



METEOROLOGISCHE DIENST ARUBA

SUMMARY CLIMATOLOGICAL DATA 2017

		JAN	FEB	MRT	APR	MEI	JUN	JUL	AUG	SEP	OKT	NOV	DEC	YEAR
Air temperature	°C	26.5	27.1	27.8	28.7	29.1	29.1	29.4	29.8	30.1	29.6	28.6	27.8	28.6
Av. max. temperature	°C	29.7	30.6	31.3	32.5	32.7	32.8	33.0	33.7	33.8	33.0	31.5	31.0	32.1
Abs. max. temperature	°C	30.8	31.8	32.5	33.4	33.6	33.9	33.9	35.2	35.2	35.1	32.9	32.0	35.2
Av. min. temperature	°C	24.3	24.5	25.6	26.7	27.1	27.0	27.2	27.6	27.7	27.2	26.5	25.4	26.4
Abs. min. temperature	°C	21.8	21.8	23.4	25.7	25.7	25.3	24.7	26.2	25.8	23.6	24.2	23.4	21.8
Av. wetbulb temperature	°C	23.5	23.4	24.2	25.2	25.9	25.9	25.7	26.1	26.4	26.1	25.5	24.7	25.2
Av dew-point temperature	°C	22.2	21.8	22.7	23.9	24.7	24.8	24.4	24.7	25.1	24.8	24.5	23.6	23.9
Seawater temperature	°C	27.2	26.6	26.9	~	~	~	~	~	~	~	~	~	~
Air pressure *	mb	13.6	13.4	12.9	11.4	11.8	12.1	12.6	11.4	10.3	9.9	9.5	12.3	11.8
Vapor pressure	mb	26.8	26.1	27.7	29.6	31.2	31.3	30.5	31.2	31.9	31.4	30.7	29.2	29.8
Relative Humidity	%	77.7	73.3	74.5	75.3	77.8	77.8	75.1	74.7	75.0	76.2	78.8	78.3	76.2
Monthly rainfall	mm	110.8	27.2	6.4	0.0	16.4	20.4	43.0	8.8	20.4	32.2	81.1	16.9	383.6
Hours with rainfall		50.0	19.0	13.0	0.0	2.0	14.0	16.0	6.1	5.0	10.0	19.0	48.0	202.1
Days with rainfall ≥ 1.0 mm		11.0	3.0	3.0	0.0	1.0	4.0	4.0	3.0	4.0	4.0	6.0	9.0	52.0
Highest rainfall in 24 hrs.	mm	21.6	19.2	3.2	0.0	15.8	11.4	15.0	4.4	9.6	25.0	43.7	2.7	43.7
Days with thunder		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	4.0	0.0	13.0
Cloud Coverage	%	50.8	46.3	63.6	66.9	69.9	64.5	63.6	62.0	66.3	64.9	66.6	48.6	61.2
Sunshine duration	%	~	~	~	~	~	~	~	~	~	~	~	~	~
Sunshine duration	hrs	~	~	~	~	~	~	~	~	~	~	~	~	~
Wind direction	deg	082	080	081	087	089	090	088	087	090	091	103	083	088
Wind speed	m/s	5.9	6.7	7.2	8.2	8.2	8.5	8.3	7.4	5.4	6.2	5.7	6.5	7.0
Av. max windspeed	m/s	13.9	14.2	14.4	15.6	15.8	16.6	15.9	15.1	12.6	14.0	12.3	14.0	14.5
Strongest windgust	m/s	19.5	18.0	20.6	19.5	19.5	20.1	18.0	18.5	17.0	21.1	16.4	17.5	21.1
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