

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 42

Week Starting: October 15, 2017

Station: Hato, Airport

Week Ending: October 21, 2017

Rain			
Rainfall total		:	2.4 mm
Rainfall 24 hour's maximum date:	October 20	:	1.7 mm
Rainfall amount of days >= 1.0 mm		:	1 days
Rainfall cumulative		:	328.3 mm
Evaporation			
Evaporation daily average		:	8.9 mm
Evaporation week total		:	62.6 mm
Evaporation maximum/week date:	October 17	:	13.4 mm
Sunshine			
Sunshine duration weekly average		:	8 55 hours:min
Sunshine absolute max./week date:	October 17	:	10 24 hours:min
Sunshine absolute min./week date:	October 19	:	3 12 hours:min
Solar radiation weekly average		:	4342 Whr/m /day
Solar radiation absolute max./week date:		:	6373 Whr/m /day
Solar radiation absolute min./week date:		:	2746 Whr/m /day
Temperature			
Temperature weekly average		:	29.4 °C
Temperature weekly maximum average		:	32.6 °C
Temp. abs. max. date/time:	October 16 10:52	:	34.3 °C
Temperature weekly minimum average		:	27.5 °C
Temp. abs. min. date/time:	October 19 9:44	:	25.4 °C
Relative humidity weekly average		:	74.6 %
Wind			
Wind speed weekly average		:	13.4 kt
Wind speed avg. max		:	27.5 kt
Wind speed abs. max. date/time:	October 20 9:09	:	30.0 kt
Wind vector weekly average		:	110 °
Wind energy potential total *		:	31 KWhr/m
Wind energy weekly average *		:	5186 Whr/m
Wind energy potential maximum * date:		:	8783 Whr/m
Wind energy potential minimum * date:		:	3163 Whr/m
Remarks			

* Wind energy at a height of 10 m for wind speeds of 4 m/s or more.

** Sunshine duration in hrs (solar time)

*** Solar radiation (local time)

__ Blank field - No data available

