

Met.O.617b

METEOROLOGICAL OFFICE

**TABLES OF TEMPERATURE, RELATIVE
HUMIDITY AND PRECIPITATION
FOR THE WORLD**

PART II

**CENTRAL AND SOUTH AMERICA
THE WEST INDIES
AND BERMUDA**

LONDON
HER MAJESTY'S STATIONERY OFFICE

CONVERSION TABLE — FAHRENHEIT TO CELSIUS

$$C = (F - 32) \times 5/9$$

Faint numbers are negative e.g. 30 °F = -1.1 °C and -20 °F = -28.9 °C

°F	°C	°F	°C	°F	°C	°F	°C
119	48.3	79	26.1	39	3.9	-0	17.8
118	47.8	78	25.6	38	3.3	1	18.3
117	47.2	77	25.0	37	2.8	2	18.9
116	46.7	76	24.4	36	2.2	3	19.4
115	46.1	75	23.9	35	1.7	4	20.0
114	45.6	74	23.3	34	1.1	5	20.6
113	45.0	73	22.8	33	0.6	6	21.1
112	44.4	72	22.2	32	+0.0	7	21.7
111	43.9	71	21.7	31	-0.6	8	22.2
110	43.4	70	21.1	30	1.1	9	22.8
109	42.8	69	20.6	29	1.7	10	23.3
108	42.2	68	20.0	28	2.2	11	23.9
107	41.7	67	19.4	27	2.8	12	24.4
106	41.1	66	18.9	26	3.3	13	25.0
105	40.6	65	18.3	25	3.9	14	25.6
104	40.0	64	17.8	24	4.4	15	26.1
103	39.4	63	17.2	23	5.0	16	26.7
102	38.9	62	16.7	22	5.6	17	27.2
101	38.3	61	16.1	21	6.1	18	27.8
100	37.8	60	15.6	20	6.7	19	28.3
99	37.2	59	15.0	19	7.2	20	28.9
98	36.7	58	14.4	18	7.8	21	29.4
97	36.1	57	13.9	17	8.3	22	30.0
96	35.6	56	13.3	16	8.9	23	30.6
95	35.0	55	12.8	15	9.4	24	31.1
94	34.4	54	12.2	14	10.0	25	31.7
93	33.9	53	11.7	13	10.6	26	32.2
92	33.3	52	11.1	12	11.1	27	32.8
91	32.8	51	10.6	11	11.7	28	33.3
90	32.2	50	10.1	10	12.2	29	33.9
89	31.7	49	9.4	9	12.8		
88	31.1	48	8.9	8	13.3		
87	30.6	47	8.3	7	13.9		
86	30.0	46	7.8	6	14.4		
85	29.4	45	7.2	5	15.0		
84	28.9	44	6.7	4	15.6		
83	28.3	43	6.1	3	16.1		
82	27.8	42	5.6	2	16.7		
81	27.2	41	5.0	1	17.2		
80	26.7	40	4.4	0	17.8		

