

METEOROLOGICAL DEPARTMENT CURAÇAO CLIMATOLOGICAL SUMMARY

Week 20

Week Starting:	11 May	2015
Week Ending:	17 May	2015

Station: HATO, Airport

				Extremes **		
RAIN			DATE	TIME	Minimum	Maximum
Rainfall total	0.0	mm	-	-	0 mm	101.6 mm
Rainfall percentage total / (long-term average)	-	-	-	-	-	-
Rainfall 24 hour's maximum	0.0	mm	-	-	0 mm	65.8 mm
Rainfall amount of days >= 1.0 mm	0		-	-	-	-
Hours with rainfall	0	hrs	-	-	-	-
Hours with rainfall percentage / (long-term average)	-	-	-	-	-	-
Rainfall cumulative	138.9	mm	-	-	-	-
Rainfall percentage cumulative / (long-term average)	-	-	-	-	-	-
TEMPERATURE						
Temperature weekly average	27.8	°C	-	-	27.2 °C	29.4 °C
Temperature weekly max. average	31.0	°C	-	-	30.6 °C	33.4 °C
Temperature absolute max.	31.3	°C	17-May-15	13:46	31.9 °C	36 °C
Temperature weekly min. average	26.2	°C	-	-	25.4 °C	27.8 °C
Temperature absolute min.	25.9	°C	16-May-15	5:41	21.6 °C	26.4 °C
Relative humidity weekly average	74.4	%	-	-	64 %	84 %
WIND						
Wind speed weekly average	14.0	kts	-	-	2.2 kts	15.3 kts
Wind speed average max.	27.6	kts	-	-	20.7 kts	28.91 kts
Wind speed absolute max.	30	kts	11-May-15	13:57	26.8 kts	38.8 kts
Wind vector weekly average	102	°	-	-	78 °	101 °
Wind energy potential total *	38,862	KWhr / m ²	-	-	-	-
Wind energy weekly average *	5552	Whr / m ² /day	-	-	-	-
Wind energy potential maximum *	7453	Whr / m ² /day	12-May-15	-	-	-
Wind energy potential minimum *	4395	Whr / m ² /day	16-May-15	-	-	-
EVAPORATION						
Evaporation daily average	12.09	mm	-	-	-	-
Evaporation weekly total	84.66	mm	-	-	-	-
Evaporation maximum	13.45	mm	14-May-15	-	-	-
SUNSHINE						
Sunshine duration weekly average	6 hrs	27 min	-	-	-	-
Sunshine percentage total / normal	-34.10 %		-	-	-	-
Sunshine absolute max.	9 hrs	36 min	11-May-15	-	-	-
Sunshine absolute min.	4 hrs	18 min	15-May-15	-	-	-
Solar radiation weekly average	-	Whr / m ² /day	-	-	-	-
Solar radiation absolute max.	-	Whr / m ² /day	-	-	-	-
Solar radiation absolute min.	-	Whr / m ² /day	-	-	-	-
REMARKS						

* Wind energy at a height of 10 m for windspeeds of 4 m/s or more.

** Extremes based on monthly data (30 years)

*** Sunshine duration in hrs (solar time)

**** Solar radiation (local time)

