

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 33

Week Starting: August 12, 2018

Station: Hato, Airport

Week Ending: August 18, 2018

Rain			
Rainfall total		:	3.6 mm
Rainfall 24 hour's maximum date:	August 15	:	3.6 mm
Rainfall amount of days ≥ 1.0 mm		:	1 days
Rainfall cumulative		:	228.8 mm
Evaporation			
Evaporation daily average		:	8.3 mm
Evaporation week total		:	57.9 mm
Evaporation maximum/week date:	August 12	:	9.7 mm
Sunshine			
Sunshine duration weekly average		:	9 23 hours:min
Sunshine absolute max./week date:	August 17	:	11 18 hours:min
Sunshine absolute min./week date:	August 15	:	3 36 hours:min
Solar radiation weekly average		:	10364 Whr/m ² /day
Solar radiation absolute max./week date:		:	25277 Whr/m ² /day
Solar radiation absolute min./week date:		:	5553 Whr/m ² /day
Temperature			
Temperature weekly average		:	28.8 °C
Temperature weekly maximum average		:	32.4 °C
Temp. abs. max. date/time:	August 16 12:56	:	34.0 °C
Temperature weekly minimum average		:	26.6 °C
Temp. abs. min. date/time:	August 15 3:37	:	24.6 °C
Relative humidity weekly average		:	71.6 %
Wind			
Wind speed weekly average		:	12.5 kt
Wind speed avg. max		:	23.6 kt
Wind speed abs. max. date/time:	August 15 3:25	:	27.0 kt
Wind vector weekly average		:	102 °
Wind energy potential total *		:	24 KWhr/m ²
Wind energy weekly average *		:	3361 Whr/m ²
Wind energy potential maximum * date:		:	4777 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

