

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 40

Week Starting: September 30, 2018

Station: Hato, Airport

Week Ending: October 06, 2018

Rain			
Rainfall total	:	82.7	mm
Rainfall 24 hour's maximum date:	:	74.1	mm
Rainfall amount of days $\geq$ 1.0 mm	:	2	days
Rainfall cumulative	:	340.8	mm
Evaporation			
Evaporation daily average	:	5.3	mm
Evaporation week total	:	37.2	mm
Evaporation maximum/week date:	October 01	7.3	mm
Sunshine			
Sunshine duration weekly average	:	5 50	hours:min
Sunshine absolute max./week date:	October 06	9 42	hours:min
Sunshine absolute min./week date:	October 05	0 0	hours:min
Solar radiation weekly average	:	3439	Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:	:	4433	Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:	:	1307	Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average	:	28.8	°C
Temperature weekly maximum average	:	31.9	°C
Temp. abs. max. date/time:	September 30 11:13	33.5	°C
Temperature weekly minimum average	:	26.5	°C
Temp. abs. min. date/time:	October 5 8:16	23.0	°C
Relative humidity weekly average	:	77.2	%
Wind			
Wind speed weekly average	:	10.9	kt
Wind speed avg. max	:	24.3	kt
Wind speed abs. max. date/time:	September 30 7:13	37.0	kt
Wind vector weekly average	:	106	°
Wind energy potential total *	:	16	KWhr/m <sup>2</sup>
Wind energy weekly average *	:	2713	Whr/m <sup>2</sup>
Wind energy potential maximum * date:	:	4329	Whr/m <sup>2</sup>
Wind energy potential minimum * date:	:	1044	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

