

METEOROLOGICAL DEPARTMENT CURAÇAO CLIMATOLOGICAL SUMMARY

Week 22

Week Starting:	25 May	2015
Week Ending:	31 May	2015

Station: HATO, Airport

				Extremes **	
RAIN		DATE	TIME	Minimum	Maximum
Rainfall total	3.4 mm	-	-	0 mm	101.6 mm
Rainfall percentage total / (long-term average)	-	-	-	-	-
Rainfall 24 hour's maximum	3.4 mm	30-May-15	-	0 mm	65.8 mm
Rainfall amount of days >= 1.0 mm	1	-	-	-	-
Hours with rainfall	4 hrs	-	-	-	-
Hours with rainfall percentage / (long-term average)	-	-	-	-	-
Rainfall cumulative	142.3 mm	-	-	-	-
Rainfall percentage cumulative / (long-term average)	-	-	-	-	-
TEMPERATURE					
Temperature weekly average	27.8 °C	-	-	27.2 °C	29.4 °C
Temperature weekly max. average	31.1 °C	-	-	30.6 °C	33.4 °C
Temperature absolute max.	32.0 °C	28-May-15	14:10	31.9 °C	36 °C
Temperature weekly min. average	26.0 °C	-	-	25.4 °C	27.8 °C
Temperature absolute min.	24.6 °C	30-May-15	6:09	21.6 °C	26.4 °C
Relative humidity weekly average	76.7 %	-	-	64 %	84 %
WIND					
Wind speed weekly average	11.8 kts	-	-	2.2 kts	15.3 kts
Wind speed average max.	23.9 kts	-	-	20.7 kts	28.9 kts
Wind speed absolute max.	30 kts	29-May-15	11:04	26.8 kts	38.8 kts
Wind vector weekly average	103 °	-	-	78 °	101 °
Wind energy potential total *	23,243 KWhr / m ²	-	-	-	-
Wind energy weekly average *	3320 Whr / m ² / day	-	-	-	-
Wind energy potential maximum *	4411 Whr / m ² / day	31-May-15	-	-	-
Wind energy potential minimum *	2238 Whr / m ² / day	30-May-15	-	-	-
EVAPORATION					
Evaporation daily average	10.01 mm	-	-	-	-
Evaporation weekly total	70.05 mm	-	-	-	-
Evaporation maximum	13.29 mm	28-May-15	-	-	-
SUNSHINE					
Sunshine duration weekly average	5 hrs 32 min	-	-	-	-
Sunshine percentage total / normal	-35.60 %	-	-	-	-
Sunshine absolute max.	9 hrs 36 min	26-May-15	-	-	-
Sunshine absolute min.	1 hrs 6 min	29-May-15	-	-	-
Solar radiation weekly average	-	-	-	-	-
Solar radiation absolute max.	-	-	-	-	-
Solar radiation absolute min.	-	-	-	-	-
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)

