

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Oktober 2015

Station: HATO, Airport

RAIN			
Rainfall total		28.2	mm
Rainfall percentage total / (long-term average)		-72	
Rainfall 24 hour's maximum date:	24-Oct-15	17.3	mm
Rainfall amount of days \geq 1.0 mm		4	day(s)
Hours with rainfall		12	hrs
Hours with rainfall percentage / (long-term average)		-74	
Rainfall cumulative	January till Oktober	197.5	mm
Rainfall percentage cumulative / (long-term average)		-49	

EVAPORATION			
Evaporation daily average		8.20	mm
Evaporation monthly total		253.3	mm
Evaporation maximum / month date:	15-Oct-15	12.30	mm

SUNSHINE				
Sunshine duration monthly average		8	38	hrs min
Sunshine percentage total / normal		9.10		%
Sunshine absolute max. / month date:	30-Oct-15	11	6	hrs min
Sunshine absolute min. / month date:	27-Oct-15	0	0	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		29.3	°C
Temperature monthly max. average		33.1	°C
Temperature absolute max. date / time:	4-Oct-15	35.4	°C
Temperature monthly min. average		27.2	°C
Temperature absolute min. date / time:	27-Oct-15	24.1	°C
Relative humidity monthly average		78.2	%

WIND			
Wind speed monthly average		11.2	kts
Wind speed average max.		22.6	kts
Wind speed absolute max. date / time:	6-Oct-15	31	kts
Wind vector monthly average		113 °	10.9 Kts
Wind energy potential total *		103	KW hr / m ²
Wind energy monthly average *		3439	W hr / m ² /day
Wind energy potential maximum * date:	6-Oct-15	6469	W hr / m ² /day
Wind energy potential minimum * date:	1-Oct-15	614	W hr / m ² /day

REMARKS

Two consecutive months of extreme temperatures in comparison with the 30 year.
This is the second month in a row with extreme temperatures in comparison with the 30 year.

* 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

