

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

February 2015

Station: HATO, Airport

RAIN			
Rainfall total		15.4	mm
Rainfall percentage total /(long-term average)		-47	%
Rainfall 24 hour's maximum date:	22-Feb-15	3.3	mm
Rainfall amount of days >= 1.0 mm		3	day(s)
Hours with rainfall		14	hrs
Hours with rainfall percentage / (long-term average)		-64	%
Rainfall cumulative	January till February	53.1	mm
Rainfall percentage cumulative / (long-term average)		-33	%

EVAPORATION			
Evaporation daily average		112.5	mm
Evaporation monthly total		4	mm
Evaporation maximum / month date:	26-Feb-15	11.2	mm

SUNSHINE					
Sunshine duration monthly average		9	11	hrs	min
Sunshine percentage total / normal		4.8		%	
Sunshine absolute max. / month date:	19-Feb-15	10	54	hrs	min
Sunshine absolute min. / month date:	13-Feb-15	0	56	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				27.4	°C
Temperature monthly max. average				31.2	°C
Temperature absolute max. date / time:	10-Feb-15	11:52		32.3	°C
Temperature monthly min. average				25.3	°C
Temperature absolute min. date / time:	8-Feb-15	23:12		23.8	°C
Relative humidity monthly average				74.2	%

WIND					
Wind speed monthly average				11.6	kts
Wind speed average max.				23.2	kts
Wind speed absolute max. date / time:	5-Feb-15	14:18		30	kts
Wind vector monthly average				101.6 °	11.3 Kts
Wind energy potential total *				95	KWhr / m ²
Wind energy monthly average *				3392	Whr / m ² /day
Wind energy potential maximum * date:	5-Feb-15			6331	Whr / m ² /day
Wind energy potential minimum * date:	11-Feb-15			443	Whr / m ² /day

REMARKS

* 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

