

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

November 2016

Station: HATO, Airport

RAIN			
Rainfall total		282.3	mm
Rainfall percentage total / (long-term average)		131	%
Rainfall 24 hour's maximum date:	8-Nov	82.9	mm
Rainfall amount of days \geq 1.0 mm		16	day(s)
Hours with rainfall		72	hrs
Hours with rainfall percentage / (long-term average)		3	%
Rainfall cumulative	January till November	434.9	mm
Rainfall percentage cumulative / (long-term average)		-14	%

EVAPORATION			
Evaporation daily average		5.3	mm
Evaporation monthly total		160.2	mm
Evaporation maximum / month date:	10-Nov	9.0	mm

SUNSHINE				
Sunshine duration monthly average		6	41	hrs min
Sunshine percentage total / normal		-14.4		%
Sunshine absolute max. / month date:	16-Nov	11	6	hrs min
Sunshine absolute min. / month date:	26-Nov	0	0	hrs min
Solar radiation monthly average		4100	Whr /	m ² /day
Solar radiation absolute max. / month date:		6342	Whr /	m ² /day
Solar radiation absolute min. / month date:		405	Whr /	m ² /day

TEMPERATURE				
Temperature monthly average		28.2		°C
Temperature monthly max. average		31.2		°C
Temperature absolute max. date / time:	6-Nov	14:08	34.1	°C
Temperature monthly min. average		25.7		°C
Temperature absolute min. date / time:	8-Nov	3:23	22.9	°C
Relative humidity monthly average		82.8		%

WIND				
Wind speed monthly average		7.5		kts
Wind speed average max.		19.0		kts
Wind speed absolute max. date / time:	26-Nov	10:22	29	kts
Wind vector monthly average		89		°
Wind energy potential total *		33	KWhr /	m ²
Wind energy monthly average *		1207	Whr /	m ² /day
Wind energy potential maximum * date:	5-Nov	4237	Whr /	m ² /day
Wind energy potential minimum * date:	22-Nov	42	Whr /	m ² /day

REMARKS

The amount of rainfall for this month was extremely high. The absolute maximum temperature was extremely high and the absolute minimum was below normal in comparison with the 30 year averages. All wind speeds were below normal in comparison with the 30 year averages. The average maximum wind broke a record as one of the lowest average maximum wind observed for the month of November.

* 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

