

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 3

Week Starting: January 12, 2020

Station: Hato, Airport

Week Ending: January 18, 2020

Rain			
Rainfall total	:	25.9	mm
Rainfall 24 hour's maximum date:	:	9.6	mm
Rainfall amount of days >= 1.0 mm	:	4	days
Rainfall cumulative	:	51.4	mm
Evaporation			
Evaporation daily average	:	5.7	mm
Evaporation week total	:	39.6	mm
Evaporation maximum/week date:	January 12	:	8.2 mm
Sunshine			
Sunshine duration weekly average	:	8 39	hours:min
Sunshine absolute max./week date:	January 12	:	9 54 hours:min
Sunshine absolute min./week date:	January 13	:	7 42 hours:min
Solar radiation weekly average	:	4602	Whr/m ² /day
Solar radiation absolute max./week date:	:	4906	Whr/m ² /day
Solar radiation absolute min./week date:	:	3988	Whr/m ² /day
Temperature			
Temperature weekly average	:	26.9	°C
Temperature weekly maximum average	:	29.6	°C
Temp. abs. max. date/time:	January 12 13:54	:	30.2 °C
Temperature weekly minimum average	:	24.4	°C
Temp. abs. min. date/time:	January 14 4:42	:	23.1 °C
Relative humidity weekly average	:	74.6	%
Wind			
Wind speed weekly average	:	14.2	kt
Wind speed avg. max	:	30.4	kt
Wind speed abs. max. date/time:	January 12 22:39	:	37.0 kt
Wind vector weekly average	:	101	°
Wind energy potential total *	:	39	KWhr/m ²
Wind energy weekly average *	:	5601	Whr/m ²
Wind energy potential maximum * date:	:	6955	Whr/m ²
Wind energy potential minimum * date:	:	4162	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

