

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

September 2016

Station: HATO, Airport

RAIN				
Rainfall total			52.8	mm
Rainfall percentage total / (long-term average)			2.5	%
Rainfall 24 hour's maximum date:	5-Sep		19.8	mm
Rainfall amount of days >= 1.0 mm			7	day(s)
Hours with rainfall			27	hrs
Hours with rainfall percentage / (long-term average)			-7.8	%
Rainfall cumulative	January till September		115.7	mm
Rainfall percentage cumulative / (long-term average)			-59	%
EVAPORATION				
Evaporation daily average			7.1	mm
Evaporation monthly total			213.1	mm
Evaporation maximum / month date:	1-Sep		11.3	mm
SUNSHINE				
Sunshine duration monthly average			9	4 hrs min
Sunshine percentage total / normal			3.9	%
Sunshine absolute max. / month date:	27-Sep		11	12 hrs min
Sunshine absolute min. / month date:	30-Sep		0	12 hrs min
Solar radiation monthly average			5331	W hr / m ² /day
Solar radiation absolute max. / month date:			7095	W hr / m ² /day
Solar radiation absolute min. / month date:			1477	W hr / m ² /day
TEMPERATURE				
Temperature monthly average			29.3	°C
Temperature monthly max. average			33.1	°C
Temperature absolute max. date / time:	24-Sep	13:04	35.0	°C
Temperature monthly min. average			27.1	°C
Temperature absolute min. date / time:	15-Sep	7:59	25.1	°C
Relative humidity monthly average			77.4	%
WIND				
Wind speed monthly average			11.1	kts
Wind speed average max.			23.4	kts
Wind speed absolute max. date / time:	30-Sep	12:59	31	kts
Wind vector monthly average			94	°
Wind energy potential total *			92	KW hr / m ²
Wind energy monthly average *			3068	W hr / m ² /day
Wind energy potential maximum * date:	18-Sep		5127	W hr / m ² /day
Wind energy potential minimum * date:	29-Sep		237	W hr / m ² /day
REMARKS				

* 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

