METEOROLOGICAL DEPARTMENT CURAÇAO
CLIMATOLOGICAL SUMMARY

February 2018

Station: Hato, Airport

Rain				
Rainfall total		:	97.0	mm
Rainfall percentage total/long-term average		:	232	%
Rainfall 24 hour's maximum date:	February 23	:	11.4	mm
Rainfall amount of days >= 1.0 mm		:	15	days
Hours with rainfall		:	79	hours
Hours with rainfall percentage/long-term average		:	102	%
Rainfall cumulative		:	133.1	mm
Rainfall percentage cumulative/long-term average		:	69	%

Evaporation				
Evaporation daily average		:	6.2	mm
Evaporation monthly total		:	174.2	mm
Evaporation maximum/month date:	February 02	:	9.9	mm

Sunshine					
Sunshine duration monthly average		:	9	2	hours:min
Sunshine percentage total/normal		:			%
Sunshine absolute max./month date	February 27	:	11	0	hours:min
Sunshine absolute min./month date:	February 24	:	4	54	hours:min
Solar radiation monthly average		:		4927	Whr/m2 /day
Solar radiation absolute max./month date:	February 02	:		6021	Whr/m2 /day
Solar radiation absolute min./month date:	February 04	:		3827	Whr/m2 /day

Temperature				
Temperature monthly average		:	26.2	°C
Temperature monthly maximum average		:	29.4	°C
Temp. abs. max. date/time:	February 06 14:00	:	30.7	°C
Temperature monthly minimum average		:	23.4	°C
Temp. abs. min. date/time:	February 24 6:06	:	21.6	°C
Relative humidity monthly		:	73.6	%

Wind				
Wind speed monthly average		:	12.6	kt
Wind speed avg. max		:	28.1	kt
Wind speed abs. max. date/time:	February 14 9:16	:	38.0	kt
Wind vector monthly average		:	93	o
Wind energy potential total *		:	116229	Whr/m2
Wind energy monthly average *		:	4151	Whr/m2 /day
Wind energy potential maximum * date:		:	6907	Whr/m2 /day
Wind energy potential minimum * date:		:	817	Whr/m2 /day

Remarks

The total rainfall was extreme in comparison with the 30 year averages. All temperatures were extreme except for the monthly average. Nevertheless no records were broken. In the category wind there were a few extremes. These are the average and absolute maximum wind speeds.

* 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