

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

January 2016

Station: HATO, Airport

RAIN			
Rainfall total		8.0	mm
Rainfall percentage total /(long-term average)		-83	%
Rainfall 24 hour's maximum date:	20-Jan	3.6	mm
Rainfall amount of days \geq 1.0 mm		2	
Hours with rainfall		11	hrs
Hours with rainfall percentage / (long-term average)		-82	
Rainfall cumulative	January till January	8.0	mm
Rainfall percentage cumulative / (long-term average)		-83	

EVAPORATION			
Evaporation daily average		6.6	mm
Evaporation monthly total		204.5	mm
Evaporation maximum / month date:	25-Jan	16.6	mm

SUNSHINE				
Sunshine duration monthly average		9	16	hrs min
Sunshine percentage total / normal		9.2		%
Sunshine absolute max. / month date:	16-Jan	10	42	hrs min
Sunshine absolute min. / month date:	3-Jan	2	24	hrs min
Solar radiation monthly average		4654	Whr /	m ² /day
Solar radiation absolute max. / month date:		5958	Whr /	m ² /day
Solar radiation absolute min. / month date:		2829	Whr /	m ² /day

TEMPERATURE				
Temperature monthly average		26.6		°C
Temperature monthly max. average		30.1		°C
Temperature absolute max. date / time:	23-Jan	12:14	31.5	°C
Temperature monthly min. average		24.5		°C
Temperature absolute min. date / time:	20-Jan	5:39	22.7	°C
Relative humidity monthly average		79.1		%

WIND				
Wind speed monthly average		11.5		kts
Wind speed average max.		23.8		kts
Wind speed absolute max. date / time:	27-Jan	14:38	33	kts
Wind vector monthly average		116		°
Wind energy potential total *		109	KWhr /	m ²
Wind energy monthly average *		3501	Whr /	m ² /day
Wind energy potential maximum * date:	27-Jan	9178	Whr /	m ² /day
Wind energy potential minimum * date:	14-Jan	590	Whr /	m ² /day

REMARKS
Rainfall was extremely low in comparison with 30 year average.

* 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