CONVERSION TABLE — INCHES TO MILLIMETRES FOR RAINFALL SEE INSIDE BACK COVER

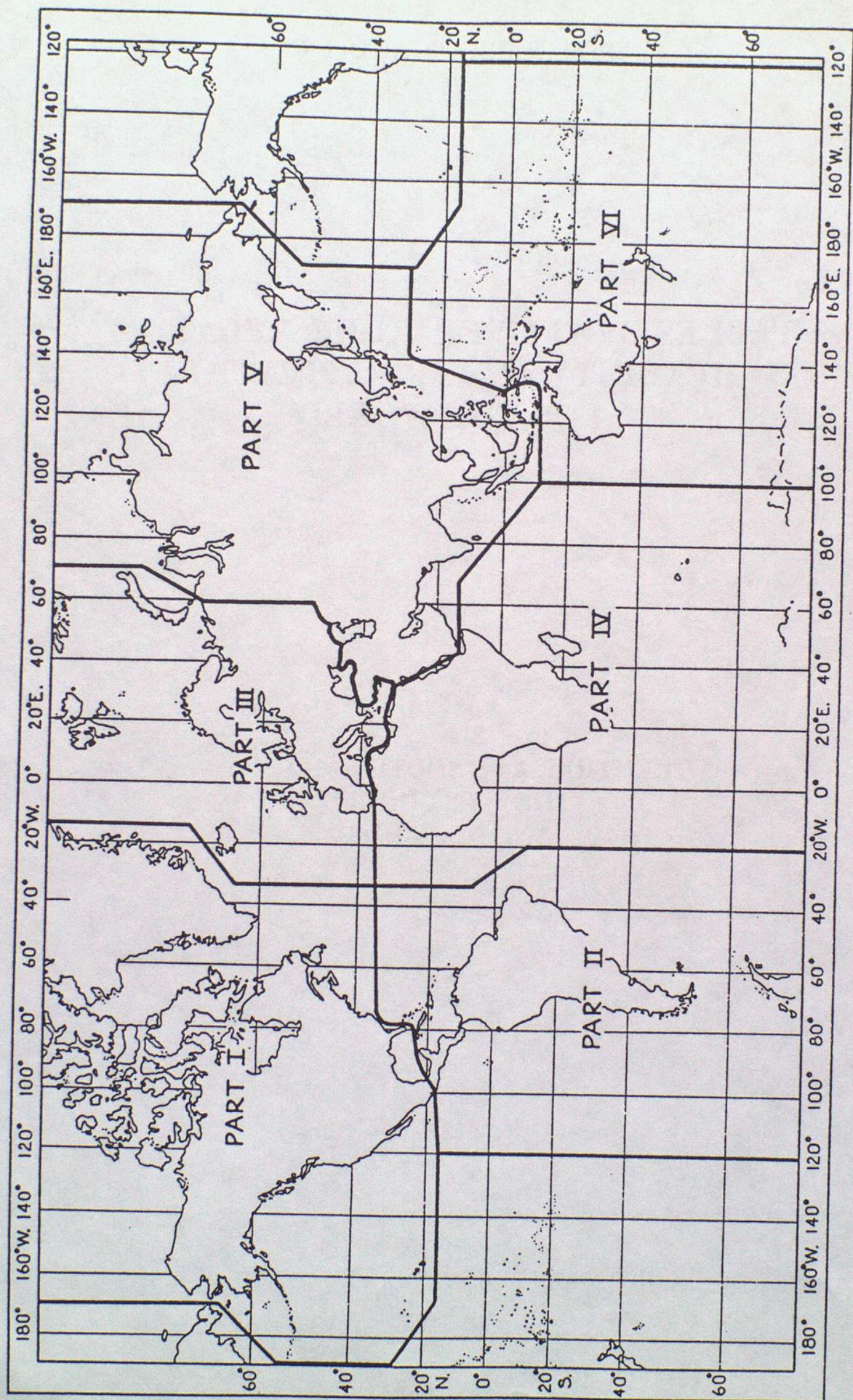
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PREFACE

FOR some years past, the World Climatology Branch of the Meteorological Office has compiled climatic tables for places all over the world and sold many thousands of copies each year to industrial firms and agencies and to individual inquirers. To meet this need, tables for a carefully chosen and representative selection of places are here presented in book form, making data for the whole world readily available at a moderate cost.

The data are grouped into six volumes:

- I* North America, Greenland and the North Pacific Ocean.
- II Central and South America, the West Indies and Bermuda.
- III* Europe and the Atlantic Ocean north of 35° N.
- IV* Africa, the Atlantic Ocean south of 35° N. and the Indian Ocean.
- V Asia.
- VI Australasia and the South Pacific Ocean, including the corresponding sectors of Antarctica.

A world outline map appears as the frontispiece in each volume and shows the actual boundaries of the broad regions covered by the various parts. One further map in each volume shows the positions of the places for which climatic tables are given.

Acknowledgement is due to Permanent Committee on Geographical Names for its work in advising on the spelling of all the names used in this publication.

