

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

November 2015

Station: HATO, Airport

RAIN			
Rainfall total		95.2	mm
Rainfall percentage total /(long-term average)		-22	%
Rainfall 24 hour's maximum date:	8-Nov-15	20.9	mm
Rainfall amount of days \geq 1.0 mm		10	day(s)
Hours with rainfall		43	hrs
Hours with rainfall percentage / (long-term average)		-39	%
Rainfall cumulative	January till November	292.7	mm
Rainfall percentage cumulative / (long-term average)		-43	%

EVAPORATION			
Evaporation daily average		6.4	mm
Evaporation monthly total		192.7	mm
Evaporation maximum / month date:	25-Nov-15	10.7	mm

SUNSHINE					
Sunshine duration monthly average		8	25	hrs	min
Sunshine percentage total / normal		7.0		%	
Sunshine absolute max. / month date:	20-Nov-15	11	0	hrs	min
Sunshine absolute min. / month date:	19-Nov-15	0	0	hrs	min
Solar radiation monthly average		-	Whr /	m ²	/day
Solar radiation absolute max. / month date:		-	Whr /	m ²	/day
Solar radiation absolute min. / month date:		-	Whr /	m ²	/day

TEMPERATURE			
Temperature monthly average		28.3	°C
Temperature monthly max. average		31.4	°C
Temperature absolute max. date / time:	4-Nov-15	33.3	°C
Temperature monthly min. average		26.2	°C
Temperature absolute min. date / time:	19-Nov-15	24.3	°C
Relative humidity monthly average		80.8	%

WIND			
Wind speed monthly average		12.0	kts
Wind speed average max.		25.4	kts
Wind speed absolute max. date / time:	10-Nov-15	33	kts
Wind vector monthly average		116 °	11.6 Kts
Wind energy potential total *		114	KWhr / m ²
Wind energy monthly average *		3809	Whr / m ² /day
Wind energy potential maximum * date:	15-Nov-15	7553	Whr / m ² /day
Wind energy potential minimum * date:	20-Nov-15	749	Whr / m ² /day

REMARKS
 The monthly windspeed average and average maximum were on the extreme side in comparison with the 30 year.
 This is the third month in a row with a extreme average minimum temperature 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

