

Hato, Airport, Curacao (12°12'N, 68°58'W)

SUMMARY OF CLIMATOLOGICAL DATA, PERIOD 1981-2010

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Av. Air temperature	°C	26.6	26.7	27.2	27.8	28.4	28.6	28.5	28.9	29.1	28.6	28.0	27.2
Av. Maximum temperature	°C	29.9	30.1	30.7	31.4	32.0	32.1	32.1	32.7	32.8	32.1	31.1	30.3
Abs. Maximum temperature	°C	33.3	33.2	33.0	34.7	36.0	37.5	35.0	37.4	38.3	36.0	35.6	33.3
Av. Minimum temperature	°C	24.4	24.5	24.9	25.6	26.3	26.5	26.1	26.5	26.6	26.2	25.6	24.9
Abs. Minimum temperature	°C	21.5	20.6	21.3	22.0	21.6	22.4	22.3	21.3	21.7	21.9	22.0	21.6
Av. Air pressure (-1000)	hpa	13.7	13.8	13.2	12.3	12.1	13.2	13.5	12.6	11.6	11.1	11.3	12.8
Av. Vapour pressure	hpa	27.5	27.5	27.9	29.4	30.4	30.6	30.5	31.3	31.5	31.4	30.6	28.8
Av. Relative humidity	%	78.5	78.2	77.3	78.2	77.9	77.5	78.1	77.8	78.1	79.6	80.6	79.5
Av. Dewpoint temperature	°C	22.6	22.6	22.9	23.8	24.3	24.4	24.4	24.8	24.9	24.8	24.4	23.4
Av. Daily evaporation	mm	5.6	6.3	7.2	7.6	7.8	8.1	7.8	8.1	7.7	6.3	5.2	5.1
Av. Monthly rainfall	mm	46.0	28.8	14.1	19.4	21.3	22.4	41.3	39.7	49.1	102.0	122.4	95.5
Av. Hours with rainfall	hours	60.9	39.2	22.2	21.1	23.5	27.6	35.1	29.9	29.3	46.0	70.0	76.7
Av. Days with rain	≥ 1,0	8.5	5.5	2.5	2.4	2.2	3.3	6.3	4.6	4.7	8.1	10.9	11.4
Highest rainfall in 24 hours	mm	36.4	39.4	40.4	69.0	65.8	53.2	69.2	94.7	70.4	105.8	117.8	95.4
Av. days with thunder	days	0.1	0.2	0.2	0.4	1.1	1.0	2.2	3.0	5.1	8.7	4.7	1.1
Av. Cloud coverage	%	39.2	40.6	42.7	51.6	53.9	51.6	48.0	45.7	48.4	52.6	50.6	43.8
Av. sunshine duration	%	73.8	75.2	72.8	67.0	67.9	70.8	73.3	78.2	71.6	67.4	67.6	69.8
Av. sunshine duration	hrs *	264.7	249.6	271.8	249.4	266.3	266.7	290.4	302.5	261.7	247.8	234.7	247.1
Av. global radiation	KWh/m2 *	151.8	150.4	182.6	172.3	185.0	180.2	193.6	189.8	180.1	160.5	135.2	140.0
Av. Wind direction	dgs	86	85	85	85	90	93	90	90	91	91	84	85
Av. Wind speed (10m)	m/s	6	7	6	6	6	7	6	6	6	5	5	6
Av. Maximum wind speed	m/s	12.7	12.8	12.4	12.1	12.7	13.6	13.3	12.5	11.8	11.4	11.7	12.5
Strongest gust	m/s	19.5	19.0	20.0	19.0	20.0	21.6	25.7	21.1	19.0	22.1	22.6	23.1

* Note: Av. Sunshine duration in hrs (solar time)

Av. Global Radiation KWh/m2 (local time)

Av. wind energy at a height of 10m for wind speeds of 4 m/s or more.

Av. Seawater temperatures are 10 years average (1991-2000) obtained from the