METEOROLOGICAL DEPARTMENT CURAÇAO
CLIMATOLOGICAL SUMMARY

July 2015

Station: HATO, Airport

RAIN				
Rainfall total		16.1	mm	
Rainfall percentage total /(long-term average)		-61	%	
Rainfall 24 hour's maximum date:	22-Jul-15	7.7	mm	
Rainfall amount of days >= 1.0 mm		3	day(s)	
Hours with rainfall		18	hrs	
Hours with rainfall percentage / (long-term average)		-48.7	%	
Rainfall cumulative	January till July	152.8	mm	
Rainfall percentage cumulative / (long-term average)		-22.5	%	

EVAPORATION				
Evaporation daily average		9.4	mm	
Evaporation monthly total		290.7	mm	
Evaporation maximum / month date:	3-Jul-15	12.6	mm	

SUNSHINE					
Sunshine duration monthly average		9	1	hrs	min
Sunshine percentage total / normal		-2.6		%	
Sunshine absolute max. / month date:	3-Jul-15	11	16	hrs	min
Sunshine absolute min. / month date:	4-Jul-15	4	12	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			28.4	°C
Temperature monthly max. average			31.9	°C
Temperature absolute max. date / time:	31-Jul-15	13:24	33.9	°C
Temperature monthly min. average			26.4	°C
Temperature absolute min. date / time:	17-Jul-15	5:06	25.0	°C
Relative humidity monthly average			75.9	%

WIND				
Wind speed monthly average			11.9	kts
Wind speed average max.			24.3	kts
Wind speed absolute max. date / time:	1-Jul-15	10:25	30	kts
Wind vector monthly average			103 °	11.7 Kts
Wind energy potential total *			109	KWhr / m²
Wind energy monthly average *			3510	Whr / m² /day
Wind energy potential maximum * date:	26-Jul-15		5773	Whr / m² /day
Wind energy potential minimum * date:	21-Jul-15		1390	Whr / m² /day

REMARKS

Both the absolute and avergae minimum temperature exceeded the 30 year average.
Apparently the relative humidity of 75.9% in comparison to the 30 year average (78.1%) was low meaning
the atmosphere was very dry.

* 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