METEOROLOGICAL DEPARTMENT CURAÇAO
CLIMATOLOGICAL SUMMARY

July 2016

Station: HATO, Airport

RAIN			
Rainfall total		28.2	mm
Rainfall percentage total /(long-term average)		-32	%
Rainfall 24 hour's maximum date:	17-Jul	11.7	mm
Rainfall amount of days >= 1.0 mm		5	
Hours with rainfall		19	hrs
Hours with rainfall percentage / (long-term average)		-46	%
Rainfall cumulative	January till July	59.9	mm
Rainfall percentage cumulative / (long-term average)		-70	%

EVAPORATION			
Evaporation daily average		8.2	mm
Evaporation monthly total		254.1	mm
Evaporation maximum / month date:	16-Jul	13.1	mm

SUNSHINE					
Sunshine duration monthly average		9	33	hrs	min
Sunshine percentage total / normal		2.1		%	
Sunshine absolute max. / month date:	8-Jul	11	18	hrs	min
Sunshine absolute min. / month date:	30-Jul	6	36	hrs	min
Solar radiation monthly average		6128	Whr /	m²	/day
Solar radiation absolute max. / month date:		7382	Whr /	m²	/day
Solar radiation absolute min. / month date:		4692	Whr /	m²	/day

TEMPERATURE				
Temperature monthly average			29.2	℃
Temperature monthly max. average			32.8	℃
Temperature absolute max. date / time:	2-Jul	11:47	34.4	℃
Temperature monthly min. average			27.1	℃
Temperature absolute min. date / time:	15-Jul	6:24	24.6	℃
Relative humidity monthly average			75.3	%

WIND					
Wind speed monthly average			12.9	kts	
Wind speed average max.			24.3	kts	
Wind speed absolute max. date / time:	16-Jul	9:34	34	kts	
Wind vector monthly average			92	°	
Wind energy potential total *			135	KWhr /	m²
Wind energy monthly average *			4368	Whr /	m²	/day
Wind energy potential maximum * date:	17-Jul		7742	Whr /	m²	/day
Wind energy potential minimum * date:	31-Jul		1450	Whr /	m²	/day

REMARKS
Like previous month, all temperature measurements except absolute minimum were extremely high.

* Wind energy at a height of 10 m for windspeeds of 4 m/s or more.
** Sunshine duration in hrs (solar time)
*** Solar radiation (local time)
_ Blank field - No data available