* These three volumes, with data for the period 1931–60, temperatures converted to °C, precipitation in mm and with sunshine data where available are also published under the slightly different title *Tables of Temperature, Relative Humidity, Precipitation and Sunshine for the World*. Parts I, III and IV in Met.O.856 parts a, c, and d respectively.

PLACE NAMES

Since the first publication of this work in 1958 there have been many changes in the names of places, or in their transliteration or romanization. Those changes to the names of places in this volume which have been recommended by the Permanent Committee on Geographical Names are given below.

Colonia Sarmiento	properly	Sarmiento
Guatamala City	..	Ciudad de Guatamala
Los Evangelistas	..	Islas Evangelistas
Seymour Island	..	Isla Seymour.

THIS REPRINT

It became clear during 1995 that there was need for climate data for this area of the world published on paper. It was increasingly clear that a new publication, in Celsius and millimeters with sunshine data, would take considerably more effort than was available in the short term. I therefore took the decision that something was better than nothing, and made it possible to produce this booklet with HMSO's permission. To offset the disappointment of a rehash of old material (and the necessarily rather high price of a limited edition) I have enlarged the pages by 130% to A4 size, increasing legibility.

Rodney Blackall, January 1996



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Explanatory notes

Temperature

The temperature values given in the tables are air temperatures taken in the shade, the thermometers being mounted inside special screens at between 1·2 and 2 metres above ground level. Thermometer screens are designed to permit a free circulation of air around the thermometer bulbs and yet to afford shelter from precipitation, the direct rays of the sun, and heat radiated from the ground and neighbouring objects.

Average daily: the highest and lowest temperatures recorded during the 24 hours (between scheduled readings of the maximum and minimum thermometers) are known, respectively, as the daily maximum and daily minimum temperatures. The averages of these for each month and for the year as a whole are given in the tables. An approximation to the overall mean temperature for any month may be obtained by computing $(\text{mean daily maximum} + \text{mean daily minimum}) \div 2$.

Average monthly: the extreme values in each month of the daily maximum and daily minimum temperatures are known as the monthly maximum and monthly minimum temperatures respectively; averages of these values are given in the tables, except that the entries for the year (marked with an asterisk) are averages of the highest and lowest temperatures recorded in each year, regardless of the month of occurrence.

Absolute : the entries in the last two columns of temperature in the tables are the absolute extremes which have been recorded during the entire period of observational record, used in the table, for each place.

Relative humidity

The relative humidity is normally calculated at fixed hours of observation and, as a rule, it is impracticable to give maxima or minima, or values at the times of minimum and maximum temperature. For most stations, therefore, means at specified hours in the morning and afternoon have been given in the tables. Where a choice has been possible, the values given are for those hours which are nearest to the normal times of minimum and maximum daily temperature, i.e. about sunrise and in the early afternoon. Values for the morning hour of observation are mostly a little lower than the maximum relative humidity, the difference depending on the difference in time between the hour of observation and sunrise, and on which is the earlier. Values for the afternoon hour of observation are mostly a little higher than the lowest relative humidity, but for hours between 1200 and 1500 local apparent time the difference is generally small. Provided a suitable choice of hours has been possible, the values of mean daily maximum temperature and of the afternoon relative humidity are closely associated in time, and so are those for mean daily minimum temperature and the morning relative humidity. At a few places the local climate actually produces higher relative humidities in the afternoon than in the morning.

Precipitation

'Precipitation' includes any deposit of moisture from the atmosphere. Rain, snow and hail are by far the commonest forms of precipitation but other forms such as dew and hoarfrost do contribute to the amounts measured. The amounts of precipitation given in the tables indicate the amount of liquid deposit (rain, drizzle, dew) and the water equivalent of any solid deposit (snow, hail, hoar-frost, rime). The values are the depths to which a flat, level surface would be covered with water if there were no losses due to evaporation, run-off or drainage. The terms '24 h' and 'days', in the table headings, refer to periods of 24 hours between scheduled readings of the rain-gauge and are not coincident with the civil day.

