METEOROLOGICAL DEPARTMENT CURAÇAO
CLIMATOLOGICAL SUMMARY

September 2020

Station: Hato, Airport

Rain			
Rainfall total	:	20.7	mm
Rainfall percentage total/long-term average	:	-58	%
Rainfall 24 hour's maximum date: September 01	:	6.3	mm
Rainfall amount of days >= 1.0 mm	:	5	days
Hours with rainfall	:	12	hours
Hours with rainfall percentage/long-term average	:	-59	%
Rainfall cumulative	:	243.4	mm
Rainfall percentage cumulative/long-term average	:	-14	%

Evaporation			
Evaporation daily average	:		mm
Evaporation monthly total	:		mm
Evaporation maximum/month date:	:		mm

Sunshine			
Sunshine duration monthly average	:		hours:min
Sunshine percentage total/normal	:		%
Sunshine absolute max./month date	:		hours:min
Sunshine absolute min./month date:	:		hours:min
Solar radiation monthly average	:	6007	Whr/m² /dav
Solar radiation absolute max./month date:	:	7221	Whr/m² /dav
Solar radiation absolute min./month date:	:	3328	Whr/m² /dav

Temperature			
Temperature monthly average	:	29.8	ºC
Temperature monthly maximum average	:	33.2	ºC
Temp. abs. max. date/time: September 14 12:14	:	35.8	ºC
Temperature monthly minimum average	:	27.2	ºC
Temp. abs. min. date/time: September 28 0:23	:	24.8	ºC
Relative humidity monthly	:	71.9	%

Wind			
Wind speed monthly average	:	9.9	kt
Wind speed avg. max	:	21.1	kt
Wind speed abs. max. date/time: September 28 0:18	:	32.0	kt
Wind vector monthly average	:	101	º
Wind energy potential total *	:	67	Whr/m²
Wind energy monthly average *	:	2248	Whr/m² /dav
Wind energy potential maximum * date:	:	5935	Whr/m² /dav
Wind energy potential minimum * date:	:	47	Whr/m² /dav

Remarks

September 2020 was chareterized with a few extremes. The average , absolute maximum and average minimum temperature were extremely high. The relative humidity and the wind speed maximum average both were extremely low. All data are 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