## METEOROLOGICAL DEPARTMENT CURAÇAO **CLIMATOLOGICAL SUMMARY**

## March 2016

Station: HATO, Airport

Rainfall total   S.0   mm   Rainfall percentage total /(long-term average)   -65   Rainfall 24 hour's maximum date:   10-Mar   5.0   mm   Rainfall 24 hour's maximum date:   10-Mar   5.0   mm   Rainfall amount of days >= 1.0 mm   1   Hours with rainfall percentage / (long-term average)   -59   Rainfall cumulative   -59   Rainfall cumulative   -59   Rainfall cumulative   -81	RAIN						
Rainfall percentage total /(long-term average)         -65         rmm         rmm         1         rmm         rmm         1         rmm         rmm         1         rmm         rmm         1         rmm				5.0	mm	<u> </u>	
Rainfall 24 hour's maximum date: 10-Mar 10						•	
Hours with rainfall		10-Mar			mm	1	
Hours with rainfall	Rainfall amount of days >= 1.0 mm			1			
Hours with rainfall percentage / (long-term average)   January till March   17.3 mm	,			9	hrs		
Rainfall cumulative   January till March   17.3   mm   -81				-59			
EVAPORATION	, , ,	January till March		17.3	mm	1	
Evaporation daily average   9.0 mm   280.4	Rainfall percentage cumulative / (long-term average)	•		-81			
Evaporation monthly total   280.4 mm   Evaporation maximum / month date:   8-Mar   11.9 mm	EVAPORATION						
SUNSHINE	Evaporation daily average			9.0	mm	)	
Sunshine duration monthly average   9   53   hrs   min	Evaporation monthly total			280.4	mm	1	
Sunshine duration monthly average   9   53	Evaporation maximum / month date:	8-Mar		11.9	mm	1	
Sunshine percentage total / normal   Sunshine absolute max. / month date:   S-Mar   11   6   hrs min   Sunshine absolute min. / month date:   10-Mar   7   6   hrs min   Solar radiation monthly average   6199   Whr / m² / day   Myr / m² / day   Solar radiation absolute max. / month date:   7313   Whr / m² / day   Solar radiation absolute min. / month date:   7313   Whr / m² / day   Whr / m² /	SUNSHINE						
Sunshine absolute max. / month date: 8-Mar   11   6   hrs min				9	53		
Sunshine absolute min. / month date: 10-Mar   7   6   hrs min	Sunshine percentage total / normal			12.5	5	9	6
Solar radiation monthly average   6199   Whr / m²   /day	Sunshine absolute max. / month date:	8-Mar		11	1 6	hr	s min
Solar radiation absolute max. / month date:   7313   Whr /   m²   /day	Sunshine absolute min. / month date:	10-Mar		7	7 6	hr	s min
TEMPERATURE	, ,			6199	Whr /	m²	/day
TEMPERATURE  Temperature monthly average Temperature monthly max. average Temperature absolute max. date / time: Temperature monthly min. average Temperature monthly min. average Temperature monthly min. average Temperature absolute min. date / time: Temperature monthly average Temperature absolute min. date / time: Temperature monthly average Temperature absolute min. date / time: Temperature monthly average Temperature absolute min. date / time: Temperature absolute min. date / t	Solar radiation absolute max. / month date:			7313	Whr /	m²	/day
Temperature monthly average Temperature monthly max. average Temperature absolute max. date / time: Temperature monthly min. average Temperature monthly min. average Temperature monthly min. average Temperature absolute min. date / time: Temperature ab	Solar radiation absolute min. / month date:			4745	Whr /	m²	/day
Temperature monthly max. average Temperature absolute max. date / time:  Temperature absolute max. date / time:  Temperature monthly min. average  Temperature absolute min. date / time:  Temperature monthly average  Temperature absolute min. date / time:  Temperature monthly average  Temperature absolute min. date / time:  Temperature monthly average  Temperature absolute min. date / time:  Temperature monthly average  Temperature absolute min. date / time:  Temperature monthly average  Temperature monthly average							