The entries in the column headed *average No. of days with ... mm* correspond to various definitions of a 'rain-day' or 'day with rain'. These definitions vary from country to country, but in each case the criterion on which the figures are based is stated at the head of the column.

Standard of time

The difference between the Local Mean Time (LMT) at any two places depends only on the difference in longitude between them. Since the earth makes one complete revolution in 24 hours, a difference of 15° in longitude corresponds to a time difference of 1 hour. In order to avoid the inconvenience which would arise if each place adopted its own LMT, the system of zone time was introduced and is now almost universally adopted. Under this system, national standards of time differ from one another by multiples of $\frac{1}{2}$ hour or 1 hour, corresponding with $7\frac{1}{2}^\circ$ or 15° of longitude.

Since the apparent motion of the sun is from east to west, the standard of time used in zones east of Greenwich is ahead of (i.e. a later time than) Universal Time Coordinated (UTC) and in zones west of Greenwich is behind (i.e. an earlier time than) UTC at the rate of 1 hour for every 15° of longitude.

All times given in the tables refer to the nearest standard meridian which is always in whole multiples of $7\frac{1}{2}^\circ$ east or west of Greenwich. Thus, for a station in 71° W the time of $67\frac{1}{2}^\circ$ W is used whereas for a station in 72° W the time of 75° W is used.

Position and height of stations

The positions (latitude and longitude) and heights of the stations (above or below mean sea level) are given at the top of each table. Some changes of site have occurred at a number of stations during the period of record used for the tables. However, in the case of the stations selected for inclusion in this work, the changes are not considered to be significant and are therefore not specified in the table headings, which give only the latest published position of each station.

Period of years and number of years of observation

In all cases the most recently published statistics of a country have been studied first, and accepted for publication in this work if the period of years used was both recent and of a reasonable length.

When means were not readily available the observational data have been worked up from monthly records, the most recent 30-year period being used for this purpose.

In other cases (if both the above methods failed) tables were requested from the Meteorological Service concerned. The information obtained in this way has been listed in the Bibliography as manuscript data supplied by the respective Meteorological Services.

For a number of stations there are unavoidable breaks in the overall period of years, but breaks of less than five years have not been specified in the table headings. The actual number of years within the overall period for which data could be used in the case of each element is shown at the foot of each column in the tables. There are a few cases where the overall period is not accurately known and could not be given: this explains the cases where no period is quoted.

Whatever the evidence for '**climate change**', it is unlikely that more up-to-date data would make large differences to those printed here. **Climatic variability** would still dominate as the cause of any recent changes.

Bibliography

The numbers which appear in the rectangle at the top of column 1 of each table refer to the references listed at the end of the volume.

The references have been grouped under country headings to enable the reader to obtain useful list of books concerning the area in which he is interested without undue labour. This arrangement allows of certain books being referred to twice under different countries. Numbers are consecutive throughout. The books have been listed in order of importance (where this was practicable).

Contents and index

The tables have been arranged alphabetically within each country except in the case of very large countries where they have been arranged alphabetically within each state or province. Countries and provinces are arranged alphabetically as shown in the contents pages.

The index is arranged to facilitate reference; all cross references have been avoided and where a place has more than one name an effort has been made to list all such names in the index and in the heading of the tables.

In the index the names of the countries and oceans are shown in capital letters and of provinces or states, and place names in ordinary type.

BAHIA BLANCA 38°43'S. 62°16'W. 95 ft.

Period 1898-1944 Bibliography 1.5	Temperature					Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700	0700	1400	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.									
degrees Fahrenheit										
January	88	62	102	48	107	42	63	41	1.7	2.7
February	84	60	99	47	109	36	70	41	2.2	2.3
March	79	57	93	42	100	39	77	46	2.5	3.9
April	71	51	85	36	90	30	80	50	2.3	3.2
May	63	45	75	31	85	25	82	56	1.2	2.5
June	57	39	67	27	76	18	86	64	0.9	4.6
July	57	39	69	26	79	19	79	56	1.0	4.0
August	60	40	73	27	85	18	80	54	1.0	2.4
September	65	44	79	30	91	23	76	45	1.6	4.5
October	71	48	85	37	96	25	68	40	2.2	2.7
November	78	54	93	40	101	30	63	38	2.1	2.7
December	85	59	99	45	105	37	58	35	1.9	2.1
Year	72	50	103*	23**	109	18	73	47	20.6	4.6
No. of years	33	33	33	33	31	31	28	28	46	45

BUENOS AIRES 34°35'S. 58°29'W. 89 ft.

