



METEOROLOGISCHE DIENST ARUBA

SUMMARY CLIMATOLOGICAL DATA 2018

		JAN	FEB	MRT	APR	MEI	JUN	JUL	AUG	SEP	OKT	NOV	DEC	YEAR
Air temperature	°C	27.6	26.6	27.4	28.2	28.5	28.5	28.8	29.3	29.6	28.5	28.4	27.3	28.2
Av. max. temperature	°C	31.0	30.3	31.1	31.9	32.0	31.8	31.9	32.6	32.7	31.3	31.1	30.3	31.5
Abs. max. temperature	°C	31.9	31.2	32.0	32.5	32.7	33.6	32.8	34.2	33.9	33.4	32.3	31.5	34.2
Av. min. temperature	°C	25.5	23.9	25.2	26.1	26.6	26.4	26.3	27.1	27.3	25.8	25.6	25.0	25.9
Abs. min. temperature	°C	23.7	22.0	22.2	24.8	25.5	24.8	24.5	25.9	25.3	23.3	22.2	22.9	22.0
Av. wetbulb temperature	°C	24.5	23.4	24.3	25.0	25.5	25.7	26.1	25.3	25.9	25.4	25.2	23.9	25.0
Av dew-point temperature	°C	23.4	22.1	23.1	23.8	24.5	24.6	25.2	24.1	24.5	24.4	24.0	22.5	23.9
Seawater temperature	°C	~	~	~	~	~	~	~	~	~	~	~	~	~
Air pressure *	mb	12.0	14.6	12.0	12.5	12.2	12.8	12.9	12.5	10.1	10.2	11.0	13.7	12.2
Vapor pressure	mb	28.7	26.6	28.2	29.6	30.7	31.0	32.0	28.8	27.8	30.3	29.9	27.4	29.3
Relative Humidity	%	77.7	76.7	76.9	77.7	79.1	79.6	81.6	73.9	74.3	78.7	77.7	75.8	77.5
Monthly rainfall	mm	31.0	50.4	0.2	7.4	0.0	11.2	18.9	8.6	10.8	113.8	65.4	21.8	339.5
Hours with rainfall		27.0	58.0	1.0	1.0	0.0	7.0	13.0	6.0	8.0	57.0	46.0	24.0	248.0
Days with rainfall ≥ 1.0 mm		6.0	11.0	0.0	1.0	0.0	2.0	3.0	3.0	3.0	15.0	14.0	7.0	65.0
Highest rainfall in 24 hrs.	mm	5.0	17.5	0.0	7.4	0.0	6.6	7.2	3.6	4.4	22.4	15.8	6.2	22.4
Days with thunder		0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	3.0	10.0	0.0	0.0	15.0
Cloud Coverage	%	57.9	44.3	49.6	68.8	67.4	69.2	68.7	59.0	64.9	73.7	56.5	45.8	60.5
Sunshine duration	%	~	~	~	~	~	~	~	~	~	~	~	~	~
Sunshine duration	hrs	~	~	~	~	~	~	~	~	~	~	~	~	~
Wind direction	deg	088	080	081	085	090	088	085	087	078	084	086	092	085
Wind speed	m/s	7.6	7.6	7.7	8.3	9.3	8.9	8.3	8.8	7.3	5.2	6.1	7.2	7.7
Av. max windspeed	m/s	15.5	15.6	15.9	15.6	17.4	16.3	16.0	15.8	14.1	11.3	12.8	14.7	15.1
Strongest windgust	m/s	20.0	19.0	20.6	19.5	19.0	18.5	19.0	19.0	17.5	14.4	18.5	18.5	20.6
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