



DEPARTAMENTO METEOROLOGICO ARUBA

SUMMARY CLIMATOLOGICAL DATA 2013

		JAN	FEB	MRT	APR	MEI	JUN	JUL	AUG	SEP	OKT	NOV	DEC	YEAR
Air temperature	°C	26.8	27.3	27.9	28.4	28.9	29.2	29.4	29.6	30.1	29.6	28.4	27.8	28.6
Av. max. temperature	°C	30.0	31.0	31.6	32.4	32.7	33.3	33.2	33.7	34.0	33.5	31.9	31.3	32.4
Abs. max. temperature	°C	30.9	31.7	32.7	33.1	33.8	33.7	34.6	35.8	35.5	34.5	32.8	32.6	35.8
Av. min. temperature	°C	24.5	24.9	26.0	26.3	26.7	27.2	27.2	27.1	27.9	27.3	25.8	25.4	26.4
Abs. min. temperature	°C	22.7	23.3	24.6	24.7	25.1	26.0	26.4	24.8	24.6	24.4	23.8	22.9	22.7
Av. wetbulb temperature	°C	24.2	23.5	24.2	24.7	25.5	25.7	25.8	26.2	26.7	26.3	25.3	24.3	25.2
Av dew-point temperature	°C	23.1	21.8	22.6	23.1	24.2	24.2	24.4	24.9	25.5	25.0	24.1	22.9	23.8
Seawater temperature	°C	~	~	~	~	~	~	~	~	~	~	~	~	~
Air pressure *	mb	13.5	12.4	11.8	11.6	12.0	12.0	12.6	11.1	10.0	10.3	10.4	12.4	11.7
Vapor pressure	mb	28.2	26.1	27.4	28.3	30.1	30.2	30.6	31.5	32.6	31.7	30.0	27.9	29.6
Relative Humidity	%	80.5	72.5	73.4	73.6	76.2	74.8	75.1	76.3	76.9	76.7	77.8	75.0	75.7
Monthly rainfall	mm	95.2	17.6	2.8	6.4	10.4	3.0	8.6	15.2	18.6	25.4	47.8	44.6	295.6
Hours with rainfall		61.0	21.0	6.0	9.0	9.0	5.0	4.0	14.0	18.0	17.0	24.0	46.0	234.0
Days with rainfall ≥ 1.0 mm		10.0	6.0	1.0	3.0	3.0	2.0	2.0	5.0	5.0	4.0	5.0	13.0	59.0
Highest rainfall in 24 hrs.	mm	37.4	5.0	1.6	2.4	5.0	1.4	6.4	5.2	6.6	15.4	19.4	9.6	37.4
Days with thunder		0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	4.0	4.0	2.0	0.0	12.0
Cloud Coverage	%	44.5	37.2	61.3	56.5	64.5	62.9	47.4	53.6	59.7	59.4	42.8	42.0	52.7
Sunshine duration	%	~	~	~	~	~	~	~	~	~	~	~	~	~
Sunshine duration	hrs	~	~	~	~	~	~	~	~	~	~	~	~	~
Wind direction	deg	078	077	071	076	091	082	079	080	081	081	080	076	079
Wind speed	m/s	7.1	7.9	8.3	8.5	7.4	9.0	8.7	7.5	6.8	6.9	5.5	7.1	7.6
Av. max windspeed	m/s	15.5	15.7	15.9	16.1	15.0	17.3	16.9	15.5	14.8	14.5	12.7	14.9	15.4
Strongest windgust	m/s	22.6	19.0	18.5	19.5	18.0	19.5	21.1	19.0	19.0	17.5	17.5	18.5	22.6
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