

METEO CURACAO

Princess Juliana Airport, Sint Maarten (18°03'N 63°07'W)

Summary of Climatological Data, Period 1971-2000

Element	Unit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Avg. Air Temperature	°C	25.5	25.4	25.7	26.5	27.4	28.2	28.3	28.6	28.5	28.2	27.3	26.1	27.2
Avg. Maximum Temperature	°C	28.6	28.7	29.2	29.8	30.4	31.3	31.6	31.7	31.6	31.2	30.2	29.2	30.3
Abs. Maximum Temperature	°C	32.7	31.6	32.6	33.6	33.5	33.9	34.2	35.1	34.8	34.3	33.9	32.1	35.1
Avg. Minimum Temperature	°C	23.2	23.1	23.5	24.1	25.1	25.2	26.1	26.2	26.0	25.7	24.9	23.9	24.8
Abs. Minimum Temperature	°C	18.6	19.2	19.5	19.3	20.2	22.3	22.1	21.4	22.0	22.1	21.2	20.0	18.6
Avg. Seawater Temperature	°C	26.0	25.9	25.8	26.1	27.1	27.5	27.9	28.2	28.3	28.4	28.0	27.2	27.2
Avg. Air Pressure (-1000)	hPa	16.9	17.0	16.4	15.6	15.7	17.0	17.1	15.9	14.5	13.8	13.9	15.7	15.8
Avg. Vapour Pressure	hPa	24.3	23.3	24.2	25.7	27.6	28.6	28.8	29.3	29.4	29.1	27.7	25.9	27.0
Avg. Relative Humidity	%	74.7	74.1	73.6	75.0	75.9	75.1	74.8	75.4	76.3	76.8	77.4	76.6	75.5
Avg. Dewpoint Temperature	°C	20.6	20.4	20.6	21.8	22.9	23.4	23.6	23.8	24.0	23.7	23.1	21.9	22.5
Avg. Daily Evaporation	mm	4.7	5.5	6.3	6.6	6.7	7.0	7.1	6.7	6.4	5.6	4.7	4.4	6.0
Avg. Monthly Rainfall	mm	66.0	50.7	45.2	64.0	93.3	61.8	71.6	98.8	139.6	113.0	149.3	93.8	1047.1
Avg. Hours with Rainfall	hours	62.3	50.0	45.2	42.6	54.1	35.4	60.8	65.4	62.5	77.0	81.5	68.3	705.1
Avg. Days with Rain > 1,0 mm	days	11.9	9.3	9.0	11.8	10.3	8.4	12.2	13.9	13.5	13.8	14.8	13.3	142.0
Highest Rainfall in 24 hours	mm	40.7	75.8	42.5	101.2	117.5	109.8	65.0	89.6	258.4	122.4	254.2	123.2	258.4
Avg. Days with Thunder	days	0.2	0.1	0.1	0.3	1.1	1.4	2.2	3.0	3.9	3.5	1.9	0.5	18.2
Avg. Cloud Coverage	%	37.3	39.6	37.8	41.1	49.0	47.3	46.1	45.3	47.5	45.7	44.0	40.7	43.4
Avg. Sunshine Duration	%	73.5	72.7	72.2	70.6	62.4	62.0	63.2	67.7	62.8	67.0	68.3	71.4	67.8
Avg. Sunshine Duration	hours	257.2	235.2	271.6	265.4	251.0	245.1	257.2	268.1	232.4	244.6	235.0	246.7	3009.4
Avg. Global Radiation	kWh/m ²	144.0	144.9	187.7	195.0	190.4	182.6	181.1	197.3	170.3	155.6	128.9	135.1	2013.7
Avg. Wind Direction	degrees	093	099	100	103	110	106	094	097	100	112	089	084	097
Avg. Wind Speed (at 10 m)	m/sec	4.9	4.9	4.8	4.8	4.8	5.2	5.3	5.0	4.6	4.2	4.5	4.7	4.8
Avg. Maximum Wind Speed	m/sec	11.6	11.5	11.1	10.6	10.6	11.8	12.7	11.8	11.2	10.1	11.3	11.2	11.3
Strongest Gust	m/sec	20.4	20.9	19.9	20.9	20.9	23.0	35.7	28.6	50.5	44.4	45.9	25.5	50.5
Persistency of the Wind	%	87.2	88.1	86.6	78.9	81.9	94.7	92.9	85.7	89.7	80.0	81.4	83.5	87.5