Period 1856-1941 Bibliography 1.5	Temperature					Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700	0700	1400	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.									
degrees Fahrenheit										
January	85	63	97	50	104	43	81	61	3.1	6.2
February	83	63	95	49	103	40	83	63	2.8	6.3
March	79	60	90	45	99	39	87	69	4.3	4.9
April	72	53	85	39	97	28	88	71	3.5	4.8
May	64	47	77	36	84	25	90	74	3.0	6.5
June	57	41	68	29	77	23	91	78	2.4	3.4
July	57	42	72	28	84	22	92	79	2.2	3.7
August	60	43	75	31	87	27	90	74	2.4	4.4
September	64	46	78	34	86	28	86	68	3.1	5.0
October	69	50	82	37	91	28	83	65	3.4	7.0
November	76	56	89	41	95	36	79	60	3.3	3.8
December	82	61	95	47	102	39	79	62	3.9	4.2
Year	71	52	99*	27**	104	22	86	69	37.4	7.0
No. of years	23	23	23	23	75	75	45	45	70	53

CIPOLLETTI 38°57'S. 67°59'W. 889 ft.

Period 1916-1944 Bibliography 3.4.5	Temperature					Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0800	0800	1400	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.									
degrees Fahrenheit										
January	89	56	100	43	107	37	50	30	0.4	..
February	86	53	99	41	107	33	60	34	0.4	..
March	81	48	94	34	100	26	67	36	0.7	..
April	72	40	87	27	93	19	77	41	0.4	..
May	62	34	77	22	85	12	82	46	0.6	..
June	54	30	70	19	79	12	84	52	0.6	..
July	55	29	70	18	78	9	83	51	0.5	..
August	61	31	74	20	83	12	75	41	0.3	..
September	66	36	81	25	93	19	62	31	0.6	..
October	72	43	88	33	98	24	55	31	0.9	..
November	80	49	94	37	102	32	47	29	0.5	..
December	85	54	98	42	105	37	46	28	0.5	..
Year	79	42	102*	15**	107	9	66	37	6.4	..
No. of years	9	9	25	25	25	25	7	7	24	..

* Average of highest each year

** Average of lowest each year

CORDOBA 31°22'S. 64°15'W. 1388 ft.

Period Bibliography 4, 5	Temperature						Relative humidity Average of observations at 0630 1330	Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.01 in. or more			
	Max. Min.			Max. Min.					per cent.	inches	
degrees Fahrenheit											
January	88	61	104	53	114	42	75	47	4.1	4.5	10
February	86	60	101	49	111	38	78	48	4.5	5.7	9
March	82	58	98	44	99	33	86	54	3.5	3.3	9
April	75	51	90	41	94	31	84	50	1.9	2.5	5
May	69	44	84	29	92	20	82	47	1.3	3.6	3
June	64	38	82	26	89	17	83	46	0.3	0.4	2
July	65	38	84	23	95	13	80	42	0.5	0.7	2
August	69	40	90	26	98	19	74	37	0.5	1.5	2
September	73	45	94	32	100	21	70	38	0.8	2.2	4
October	77	51	96	38	105	30	70	42	2.4	2.7	8
November	82	56	98	43	105	36	70	45	3.7	2.8	10
December	86	60	101	47	109	39	72	47	4.8	3.7	7
Year	77	50	105°	21**	114	13	77	45	28.2	5.7	71
No. of years	41	41	12	12	49	49	28	28	40	28	41

CORRIENTES 27°28'S. 58°50'W. 177 ft.

