

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 42

Week Starting: October 14, 2018

Station: Hato, Airport

Week Ending: October 20, 2018

Rain			
Rainfall total	:	113.0	mm
Rainfall 24 hour's maximum date:	:	49.8	mm
Rainfall amount of days \geq 1.0 mm	:	5	days
Rainfall cumulative	:	488.0	mm
Evaporation			
Evaporation daily average	:	3.2	mm
Evaporation week total	:	22.6	mm
Evaporation maximum/week date:	October 16	:	6.0 mm
Sunshine			
Sunshine duration weekly average	:	5 38	hours:min
Sunshine absolute max./week date:	October 16	:	9 54 hours:min
Sunshine absolute min./week date:	October 14	:	0 48 hours:min
Solar radiation weekly average	:	3915	Whr/m ² /day
Solar radiation absolute max./week date:	:	5504	Whr/m ² /day
Solar radiation absolute min./week date:	:	2308	Whr/m ² /day
Temperature			
Temperature weekly average	:	27.8	°C
Temperature weekly maximum average	:	30.7	°C
Temp. abs. max. date/time:	October 16 12:47	:	31.9 °C
Temperature weekly minimum average	:	24.8	°C
Temp. abs. min. date/time:	October 14 2:09	:	21.5 °C
Relative humidity weekly average	:	79.7	%
Wind			
Wind speed weekly average	:	9.9	kt
Wind speed avg. max	:	24.9	kt
Wind speed abs. max. date/time:	October 14 0:44	:	31.0 kt
Wind vector weekly average	:	94	°
Wind energy potential total *	:	13	KWhr/m ²
Wind energy weekly average *	:	1896	Whr/m ²
Wind energy potential maximum * date:	:	4663	Whr/m ²
Wind energy potential minimum * date:	:	174	Whr/m ²
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