METEOROLOGICAL SERVICE NETHERLANDS ANTILLES AND ARUBA

Princess Juliana Airport, Sint Maarten (18°03'N 63°07'W)

Summary of Climatological Data, Period 1961-1990

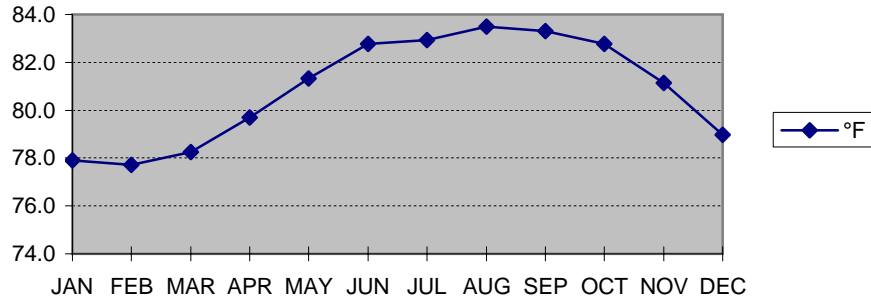
Element	Unit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Avg. Air Temperature	°F	77.9	77.7	78.3	79.7	81.3	82.8	82.9	83.5	83.3	82.8	81.1	79.0	81.0
Avg. Maximum Temperature	°F	83.5	83.7	84.6	85.6	86.7	88.3	88.9	89.1	88.9	88.2	86.4	84.6	86.5
Abs. Maximum Temperature	°F	90.9	88.9	90.7	92.5	92.3	93.0	93.6	95.2	94.6	93.7	93.0	89.8	95.2
Avg. Minimum Temperature	°F	73.8	73.6	74.3	75.4	77.2	77.4	79.0	79.2	78.8	78.3	76.8	75.0	76.6
Abs. Minimum Temperature	°F	65.5	66.6	67.1	66.7	68.4	72.1	71.8	70.5	71.6	71.8	70.2	68.0	65.5
Avg. Seawater Temperature	°F	78.8	78.6	78.4	79.0	80.8	81.5	82.2	82.8	82.9	83.1	82.4	81.0	81.0
Avg. Air Pressure (-1000)	Inches	30.03	30.03	30.01	29.99	29.99	30.03	30.03	30.00	29.96	29.94	29.94	29.99	30.00
Avg. Vapour Pressure	Inches	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8
Avg. Relative Humidity	%	75.1	74.0	73.5	74.3	75.8	75.2	75.2	75.5	76.3	77.3	77.8	76.7	75.6
Avg. Dewpoint Temperature	°F	69.1	68.7	69.1	71.2	73.2	74.1	74.5	74.8	75.2	74.7	73.6	71.4	72.5
Avg. Daily Evaporation	Inches	0.18	0.21	0.25	0.26	0.26	0.27	0.28	0.26	0.25	0.22	0.18	0.17	0.23
Avg. Monthly Rainfall	Inches	2.57	1.98	1.76	2.50	3.64	2.41	2.79	3.85	5.44	4.41	5.82	3.66	40.84
Avg. Hours with Rainfall	hours	102.5	88.7	80.8	95.5	101.7	71.6	105.8	109.9	97.4	124.6	144.7	129.9	1253.1
Avg. Days with Rain > 1,0 mm	days	10.8	9.0	8.2	8.4	11.0	9.6	12.2	14.0	13.4	14.0	13.9	13.3	137.8
Highest Rainfall in 24 hours	Inches	1.59	2.96	1.66	3.95	4.58	4.28	2.54	3.49	10.08	4.77	9.91	4.80	10.08
Avg. Days with Thunder	days	0.2	0.2	0.0	0.2	1.6	1.1	2.4	4.3	4.9	4.1	2.1	0.5	21.6
Avg. Cloud Coverage	%	40.1	41.5	40.0	44.7	52.3	51.2	50.0	48.8	49.4	48.4	46.1	43.1	46.3
Avg. Sunshine Duration	%	74.8	72.0	71.5	69.8	62.2	60.9	63.3	66.5	63.0	65.4	68.0	71.2	67.4
Avg. Sunshine Duration	hours	259.4	234.0	267.0	262.8	250.3	241.0	256.8	262.1	231.3	237.5	230.5	244.3	2977.0
Avg. Total Radiation	kWh/m ²	143.8	147.5	179.1	183.3	189.4	180.8	187.7	190.3	162.5	159.3	139.2	136.9	1999.8
Avg. Wind Speed (at 10 m)	mph	11.0	11.0	10.8	10.8	10.8	11.6	11.9	11.2	10.3	9.4	10.1	10.5	10.8
Avg. Maximum Wind Speed	mph	26.0	25.8	24.9	23.7	23.7	26.4	28.4	26.4	25.1	22.6	25.3	25.1	25.3
Strongest Gust	mph	45.7	46.8	44.6	46.8	46.8	51.5	80.0	64.1	113.1	99.5	102.8	57.1	113.1
Avg. Wind Direction	degrees	083	093	096	097	108	103	097	100	101	103	097	090	097
Persistency of the Wind	%	81	82	82	82	88	94	97	90	86	83	84	82	85

