

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

June 2022

Station: Hato, Airport

Rain			
Rainfall total	:	42.4	( 22.5 ) mm
Rainfall percentage total/long-term average	:	89	( 0 ) %
Rainfall 24 hour's maximum date:	June 30	:	31.0 ( 5.3 ) mm
Rainfall amount of days $\geq$ 1.0 mm	:	5	( 7 ) days
Hours with rainfall	:	12	( 0 ) hours
Hours with rainfall percentage/long-term average	:	-56	( -100 ) %
Rainfall cumulative	:	174.4	( 262.7 ) mm
Rainfall percentage cumulative/long-term average	:	15	( 73 ) %
Evaporation			
Evaporation daily average	:	( )	mm
Evaporation monthly total	:	( )	mm
Evaporation maximum/month date:	:	( )	mm
Sunshine			
Sunshine duration monthly average	:	9 46	hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date:	June 04	:	11 24 hours:min
Sunshine absolute min./month date:	June 27	:	7 12 hours:min
Solar radiation monthly average	:	6139	Whr/m <sup>2</sup> /dav
Solar radiation absolute max./month date:	:	7302	Whr/m <sup>2</sup> /dav
Solar radiation absolute min./month date:	:	712	Whr/m <sup>2</sup> /dav
Temperature			
Temperature monthly average	:	28.2	( 28.0 ) °C
Temperature monthly maximum average	:	31.7	( 31.1 ) °C
Temp. abs. max. date/time:	June 15 11:56	:	33.5 ( 33.0 ) °C
Temperature monthly minimum average	:	26.1	( 26.1 ) °C
Temp. abs. min. date/time:	June 29 16:55	:	23.9 ( 24.0 ) °C
Relative humidity monthly	:	74.5	( 76.2 ) %
Wind			
Wind speed monthly average	:	12.7	( 12.4 ) kt
Wind speed avg. max	:	25.3	( 24.3 ) kt
Wind speed abs. max. date/time:	June 14 6:31	:	32.0 ( 29.0 ) kt
Wind vector monthly average	:	96	( 99 ) °
Wind energy potential total *	:	127	( 118 ) Whr/m <sup>2</sup>
Wind energy monthly average *	:	4226	( 3920 ) Whr/m <sup>2</sup> /dav
Wind energy potential maximum * date:	:	7638	( 6735 ) Whr/m <sup>2</sup> /dav
Wind energy potential minimum * date:	:	1703	( 1697 ) 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

( ) Same month previous year data

