

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 38

Week Starting: September 16, 2018

Station: Hato, Airport

Week Ending: September 22, 2018

Rain			
Rainfall total		0.7	mm
Rainfall 24 hour's maximum date:	September 21	0.7	mm
Rainfall amount of days $\geq$ 1.0 mm		0	days
Rainfall cumulative		246.1	mm
Evaporation			
Evaporation daily average		8.8	mm
Evaporation week total		61.5	mm
Evaporation maximum/week date:	September 16	12.6	mm
Sunshine			
Sunshine duration weekly average		9 48	hours:min
Sunshine absolute max./week date:	September 19	10 48	hours:min
Sunshine absolute min./week date:	September 17	9 0	hours:min
Solar radiation weekly average		4977	Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		5561	Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		4240	Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		29.5	°C
Temperature weekly maximum average		33.5	°C
Temp. abs. max. date/time:	September 16 11:04	34.9	°C
Temperature weekly minimum average		27.5	°C
Temp. abs. min. date/time:	September 22 5:35	27.2	°C
Relative humidity weekly average		72.2	%
Wind			
Wind speed weekly average		12.8	kt
Wind speed avg. max		24.6	kt
Wind speed abs. max. date/time:	September 20 23:30	28.0	kt
Wind vector weekly average		106	°
Wind energy potential total *		27	KWhr/m <sup>2</sup>
Wind energy weekly average *		3804	Whr/m <sup>2</sup>
Wind energy potential maximum * date:		6154	Whr/m <sup>2</sup>
Wind energy potential minimum * date:		105	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

