:	6298	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:		:	7704 Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:		:	4400 Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	28.7	°C
Temperature monthly maximum average	:	32.1	°C
Temp. abs. max. date/time:	June 13 13:08	:	34.5 °C
Temperature monthly minimum average	:	26.6	°C
Temp. abs. min. date/time:	June 20 9:31	:	25.4 °C
Relative humidity monthly	:	73.4	%
Wind			
Wind speed monthly average	:	12.7	kt
Wind speed avg. max	:	24.7	kt
Wind speed abs. max. date/time:	June 27 16:54	:	35.0 kt
Wind vector monthly average	:	103	°
Wind energy potential total *	:	130	Whr/m <sup>2</sup>
Wind energy monthly average *	:	4329	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:		:	7707 Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:		:	1569 Whr/m <sup>2</sup> /dav
Remarks			

\* 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