172.2 171.9 172.9 175.5 178.4 181.0 181.3 182.3 181.9 181.0 178.1 174.2 177.7

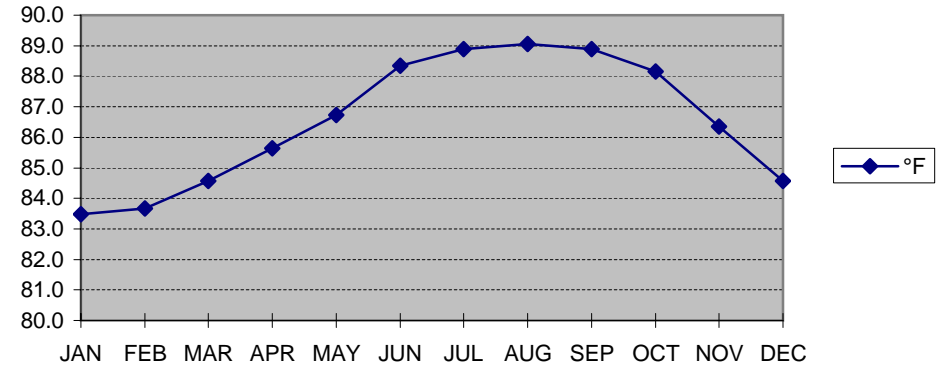
Average Temperatures in Sint Maarten

Average Maximum Temperature in Sint Maarten

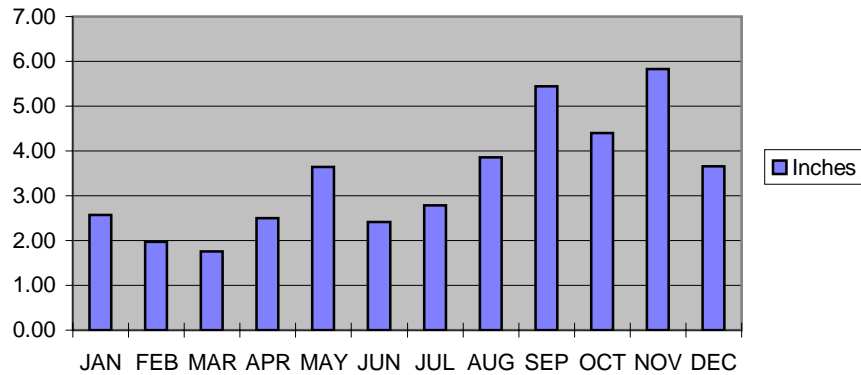
Average Temperatures in Sint Maarten



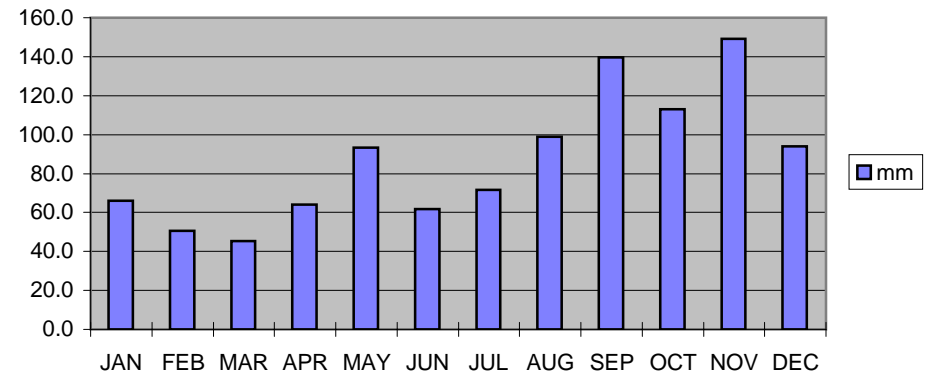
Average Maximum Temperature in Sint Maarten



