



DEPARTAMENTO METEOROLOGICO ARUBA

SUMMARY CLIMATOLOGICAL NORMALS, PERIOD 1951 - 1980

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	26.4	26.6	27.0	27.5	28.2	28.4	28.4	28.8	28.9	28.7	27.9	26.9	27.8
Av. max. temperature	°C	29.8	30.3	30.7	31.8	31.9	32.1	31.8	32.3	32.7	32.0	31.0	30.3	31.4
Abs. max. temperature	°C	31.9	32.9	33.5	34.4	34.9	34.8	35.3	35.3	34.8	34.5	35.0	34.8	35.3
Av. min. temperature	°C	24.1	24.2	24.6	25.2	26.1	26.2	26.0	26.3	26.4	26.1	25.3	24.6	25.4
Abs. min. temperature	°C	20.3	20.6	21.2	22.0	21.8	22.7	21.2	22.6	22.2	22.6	22.1	20.5	20.3
Av. wetbulb temperature	°C	~	~	~	~	~	~	~	~	~	~	~	~	~
Av dew-point temperature	°C	21.7	21.4	22.3	22.3	23.3	23.4	23.5	23.7	24.1	24.1	23.7	22.7	23.0
Seawater temperature	°C	25.8	25.4	25.6	26.4	26.5	26.8	26.9	27.5	28.1	28.0	27.8	26.9	26.8
Air pressure * (+1000)	mb	12.9	12.8	12.4	12.0	11.6	12.0	12.6	11.8	10.9	10.2	10.3	12.0	11.8
Vapor pressure	mb	25.9	25.1	25.9	27.0	28.6	28.8	28.9	29.2	29.3	30.0	29.3	27.5	28.0
Relative Humidity	%	75.9	73.7	73.6	74.1	75.3	74.9	75.7	74.8	75.1	77.2	78.8	77.5	75.6
Monthly rainfall	mm	47.1	18.9	11.4	11.6	12.8	15.6	22.2	18.6	29.9	64.5	94.0	78.9	425.5
Hours with rainfall		81.9	43.7	43.8	36.4	23.7	35.7	42.1	41.3	31.7	48.1	90.3	82.3	601.0
Days with rainfall ≥ 1.0 mm		6.7	3.4	1.8	1.6	1.5	2.7	3.4	3.0	2.6	5.4	8.4	9.0	49.5
Highest rainfall in 24 hrs.	mm	41.5	45.0	15.0	46.1	96.2	64.0	89.9	38.0	58.3	85.9	235.3	83.0	235.3
Days with thunder		0.1	0.0	0.0	0.0	0.1	1.1	0.8	1.7	3.1	5.8	2.6	0.8	16.1
Cloud Coverage	%	33.6	33.1	36.2	47.8	48.3	48.5	43.9	42.0	49.5	48.4	48.9	41.7	43.5
Sunshine duration	%	~	~	~	~	~	~	~	~	~	~	~	~	~
Sunshine duration	hrs	~	~	~	~	~	~	~	~	~	~	~	~	~
Wind direction	deg	088	087	085	082	089	091	091	092	091	092	083	084	088
Wind speed	m/s	7.1	7.4	8.0	7.8	8.3	8.5	8.4	8.0	7.1	6.0	6.1	6.2	7.4
Av. max windspeed	m/s	13.7	14.0	14.8	14.1	14.9	15.5	15.1	14.4	13.3	11.8	12.0	12.6	13.9
Strongest windgust	m/s	21.6	23.1	20.6	21.6	20.6	22.1	21.1	20.6	23.1	19.0	19.5	20.6	23.1
Pesistency of the wind	%	95.9	96.7	96.9	97.1	96.9	97.2	96.9	95.8	94.4	92.2	91.7	94.9	95.6

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