METEOROLOGICAL DEPARTMENT CURAÇAO
CLIMATOLOGICAL SUMMARY

April 2017

Station: Hato, Airport

Rain			
Rainfall total		: 11.7	mm
Rainfall percentage total/long-term average		: -39	%
Rainfall 24 hour's maximum date:	April 17	: 6.2	mm
Rainfall amount of days >= 1.0 mm		: 2	days
Hours with rainfall		: 6	hours
Hours with rainfall percentage/long-term average		: -72	%
Rainfall cumulative		: 144.2	mm
Rainfall percentage cumulative/long-term average		: 29	%

Evaporation			
Evaporation daily average		: 8.2	mm
Evaporation monthly total		: 246.1	mm
Evaporation maximum/month date:	April 29	: 12.0	mm

Sunshine			
Sunshine duration monthly average		: 8 32	hours:min
Sunshine percentage total/normal		: 3	%
Sunshine absolute max./month date	April 27	: 10 42	hours:min
Sunshine absolute min./month date:	April 15	: 3 30	hours:min
Solar radiation monthly average		: 5944	Whr/m2 /day
Solar radiation absolute max./month date:		: 7345	Whr/m2 /day
Solar radiation absolute min./month date:		: 4011	Whr/m2 /day

Temperature			
Temperature monthly average		: 28.1	ºC
Temperature monthly maximum average		: 31.5	ºC
Temp. abs. max. date/time:	April 23 14:01	: 32.9	ºC
Temperature monthly minimum average		: 26.2	ºC
Temp. abs. min. date/time:	April 11 5:37	: 24.7	ºC
Relative humidity monthly		: 75.1	%

Wind			
Wind speed monthly average		: 12.8	kt
Wind speed avg. max		: 24.5	kt
Wind speed abs. max. date/time:	April 29 11:34	: 33.0	kt
Wind vector monthly average		: 92	º
Wind energy potential total *		: 131879	Whr/m2
Wind energy monthly average *		: 4396	Whr/m2 /day
Wind energy potential maximum * date:		: 8202	Whr/m2 /day
Wind energy potential minimum * date:		: 1282	Whr/m2 /day

Remarks

The extremes for April 2017 were minimum average temperature, absolute maximum wind speed and relative humidity.

* 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