

METEOROLOGICAL DEPARTMENT CURAÇAO CLIMATOLOGICAL SUMMARY

May 2016

Station: HATO, Airport

RAIN			
Rainfall total		2.3	mm
Rainfall percentage total / (long-term average)		-89	%
Rainfall 24 hour's maximum date:	27-May	1.9	mm
Rainfall amount of days \geq 1.0 mm		1	
Hours with rainfall		6	hrs
Hours with rainfall percentage / (long-term average)		-74	
Rainfall cumulative	January till May	21.6	mm
Rainfall percentage cumulative / (long-term average)		-84	%

EVAPORATION			
Evaporation daily average		8.0	mm
Evaporation monthly total		249	mm
Evaporation maximum / month date:	24-May	11.5	mm

SUNSHINE				
Sunshine duration monthly average		7	49	hrs min
Sunshine percentage total / normal		-9.3		%
Sunshine absolute max. / month date:	7-May	11	30	hrs min
Sunshine absolute min. / month date:	1-May	0	18	hrs min
Solar radiation monthly average		5280	Whr /	m ² /day
Solar radiation absolute max. / month date:		7067	Whr /	m ² /day
Solar radiation absolute min. / month date:		2763	Whr /	m ² /day

TEMPERATURE				
Temperature monthly average		28.9		°C
Temperature monthly max. average		32.5		°C
Temperature absolute max. date / time:	6-May	12:43	34.6	°C
Temperature monthly min. average		27.1		°C
Temperature absolute min. date / time:	27-May	1:59	25.7	°C
Relative humidity monthly average		77.8		%

WIND				
Wind speed monthly average		13.5		kts
Wind speed average max.		25.6		kts
Wind speed absolute max. date / time:	1-May	18:10	31	kts
Wind vector monthly average		96		°
Wind energy potential total *		160	KWhr /	m ²
Wind energy monthly average *		5167	Whr /	m ² /day
Wind energy potential maximum * date:	24-May		9144	Whr / m ² /day
Wind energy potential minimum * date:	7-May		2386	Whr / m ² /day

REMARKS
The monthly absolute maximum, absolute minimum and minimum average temperature 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

