

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

**May 2015**

**Station: HATO, Airport**

<b>RAIN</b>			
Rainfall total		3.4	mm
Rainfall percentage total /(long-term average)		-84	%
Rainfall 24 hour's maximum date:	30-May-15	3.4	mm
Rainfall amount of days >= 1.0 mm		1	day(s)
Hours with rainfall		4	hrs
Hours with rainfall percentage / (long-term average)		-83	%
Rainfall cumulative	January till May	134.6	mm
Rainfall percentage cumulative / (long-term average)		0.9	%

<b>EVAPORATION</b>			
Evaporation daily average		11.5	mm
Evaporation monthly total		333.5	mm
Evaporation maximum / month date:	10-May-15	14.8	mm

<b>SUNSHINE</b>					
Sunshine duration monthly average		6	50	hrs	min
Sunshine percentage total / normal		-18.3		%	
Sunshine absolute max. / month date:	2-May-15	9	36	hrs	min
Sunshine absolute min. / month date:	29-May-15	1	6	hrs	min
Solar radiation monthly average		-	Whr /	m <sup>2</sup>	/day
Solar radiation absolute max. / month date:		-	Whr /	m <sup>2</sup>	/day
Solar radiation absolute min. / month date:		-	Whr /	m <sup>2</sup>	/day

<b>TEMPERATURE</b>					
Temperature monthly average		27.9		°C	
Temperature monthly max. average		31.2		°C	
Temperature absolute max. date / time:	20-May-15	12:19	32.4	°C	
Temperature monthly min. average		26.2		°C	
Temperature absolute min. date / time:	30-May-15	5:57	24.6	°C	
Relative humidity monthly average		75.2		%	

<b>WIND</b>					
Wind speed monthly average		13.5		kts	
Wind speed average max.		26.6		kts	
Wind speed absolute max. date / time:	8-May-15	11:05	35	kts	
Wind vector monthly average		103 °	13.3	Kts	
Wind energy potential total *		160	KWhr /	m <sup>2</sup>	
Wind energy monthly average *		5164	Whr /	m <sup>2</sup>	/day
Wind energy potential maximum * date:	8-May-15	10136	Whr /	m <sup>2</sup>	/day
Wind energy potential minimum * date:	30-May-15	2238	Whr /	m <sup>2</sup>	/day

**REMARKS**  
Maximum average wind speed was extremely high in comparison with the 30 year.

\* 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

