

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

February 2020

Station: Hato, Airport

Rain			
Rainfall total	:	9.0	mm
Rainfall percentage total/long-term average	:	-69	%
Rainfall 24 hour's maximum date:	February 15	:	2.7 mm
Rainfall amount of days $\geq$ 1.0 mm	:	5	days
Hours with rainfall	:	10	hours
Hours with rainfall percentage/long-term average	:	-74	%
Rainfall cumulative	:	60.7	mm
Rainfall percentage cumulative/long-term average	:	-19	%
Evaporation			
Evaporation daily average	:	6.7	mm
Evaporation monthly total	:	195.6	mm
Evaporation maximum/month date:	February 08	:	10.5 mm
Sunshine			
Sunshine duration monthly average	:	9 42	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	February 27	:	10 54 hours:min
Sunshine absolute min./month date:	February 18	:	7 12 hours:min
Solar radiation monthly average	:	5037	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	6067	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	3769	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	27.4	°C
Temperature monthly maximum average	:	30.8	°C
Temp. abs. max. date/time:	February 25 15:39	:	31.9 °C
Temperature monthly minimum average	:	25.3	°C
Temp. abs. min. date/time:	February 23 5:37	:	23.6 °C
Relative humidity monthly	:	71.1	%
Wind			
Wind speed monthly average	:	12.5	kt
Wind speed avg. max	:	23.9	kt
Wind speed abs. max. date/time:	February 06 12:57	:	31.0 kt
Wind vector monthly average	:	103	°
Wind energy potential total *	:	120	Whr/m <sup>2</sup>
Wind energy monthly average *	:	4136	Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	8110	Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	1453	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

