

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

**April 2015**

**Station: HATO, Airport**

RAIN					
Rainfall total			15.7	mm	
Rainfall percentage total /(long-term average)			-17.8	%	
Rainfall 24 hour's maximum date:	6-Apr-15		14.6	mm	
Rainfall amount of days >= 1.0 mm			1	day(s)	
Hours with rainfall			7	hrs	
Hours with rainfall percentage / (long-term average)			-66.8	%	
Rainfall cumulative	January till April		131.2	mm	
Rainfall percentage cumulative / (long-term average)			17	%	
EVAPORATION					
Evaporation daily average			10.0	mm	
Evaporation monthly total			301	mm	
Evaporation maximum / month date:	22-Apr-15		16.0	mm	
SUNSHINE					
Sunshine duration monthly average			8	28	hrs min
Sunshine percentage total / normal			6.8		%
Sunshine absolute max. / month date:	22-Apr-15		11	6	hrs min
Sunshine absolute min. / month date:	12-Apr-15		0	30	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
TEMPERATURE					
Temperature monthly average			27.8		°C
Temperature monthly max. average			31.4		°C
Temperature absolute max. date / time:	29-Apr-15	12:54	33.2		°C
Temperature monthly min. average			25.9		°C
Temperature absolute min. date / time:	5-Apr-15	10:27	23.8		°C
Relative humidity monthly average			75.0		%
WIND					
Wind speed monthly average			13.0		kts
Wind speed average max.			23.8		kts
Wind speed absolute max. date / time:	29-Apr-15	12:36	31		kts
Wind vector monthly average			102 °	12.7	Kts
Wind energy potential total *			133		KWhr / m <sup>2</sup>
Wind energy monthly average *			4431		Whr / m <sup>2</sup> /day
Wind energy potential maximum * date:	29-Apr-15		9378		Whr / m <sup>2</sup> /day
Wind energy potential minimum * date:	5-Apr-15		2168		Whr / m <sup>2</sup> /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

