



DEPARTAMENTO METEOROLOGICO ARUBA

SUMMARY CLIMATOLOGICAL NORMALS, PERIOD 1981 - 2010

Beatrix Airport Aruba (12°30'N, 70°01'W)

Element	UNIT	JAN	FEB	MRT	APR	MEI	JUN	JUL	AUG	SEP	OKT	NOV	DEC	YEAR
Air temperature	°C	26.7	26.8	27.2	27.9	28.5	28.7	28.6	29.1	29.2	28.7	28.1	27.2	28.1
Av. max. temperature	°C	30.0	30.4	30.9	31.5	32.0	32.2	32.0	32.6	32.7	32.1	31.3	30.4	31.5
Abs. max. temperature	°C	32.5	33.0	33.9	34.4	34.7	35.2	35.2	36.1	36.5	35.4	34.2	33.3	36.5
Av. min. temperature	°C	24.5	24.7	25.0	25.8	26.5	26.7	26.4	26.8	26.9	26.4	25.8	25.0	25.9
Abs. min. temperature	°C	21.3	20.6	21.4	21.9	23.2	22.8	21.6	21.3	22.1	21.9	22.0	21.4	20.6
Av. wetbulb temperature	°C	~	~	~	~	~	~	~	~	~	~	~	~	~
Av dew-point temperature	°C	22.4	22.2	22.5	23.4	24.2	24.4	24.3	24.4	24.6	24.6	24.1	23.1	23.7
Seawater temperature	°C	~	~	~	~	~	~	~	~	~	~	~	~	~
Air pressure * (+1000)	mb	13.0	12.9	12.3	11.5	11.3	12.1	12.6	11.6	10.8	10.4	10.5	12.1	11.8
Vapor pressure	mb	27.2	26.8	27.3	28.9	30.3	30.5	30.4	30.6	31.1	30.9	30.0	28.3	29.4
Relative Humidity	%	77.5	76.1	75.7	77.1	77.9	77.4	77.8	76.2	76.8	78.6	79.1	78.4	77.4
Monthly rainfall	mm	39.3	20.6	8.7	11.6	16.3	18.7	31.7	25.8	45.5	77.8	94.0	81.8	471.7
Hours with rainfall		41.8	24.1	11.1	9.2	11.8	13.5	25.4	16.5	17.3	31.6	51.3	52.6	291.0
Days with rainfall ≥ 1.0 mm		8.4	5.0	1.8	1.9	2.2	2.8	4.9	4.3	3.9	7.4	10.6	11.4	64.6
Highest rainfall in 24 hrs.	mm	47.8	43.0	59.0	35.5	78.7	62.5	78.8	34.6	196.6	101.6	126.0	71.8	196.6
Days with thunder		0.0	0.0	0.0	0.1	1.1	0.8	2.1	2.0	3.3	6.1	2.8	0.6	17.9
Cloud Coverage	%	36.8	38.0	40.7	51.7	54.1	52.0	50.3	45.9	50.3	53.4	50.4	44.2	47.3
Sunshine duration	%	~	~	~	~	~	~	~	~	~	~	~	~	~
Sunshine duration	hrs	~	~	~	~	~	~	~	~	~	~	~	~	~
Wind direction	deg													
Wind speed	m/s	7.0	7.6	7.7	7.7	8.0	8.7	8.1	7.8	6.8	5.8	5.8	6.4	7.3
Av. max windspeed	m/s	14.3	15.0	14.9	14.9	15.0	16.2	15.8	15.1	13.8	12.6	12.7	13.6	14.5
Strongest windgust	m/s	21.6	22.6	21.9	20.0	21.1	21.4	28.8	23.0	22.6	21.1	20.6	19.5	28.8
Pesistency of the wind	%	~	~	~	~	~	~	~	~	~	~	~	~	~

x) 1000 mb should be added to these values

1 knot= 1.151 mph= 1.85 km/h=0.514 m/sec

~ Meaning data not Available