

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 43

Week Starting: October 21, 2018

Station: Hato, Airport

Week Ending: October 27, 2018

Rain			
Rainfall total	:	39.1	mm
Rainfall 24 hour's maximum date:	:	33.6	mm
Rainfall amount of days $\geq$ 1.0 mm	:	3	days
Rainfall cumulative	:	527.1	mm
Evaporation			
Evaporation daily average	:	2.9	mm
Evaporation week total	:	20.1	mm
Evaporation maximum/week date:	October 26	6.4	mm
Sunshine			
Sunshine duration weekly average	:	9 1	hours:min
Sunshine absolute max./week date:	October 24	10 54	hours:min
Sunshine absolute min./week date:	October 22	3 36	hours:min
Solar radiation weekly average	:	4334	Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:	:	4935	Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:	:	3152	Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average	:	28.1	°C
Temperature weekly maximum average	:	30.7	°C
Temp. abs. max. date/time:	October 24 13:26	31.2	°C
Temperature weekly minimum average	:	25.7	°C
Temp. abs. min. date/time:	October 22 8:58	24.4	°C
Relative humidity weekly average	:	79.5	%
Wind			
Wind speed weekly average	:	9.4	kt
Wind speed avg. max	:	21.0	kt
Wind speed abs. max. date/time:	October 21 23:23	27.0	kt
Wind vector weekly average	:	93	°
Wind energy potential total *	:	10	KWhr/m <sup>2</sup>
Wind energy weekly average *	:	1640	Whr/m <sup>2</sup>
Wind energy potential maximum * date:	:	2390	Whr/m <sup>2</sup>
Wind energy potential minimum * date:	:	1137	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

