



DEPARTAMENTO METEOROLOGICO ARUBA

SUMMARY CLIMATOLOGICAL DATA 2012

		JAN	FEB	MRT	APR	MEI	JUN	JUL	AUG	SEP	OKT	NOV	DEC	YEAR
Air temperature	°C	26.6	27.0	27.3	27.9	28.7	28.8	29.2	29.7	30.1	29.0	28.9	27.8	28.4
Av. max. temperature	°C	30.0	30.6	30.8	31.9	32.1	32.5	33.1	33.5	34.1	32.1	32.3	31.1	32.0
Abs. max. temperature	°C	30.6	31.3	32.2	33.2	33.5	33.7	34.2	35.6	35.2	34.2	33.7	32.9	35.6
Av. min. temperature	°C	24.2	24.6	25.3	25.6	26.4	26.7	26.8	27.3	27.5	26.4	26.4	25.1	26.0
Abs. min. temperature	°C	22.0	22.6	22.7	23.5	23.3	24.4	24.8	24.8	23.2	23.1	24.0	22.7	22.0
Av. wetbulb temperature	°C	23.7	23.9	24.3	24.6	25.4	25.4	25.6	26.0	26.4	26.0	25.7	24.9	25.2
Av dew-point temperature	°C	22.4	22.4	22.9	23.2	24.0	23.9	24.2	24.5	25.0	24.8	24.3	23.6	23.8
Seawater temperature	°C	~	~	~	~	~	~	~	~	~	~	~	~	~
Air pressure *	mb	13.5	12.9	12.4	11.2	10.8	12.0	12.0	11.3	11.0	9.6	10.6	11.2	11.5
Vapor pressure	mb	27.1	27.1	28.0	28.4	29.8	29.7	30.2	30.7	31.6	31.3	30.4	29.3	29.5
Relative Humidity	%	78.0	76.4	77.6	75.9	76.1	75.6	74.7	74.3	74.7	78.5	76.6	78.8	76.4
Monthly rainfall	mm	56.0	21.4	17.6	25.8	64.6	1.0	7.6	17.4	19.2	115.6	43.0	138.6	527.8
Hours with rainfall		31.0	22.0	16.0	16.0	20.0	4.0	17.0	10.0	7.0	33.0	26.0	46.0	248.0
Days with rainfall ≥ 1.0 mm		10.0	6.0	5.0	4.0	5.0	0.0	2.0	3.0	3.0	10.0	8.0	13.0	69.0
Highest rainfall in 24 hrs.	mm	20.0	7.6	8.0	12.4	46.8	0.6	2.4	10.6	8.4	40.2	16.4	39.4	46.8
Days with thunder		0.0	0.0	0.0	0.0	5.0	0.0	1.0	0.0	4.0	13.0	1.0	1.0	25.0
Cloud Coverage	%	45.0	41.7	64.2	67.7	56.0	48.7	50.2	57.4	41.3	66.9	48.1	47.8	52.9
Sunshine duration	%	~	~	~	~	~	~	~	~	~	~	~	~	~
Sunshine duration	hrs	~	~	~	~	~	~	~	~	~	~	~	~	~
Wind direction	deg	076	078	073	081	083	088	083	090	080	116	075	077	083
Wind speed	m/s	6.5	7.3	8.3	6.5	7.8	8.5	7.9	7.7	7.7	7.4	5.3	5.6	7.2
Av. max windspeed	m/s	14.3	15.3	16.1	13.5	15.2	17.1	16.0	15.6	15.4	11.5	12.4	13.1	14.6
Strongest windgust	m/s	18.0	19.5	20.6	18.0	19.0	20.6	20.6	21.1	21.1	20.6	18.5	16.4	21.1
Pesistency of the wind	%	~	~	~	~	~	~	~	~	~	~	~	~	~

Note: ~ meaning data not available

x) 1000 mb should be added to these values

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