Temperature absolute max. date / time:  Temperature monthly min. average  Temperature monthly min. average  Temperature absolute min. date / time:  Temperature monthly average  Temperature monthly average  Temperature absolute min. date / time:  Temperature monthly average  Temperature average max.  Temperature monthly average monthly average  Temperature average max.  Temper				27.7			
Temperature monthly min. average Temperature absolute min. date / time: Relative humidity monthly average  To-Mar				31.2			
Temperature absolute min. date / time:  Relative humidity monthly average  Wind  Wind speed monthly average  Wind speed average max.  Wind speed absolute max. date / time:  Wind speed absolute max. date / time:  Wind vector monthly average  Wind energy potential total *  Wind energy monthly average *  Wind energy potential maximum * date:  10-Mar  5:18  24.1  °C  75.2  %  Kts  4623  Kts  Wind  Mr / m²  /day  Wind energy potential maximum * date:  10-Mar  9302  Whr / m² /day		22-Mar	12:27	_			
Relative humidity monthly average  WIND  Wind speed monthly average  Wind speed average max.  Wind speed absolute max. date / time:  Wind vector monthly average  Wind energy potential total *  Wind energy monthly average *  Wind energy potential maximum * date:  10-Mar  75.2  %  Its  Vist  Vis	,			25.7	_		
Wind speed monthly average Wind speed average max. Wind speed absolute max. date / time: Wind speed absolute max. date / time: Wind vector monthly average Wind energy potential total * Wind energy monthly average * Wind energy potential maximum * date:  13.0 kts  23.6 kts  Wind Speed absolute max. date / time:  10-Mar  13:26 33 45 33 45 4623 Whr / m² /day Wind energy potential maximum * date:  10-Mar  9302 Whr / m² /day	•	10-Mar	5:18		°C		
Wind speed monthly average Wind speed average max.  Wind speed absolute max. date / time:  10-Mar  13:26  33  kts  Wind vector monthly average  87  Wind energy potential total *  Wind energy monthly average *  Wind energy potential maximum * date:  10-Mar  13:26  33  kts  Whr / m²  /day	Relative humidity monthly average			75.2	%		
Wind speed average max.  Wind speed absolute max. date / time:  10-Mar  13:26  33  kts  Wind vector monthly average  87  Wind energy potential total *  Wind energy monthly average *  Wind energy potential maximum * date:  10-Mar  13:26  33  kts  *  *  *  *  *  *  *  *  *  *  *  *  *							
Wind speed absolute max. date / time:  Wind vector monthly average  Wind energy potential total *  Wind energy monthly average *  Wind energy potential maximum * date:  10-Mar  13:26  33  kts  *  *  *  *  *  *  *  *  *  *  *  *  *					kts		
Wind vector monthly average87°Wind energy potential total *143KWhr / m²Wind energy monthly average *4623Whr / m² /dayWind energy potential maximum * date:10-Mar9302Whr / m² /day				23.6	kts		
Wind energy potential total *  Wind energy monthly average *  Wind energy monthly average *  Wind energy potential maximum * date:  10-Mar  Wind energy potential maximum * date:  10-Mar  Wind energy potential maximum * date:  10-Mar		10-Mar	13:26				
Wind energy monthly average * 4623 Whr / m² /day Wind energy potential maximum * date: 10-Mar 9302 Whr / m² /day				87	0		
Wind energy potential maximum * date: 10-Mar 9302 Whr / m² /day				143		m²	
				4623	Whr /	m²	/day
Wind energy potential minimum * date: 7-Mar 1020 Whr / m² /day		10-Mar		9302	Whr /	m²	/day
	Wind energy potential minimum * date:	7-Mar		1020	Whr /	m²	/day

## REMARKS

All temperature parameters except for maximum average were extremly high in comparison with the 30 year average.



<sup>\*</sup> Wind energy at a height of 10 m for windspeeds of 4 m/s or more.
\*\* Sunshine duration in hrs (solar time)

<sup>\*\*\*</sup> Solar radiation (local time)

\_ Blank field - No data available