

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

February 2019

Station: Hato, Airport

Rain			
Rainfall total	:	4.4 (97.0)	mm
Rainfall percentage total/long-term average	:	-85 (232)	%
Rainfall 24 hour's maximum date:	February 12	:	2.0 (11.4) mm
Rainfall amount of days >= 1.0 mm		:	2 (15) days
Hours with rainfall		:	5 (79) hours
Hours with rainfall percentage/long-term average		:	-87 (102) %
Rainfall cumulative		:	7.7 (133.1) mm
Rainfall percentage cumulative/long-term average		:	-90 (69) %
Evaporation			
Evaporation daily average	:	6.6 (6.2)	mm
Evaporation monthly total		:	184.6 (174.2) mm
Evaporation maximum/month date:	February 28	:	9.4 (9.9) mm
Sunshine			
Sunshine duration monthly average		:	9 49 hours:min
Sunshine percentage total/normal		:	%
Sunshine absolute max./month date	February 10	:	11 6 hours:min
Sunshine absolute min./month date:	February 14	:	7 0 hours:min
Solar radiation monthly average		:	4869 Whr/m ² /dav
Solar radiation absolute max./month date:	February 09	:	5927 Whr/m ² /dav
Solar radiation absolute min./month date:	February 14	:	2868 Whr/m ² /dav
Temperature			
Temperature monthly average		:	26.6 (26.2) °C
Temperature monthly maximum average		:	30.0 (29.4) °C
Temp. abs. max. date/time:	February 01 14:36	:	31.2 (30.7) °C
Temperature monthly minimum average		:	24.6 (23.4) °C
Temp. abs. min. date/time:	February 26 7:45	:	23.0 (21.6) °C
Relative humidity monthly		:	71.4 (73.6) %
Wind			
Wind speed monthly average		:	12.6 (12.6) kt
Wind speed avg. max		:	23.8 (28.1) kt
Wind speed abs. max. date/time:	February 17 13:54	:	31.0 (38.0) kt
Wind vector monthly average		:	102 (93) °
Wind energy potential total *		:	115047 (#####) Whr/m ²
Wind energy monthly average *		:	4109 (4151) Whr/m ² /dav
Wind energy potential maximum * date:		:	6335 (6907) Whr/m ² /dav
Wind energy potential minimum * date:		:	1953 (817) Whr/m ² /dav
Remarks			

The rainfall total was extremely low in comparison with the 30 year average.

* 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

() Same month previous year data