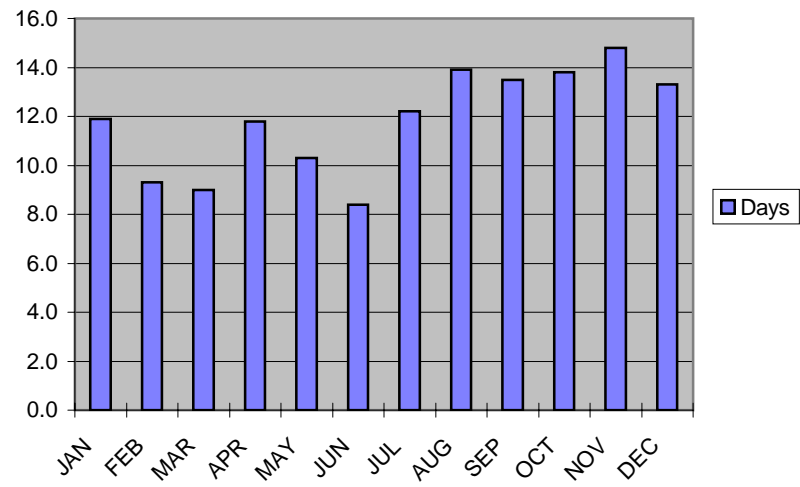
Average Monthly Rainfall in Sint Maarten



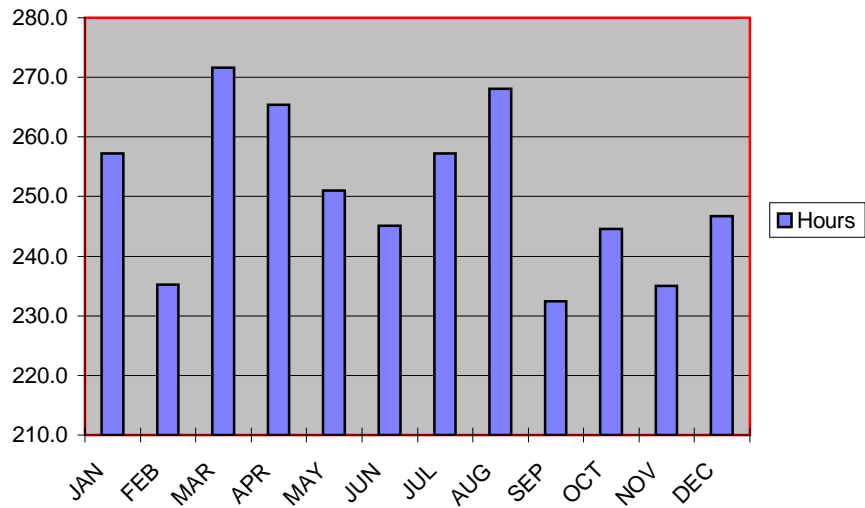
Average Monthly Rainfall in Sint Maarten



Average Days with 1 mm or more in Sint Maarten



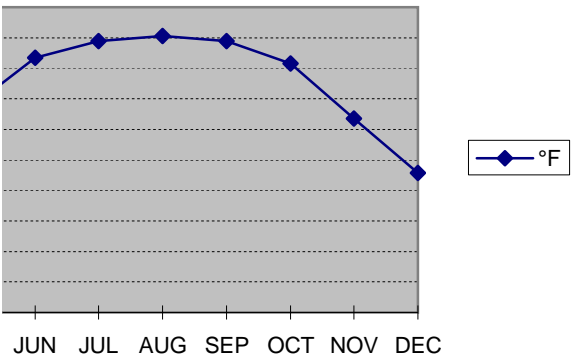
Monthly Sunshine in Sint Maarten



JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

**Maximum Temperature in
Saint Maarten**

Maximum Temperature in Sint Maarten



Monthly Rainfall in Sint Maarten

