METEOROLOGICAL DEPARTMENT CURAÇAO
CLIMATOLOGICAL SUMMARY

March 2018

Station: Hato, Airport

Rain				
Rainfall total		:	1.2	mm
Rainfall percentage total/long-term average		:	-92	%
Rainfall 24 hour's maximum date:	March 29	:	1.2	mm
Rainfall amount of days >= 1.0 mm		:	1	days
Hours with rainfall		:	1	hours
Hours with rainfall percentage/long-term average		:	-96	%
Rainfall cumulative		:	134.3	mm
Rainfall percentage cumulative/long-term average		:	44	%

Evaporation				
Evaporation daily average		:	7.7	mm
Evaporation monthly total		:	239.3	mm
Evaporation maximum/month date:	March 30	:	16.9	mm

Sunshine					
Sunshine duration monthly average		:	9	22	hours:min
Sunshine percentage total/normal		:			%
Sunshine absolute max./month date	March 01	:	11	12	hours:min
Sunshine absolute min./month date:	March 06	:	6	0	hours:min
Solar radiation monthly average		:		5368	Whr/m2 /day
Solar radiation absolute max./month date:	March 05	:		6365	Whr/m2 /day
Solar radiation absolute min./month date:	March 04	:		3486	Whr/m2 /day

Temperature				
Temperature monthly average		:	27.0	ºC
Temperature monthly maximum average		:	30.5	ºC
Temp. abs. max. date/time:	March 09 13:48	:	31.5	ºC
Temperature monthly minimum average		:	24.9	ºC
Temp. abs. min. date/time:	March 04 5:39	:	21.8	ºC
Relative humidity monthly		:	72.9	%

Wind				
Wind speed monthly average		:	12.5	kt
Wind speed avg. max		:	24.2	kt
Wind speed abs. max. date/time:	March 10 15:49	:	36.0	kt
Wind vector monthly average		:	99	º
Wind energy potential total *		:	134319	Whr/m2
Wind energy monthly average *		:	4333	Whr/m2 /day
Wind energy potential maximum * date:		:	9721	Whr/m2 /day
Wind energy potential minimum * date:		:	122	Whr/m2 /day

Remarks

March 2018 has only 3 extremes. The relative humidity and the absolute minimum temperature were extremely low. The absolute wind speed was 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