

# METEOROLOGICAL DEPARTMENT CURAÇAO CLIMATOLOGICAL SUMMARY

**February 2017**

**Station: HATO, Airport**

<b>RAIN</b>			
Rainfall total		11.1	mm
Rainfall percentage total /(long-term average)		-61	%
Rainfall 24 hour's maximum date:	1-Feb	4.8	mm
Rainfall amount of days >= 1.0 mm		2	
Hours with rainfall		17	hrs
Hours with rainfall percentage / (long-term average)		-57	%
Rainfall cumulative	January till February	107.9	mm
Rainfall percentage cumulative / (long-term average)		44	%

<b>EVAPORATION</b>			
Evaporation daily average		6.2	mm
Evaporation monthly total		173.1	mm
Evaporation maximum / month date:	28-Feb	12.0	mm

<b>SUNSHINE</b>				
Sunshine duration monthly average		9	49	hrs min
Sunshine percentage total / normal		11.2		%
Sunshine absolute max. / month date:	23-Feb	11	12	hrs min
Sunshine absolute min. / month date:	28-Feb	5	42	hrs min
Solar radiation monthly average		4952	Whr /	m <sup>2</sup> /day
Solar radiation absolute max. / month date:		7177	Whr /	m <sup>2</sup> /day
Solar radiation absolute min. / month date:		49	Whr /	m <sup>2</sup> /day

<b>TEMPERATURE</b>				
Temperature monthly average		26.7		°C
Temperature monthly max. average		29.9		°C
Temperature absolute max. date / time:	26-Feb	13:58	31.5	°C
Temperature monthly min. average		24.1		°C
Temperature absolute min. date / time:	12-Feb	3:19	21.8	°C
Relative humidity monthly average		74.3		%

<b>WIND</b>				
Wind speed monthly average		11.3		kts
Wind speed average max.		22.0		kts
Wind speed absolute max. date / time:	28-Feb	12:04	30	kts
Wind vector monthly average		87		°
Wind energy potential total *		87	KWhr /	m <sup>2</sup>
Wind energy monthly average *		3090	Whr /	m <sup>2</sup> /day
Wind energy potential maximum * date:	3-Feb		6722	Whr / m <sup>2</sup> /day
Wind energy potential minimum * date:	22-Feb		423	Whr / m <sup>2</sup> /day

**REMARKS**  
 The absolute minimum temperature was extreme below in comparison with the 30 year Climatological data.  
 Wind speed monthly average and maximum average was extremely low in comparison with the 30 year averages.

\* 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

