

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

SUMMARY OF CLIMATOLOGICAL DATA, PERIOD 1991-2020

ELEMENT		jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec	Year
Av. Air temperature	°C	26.7	26.8	27.2	27.8	28.5	28.7	28.6	29.1	29.3	28.8	28.0	27.3	28.1
Av. Maximum temperature	°C	30.0	30.3	30.7	31.4	31.9	32.1	32.2	32.8	33.0	32.3	31.2	30.3	31.5
Abs. Maximum temperature	°C	33.3	32.8	33.2	34.2	36.1	36.6	35.3	37.4	38.3	36.9	34.6	33.3	35.2
Av. Minimum temperature	°C	24.5	24.6	25.0	25.7	26.4	26.5	26.3	26.7	26.8	26.4	25.6	25.0	25.8
Abs. Minimum temperature	°C	19.2	21.4	20.7	22.0	22.4	22.4	22.3	21.7	22.0	21.2	22.0	20.2	21.5
Av. Air pressure (-1000)	hpa	13.9	14.0	13.5	12.7	12.5	13.4	13.6	12.7	11.6	11.1	11.1	12.9	12.8
Av. Vapour pressure	hpa	27.5	27.1	27.6	28.9	30.0	30.0	30.0	30.7	30.9	30.8	30.1	28.4	29.3
Av. Relative humidity	%	78.4	76.9	76.8	77.3	77.4	76.9	77.3	76.7	76.8	78.5	80.1	79.2	77.7
Av. Dewpoint temperature	°C	22.6	22.5	22.7	23.6	24.2	24.2	24.2	24.6	24.8	24.7	24.3	23.3	23.8
Av. Daily evaporation	mm	5.6	7.8	7.3	7.9	7.9	8.1	8.0	8.2	7.9	6.6	5.4	5.2	7.2
Av. Monthly rainfall	mm	49.5	24.5	17.6	15.8	15.3	21.8	36.5	27.7	43.0	90.9	141.0	86.4	570.0
Av. Hours with rainfall	hours	45.4	23.1	15.1	10.8	9.9	15.7	23.6	16.1	17.2	31.4	58.1	52.2	318.6
Av. Days with rain ≥ 1,0		9.1	5.0	3.1	2.1	2.0	3.8	5.6	3.4	4.1	7.6	10.8	9.8	66.5
Highest rainfall in 24 hours	mm	189	38.7	40.2	69	65.8	53.2	69.2	44.8	54.4	79.4	106.8	95.4	75.5
Av.days with thunder	days	0.1	0.0	0.1	0.4	1.0	1.0	2.1	2.7	4.7	7.8	5.3	0.9	26.1
Av. Cloud coverage	%	40.2	39.4	44.3	52.4	54.5	52.7	48.5	46.3	49.1	53.8	52.1	44.0	48.1
Av.sunshine duration	%	76.1	76.4	73.0	69.2	67.1	70.3	74.7	78.8	74.1	69.3	68.6	71.6	72.4
Av. Sunshine duration mensis	%	75.6	77.8	74.2	69.4	67.4	70.6	74.8	79.0	74.0	69.0	68.3	72.0	72.7
Av.sunshine duration	hrs*	271.2	257.8	273.2	257.4	264.1	270.7	295.7	305.7	270.8	254.8	238.0	254.2	267.8
Av. Global Radiation	KWh/m2	144.6	145.0	180.5	174.4	181.0	179.3	189.5	187.2	177.4	156.8	132.8	138.0	165.5
Av. Wind direction	dgs	97.8	90.1	88.6	90.2	93.8	96.3	94.7	95.1	95.5	94.9	90.9	90.9	93.2
Av. Wind speed (10m)	kt	11.3	12.2	11.9	11.8	12.4	12.7	11.8	11.4	10.5	9.5	9.7	11.2	11.4
Av. Maximum wind speed	kt	16.6	17.4	17.3	17.1	17.8	18.3	17.6	16.3	14.9	14.3	14.0	16.3	16.5
Strongest gust	kt	41.0	38.0	49.0	33.0	36.0	41.0	38.0	36.0	48.0	34.0	35.0	39.0	39.0

* 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