

METEOROLOGICAL DEPARTMENT CURAÇAO CLIMATOLOGICAL SUMMARY

January 2015

Station: HATO, Airport

RAIN			
Rainfall total		37.7	mm
Rainfall percentage total /(long-term average)		-24	%
Rainfall 24 hour's maximum date:	12-Jan-15	7.4	mm
Rainfall amount of days >= 1.0 mm		10	day(s)
Hours with rainfall		40	hrs
Hours with rainfall percentage / (long-term average)		-34	%
Rainfall cumulative	January till January	37.7	mm
Rainfall percentage cumulative / (long-term average)		-24	%

EVAPORATION			
Evaporation daily average		5.9	mm
Evaporation monthly total		184.1	mm
Evaporation maximum / month date:	25-Jan-15	10.4	mm

SUNSHINE					
Sunshine duration monthly average		8	6	hrs	min
Sunshine percentage total / normal		7.4		%	
Sunshine absolute max. / month date:	28-Jan-15	10	54	hrs	min
Sunshine absolute min. / month date:	19-Jan-15	5	36	hrs	min
Solar radiation monthly average		-	Whr /	m ²	/day
Solar radiation absolute max. / month date:		-	Whr /	m ²	/day
Solar radiation absolute min. / month date:		-	Whr /	m ²	/day

TEMPERATURE					
Temperature monthly average				27.1	°C
Temperature monthly max. average				30.6	°C
Temperature absolute max. date / time:	26-Jan-15	13:06		32.4	°C
Temperature monthly min. average				24.6	°C
Temperature absolute min. date / time:	7-Jan-15	6:09		22.6	°C
Relative humidity monthly average				78.0	%

WIND					
Wind speed monthly average				11.0	kts
Wind speed average max.				23.3	kts
Wind speed absolute max. date / time:	3-Jan-15	16:56		32	kts
Wind vector monthly average				102	10.8 Kts
Wind energy potential total *				85	KWhr / m ²
Wind energy monthly average *				2763	Whr / m ² /day
Wind energy potential maximum * date:	2-Jan-15			5293	Whr / m ² /day
Wind energy potential minimum * date:	19-Jan-15			401	Whr / m ² /day

REMARKS					
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* 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

