

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 42

Week Starting: October 13, 2019

Station: Hato, Airport

Week Ending: October 19, 2019

Rain			
Rainfall total		5.7	mm
Rainfall 24 hour's maximum date:	October 13	5.3	mm
Rainfall amount of days $\geq$ 1.0 mm		1	days
Rainfall cumulative		164.8	mm
Evaporation			
Evaporation daily average		5.7	mm
Evaporation week total		39.9	mm
Evaporation maximum/week date:	October 18	8.5	mm
Sunshine			
Sunshine duration weekly average		7 39	hours:min
Sunshine absolute max./week date:	October 18	10 54	hours:min
Sunshine absolute min./week date:	October 15	0 0	hours:min
Solar radiation weekly average		72995	Whr/m <sup>2</sup> /day
Solar radiation absolute max./week date:		79498	Whr/m <sup>2</sup> /day
Solar radiation absolute min./week date:		64991	Whr/m <sup>2</sup> /day
Temperature			
Temperature weekly average		29.2	°C
Temperature weekly maximum average		32.7	°C
Temp. abs. max. date/time:	October 17 13:24	33.8	°C
Temperature weekly minimum average		26.8	°C
Temp. abs. min. date/time:	October 14 5:22	26.3	°C
Relative humidity weekly average		71.8	%
Wind			
Wind speed weekly average		10.3	kt
Wind speed avg. max		20.1	kt
Wind speed abs. max. date/time:	October 17 13:21	23.0	kt
Wind vector weekly average		106	°
Wind energy potential total *		16	KWhr/m <sup>2</sup>
Wind energy weekly average *		2299	Whr/m <sup>2</sup>
Wind energy potential maximum * date:		4599	Whr/m <sup>2</sup>
Wind energy potential minimum * date:		1022	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

