

# METEOROLOGICAL DEPARTMENT CURAÇAO

## CLIMATOLOGICAL SUMMARY

Week 5

Week Starting: January 29, 2017

Station: Hato, Airport

Week Ending: February 04, 2017

Rain			
Rainfall total		:	8.7 mm
Rainfall 24 hour's maximum date:	February 01	:	4.8 mm
Rainfall amount of days $\geq$ 1.0 mm		:	2 days
Rainfall cumulative		:	104.9 mm
Evaporation			
Evaporation daily average		:	4.5 mm
Evaporation week total		:	31.8 mm
Evaporation maximum/week date:	February 02	:	9.0 mm
Sunshine			
Sunshine duration weekly average		:	8 51 hours:min
Sunshine absolute max./week date:	January 30	:	10 24 hours:min
Sunshine absolute min./week date:	January 31	:	6 12 hours:min
Solar radiation weekly average		:	3761 Whr/m /day
Solar radiation absolute max./week date:		:	5217 Whr/m /day
Solar radiation absolute min./week date:		:	3545 Whr/m /day
Temperature			
Temperature weekly average		:	26.8 °C
Temperature weekly maximum average		:	29.3 °C
Temp. abs. max. date/time:	January 30 14:19	:	29.6 °C
Temperature weekly minimum average		:	24.7 °C
Temp. abs. min. date/time:	February 1 7:28	:	23.2 °C
Relative humidity weekly average		:	77.2 %
Wind			
Wind speed weekly average		:	13.2 kt
Wind speed avg. max		:	24.4 kt
Wind speed abs. max. date/time:	February 3 15:46	:	27.0 kt
Wind vector weekly average		:	93 °
Wind energy potential total *		:	28 KWhr/m
Wind energy weekly average *		:	3983 Whr/m
Wind energy potential maximum * date:		:	6722 Whr/m
Wind energy potential minimum * date:		:	217 Whr/m
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

