METEOROLOGICAL DEPARTMENT CURAÇAO
CLIMATOLOGICAL SUMMARY

March 2015

Station: HATO, Airport

RAIN			
Rainfall total		62.4	mm
Rainfall percentage total /(long-term average)		338	%
Rainfall 24 hour's maximum date:	20-Mar-15	21.3	mm
Rainfall amount of days >= 1.0 mm		8	day(s)
Hours with rainfall		46	hrs
Hours with rainfall percentage / (long-term average)		107	%
Rainfall cumulative	January till March	115.5	mm
Rainfall percentage cumulative / (long-term average)		25	%

EVAPORATION			
Evaporation daily average		8.1	mm
Evaporation monthly total		249.4	mm
Evaporation maximum / month date:	3-Mar-15	11.2	mm

SUNSHINE					
Sunshine duration monthly average		9	18	hrs	min
Sunshine percentage total / normal		6.2		%	
Sunshine absolute max. / month date:	22-Mar-15	11	18	hrs	min
Sunshine absolute min. / month date:	17-Mar-15	4	54	hrs	min
Solar radiation monthly average		-	Whr /	m²	/day
Solar radiation absolute max. / month date:		-	Whr /	m²	/day
Solar radiation absolute min. / month date:		-	Whr /	m²	/day

TEMPERATURE				
Temperature monthly average			27.2	°C
Temperature monthly max. average			30.7	°C
Temperature absolute max. date / time:	31-Mar-15	12:44	31.7	°C
Temperature monthly min. average			24.9	°C
Temperature absolute min. date / time:	2-Mar-15	0:46	22.8	°C
Relative humidity monthly average			72.9	%

WIND					
Wind speed monthly average			12.4	kts	
Wind speed average max.			23.6	kts	
Wind speed absolute max. date / time:	4-Mar-15	5:55	32	kts	
Wind vector monthly average			97 °	12.1 Kts	
Wind energy potential total *			126	KWhr / m²	
Wind energy monthly average *			4056	Whr / m²	/day
Wind energy potential maximum * date:	10-Mar-15		9250	Whr / m²	/day
Wind energy potential minimum * date:	22-Mar-15		744	Whr / m²	/day

REMARKS

The amount of rainfall caused by the remnants of a frontal system in the first week, is extremely high for
the month of March. Nevertheless this is not a record compared to March 1995 which had a total rainfall of 112.6 mm

* 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