

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 39

Week Starting: September 22, 2019

Station: Hato, Airport

Week Ending: September 28, 2019

Rain			
Rainfall total		20.2	mm
Rainfall 24 hour's maximum date:	September 22	16.9	mm
Rainfall amount of days >= 1.0 mm		2	days
Rainfall cumulative		133.3	mm
Evaporation			
Evaporation daily average		7.0	mm
Evaporation week total		48.8	mm
Evaporation maximum/week date:	September 26	12.6	mm
Sunshine			
Sunshine duration weekly average		9 27	hours:min
Sunshine absolute max./week date:	September 28	11 12	hours:min
Sunshine absolute min./week date:	September 22	7 24	hours:min
Solar radiation weekly average		30072	Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		40473	Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		13544	Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		29.3	°C
Temperature weekly maximum average		33.1	°C
Temp. abs. max. date/time:	September 25 12:58	34.9	°C
Temperature weekly minimum average		26.1	°C
Temp. abs. min. date/time:	September 25 21:47	24.5	°C
Relative humidity weekly average		73.3	%
Wind			
Wind speed weekly average		6.8	kt
Wind speed avg. max		20.3	kt
Wind speed abs. max. date/time:	September 25 21:13	37.0	kt
Wind vector weekly average		96	°
Wind energy potential total *		8	KWhr/m <sup>2</sup>
Wind energy weekly average *		1283	Whr/m <sup>2</sup>
Wind energy potential maximum * date:		3244	Whr/m <sup>2</sup>
Wind energy potential minimum * date:		220	Whr/m <sup>2</sup>
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

