

METEOROLOGICAL DEPARTMENT CURAÇAO CLIMATOLOGICAL SUMMARY

June 2016

Station: HATO, Airport

RAIN			
Rainfall total		10.1	mm
Rainfall percentage total / (long-term average)		-55	%
Rainfall 24 hour's maximum date:	6-Jun	4.9	mm
Rainfall amount of days \geq 1.0 mm		2	
Hours with rainfall		8	hrs
Hours with rainfall percentage / (long-term average)		-71	%
Rainfall cumulative	January till June	31.7	mm
Rainfall percentage cumulative / (long-term average)		-80	%

EVAPORATION			
Evaporation daily average		8.9	mm
Evaporation monthly total		257.9	mm
Evaporation maximum / month date:	2-Jun	19.1	mm

SUNSHINE				
Sunshine duration monthly average		8	29	hrs min
Sunshine percentage total / normal		-6.7		%
Sunshine absolute max. / month date:	16-Jun	11	0	hrs min
Sunshine absolute min. / month date:	25-Jun	2	24	hrs min
Solar radiation monthly average		5514	Whr /	m ² /day
Solar radiation absolute max. / month date:		7264	Whr /	m ² /day
Solar radiation absolute min. / month date:		3502	Whr /	m ² /day

TEMPERATURE				
Temperature monthly average		29.2		°C
Temperature monthly max. average		33.0		°C
Temperature absolute max. date / time:	8-Jun	11:47	34.4	°C
Temperature monthly min. average		27.2		°C
Temperature absolute min. date / time:	6-Jun	6:24	24.8	°C
Relative humidity monthly average		74.7		%

WIND				
Wind speed monthly average		14.2		kts
Wind speed average max.		27.6		kts
Wind speed absolute max. date / time:	30-Jun	9:34	34	kts
Wind vector monthly average		98		°
Wind energy potential total *		176	KWhr /	m ²
Wind energy monthly average *		5879	Whr /	m ² /day
Wind energy potential maximum * date:	30-Jun		8648	Whr / m ² /day
Wind energy potential minimum * date:	25-Jun		3276	Whr / m ² /day

REMARKS
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

