

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

September 2015

Station: HATO, Airport

RAIN			
Rainfall total		10.2	mm
Rainfall percentage total / (long-term average)		-79	%
Rainfall 24 hour's maximum date:	9-Sep-15	3.8	mm
Rainfall amount of days >= 1.0 mm		3	day(s)
Hours with rainfall		17	hrs
Hours with rainfall percentage / (long-term average)		-42	%
Rainfall cumulative	January till September	169.3	mm
Rainfall percentage cumulative / (long-term average)		-40	%
EVAPORATION			
Evaporation daily average		9.60	mm
Evaporation monthly total		286.4	mm
Evaporation maximum / month date:	8-Sep-15	13.00	mm
SUNSHINE			
Sunshine duration monthly average		9	34 hrs min
Sunshine percentage total / normal		11.40	%
Sunshine absolute max. / month date:	13-Sep-15	11	6 hrs min
Sunshine absolute min. / month date:	11-Sep-15	3	48 hrs min
Solar radiation monthly average		-	W hr / m ² /day
Solar radiation absolute max. / month date:		-	W hr / m ² /day
Solar radiation absolute min. / month date:		-	W hr / m ² /day
TEMPERATURE			
Temperature monthly average		29.8	°C
Temperature monthly max. average		33.6	°C
Temperature absolute max. date / time:	12-Sep-15	35.7	°C
Temperature monthly min. average		27.7	°C
Temperature absolute min. date / time:	18-Sep-15	25.6	°C
Relative humidity monthly average		75.9	%
WIND			
Wind speed monthly average		11.6	kts
Wind speed average max.		23.7	kts
Wind speed absolute max. date / time:	3-Sep-15	31	kts
Wind vector monthly average		103°	11.3 Kts
Wind energy potential total *		97	KW hr / m ²
Wind energy monthly average *		3229	W hr / m ² /day
Wind energy potential maximum * date:	3-Sep-15	4719	W hr / m ² /day
Wind energy potential minimum * date:	20-Sep-15	1903	W hr / m ² /day
REMARKS			
All Temperatures and Relative humidity were extremely high. No records were broken.			

* 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