Period Bibliography 4, 5	Temperature						Relative humidity Average of observations at 0700 1400	Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.01 in. or more			
	Max. Min.			Max. Min.					per cent.	inches	
degrees Fahrenheit											
January	93	71	102	62	112	54	78	63	4.7	4.5	5
February	92	71	100	62	108	50	77	61	4.5	6.0	5
March	89	69	99	57	104	51	80	66	5.3	7.1	5
April	81	63	91	51	101	46	81	68	5.6	6.6	5
May	75	57	87	44	96	33	81	71	3.3	4.2	4
June	70	53	83	41	89	31	82	73	1.9	3.6	4
July	71	53	85	36	93	34	83	73	1.7	2.8	3
August	73	53	90	40	98	34	79	65	1.5	2.2	3
September	78	57	92	44	102	35	78	64	2.8	5.2	4
October	82	60	96	49	105	49	76	62	4.7	5.8	6
November	87	65	98	54	106	.39	77	63	5.2	4.4	6
December	91	69	102	58	109	51	76	62	5.2	5.7	6
Year	82	61	103°	35**	112	31	79	66	46.3	7.1	56
No. of years	39	39	10	11	47	47	11	11	40	25	39

ISLAS ANO NUEVO/ISLA OBSERVATORIO 54°39'S. 64°08'W. 164 ft.

Period Bibliography 1902-1919 2	Temperature						Relative humidity Average of observations at 0630 0930	Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.004 in. or more			
	Max. Min.			Max. Min.					per cent.	inches	
degrees Fahrenheit											
January	52	42	58	36	62	32	82	80	2.8	1.1	23
February	52	42	58	38	64	33	83	81	2.5	0.9	21
March	50	41	57	35	59	32	84	82	2.7	0.9	23
April	46	39	53	32	61	27	84	83	2.8	0.8	21
May	42	36	49	27	56	23	83	83	2.0	0.5	22
June	39	33	44	25	46	22	84	84	2.0	0.7	20
July	38	33	43	25	46	17	83	83	1.6	0.2	19
August	39	33	45	26	51	20	83	82	1.5	0.4	20
September	42	34	48	28	53	18	82	81	1.3	0.5	18
October	46	37	52	31	55	26	82	81	1.3	0.3	19
November	48	37	54	30	60	24	80	79	1.9	0.6	21
December	51	40	58	35	63	32	82	81	2.2	0.5	22
Year	45	37	60°	23**	64	17	83	82	24.6	1.1	249
No. of years	12	12	8	8	12	12	17	17	15	4	15

* Average of highest each year

** Average of lowest each year

LA QUIACA 22°06'S. 65°36'W. 11,345 ft.

Period 1916-1944 Bibliography 3, 4	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at all hours	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more	
	Max. Min.				per cent.	inches			
degrees Fahrenheit									
January	70	41	77	36	84	30	63	3.5	..
February	69	41	78	35	90	30	62	2.6	..
March	70	39	76	33	82	30	62	1.8	..
April	69	32	74	24	77	16	51	0.3	..
May	63	22	70	14	74	9	40	<0.1	..
June	60	15	66	8	72	0	38	0.0	..
July	60	16	67	8	70	0	34	<0.1	..
August	64	20	71	10	78	12	32	<0.1	..
September	68	26	74	17	81	12	35	0.1	..
October	71	32	77	22	83	13	45	0.3	..
November	73	37	80	29	83	22	51	1.0	..
December	72	40	79	35	82	30	59	2.7	..
Year	67	30	81*	6**	90	0	48	12.3	..
No. of years	23	23	25	25	25	25	20	25	..
									25

MENDOZA 32°53'S. 68°49'W. 2625 ft.

Period Bibliography 4, 5	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0630	1330	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.				per cent.	inches			
degrees Fahrenheit									
January	90	60	102	51	109	41	59	42	0.9
February	87	59	99	47	105	41	63	44	1.2
March	82	55	94	41	99	29	68	47	1.1
April	73	47	84	35	91	30	73	50	0.5
May	65	41	75	30	86	23	74	52	0.4
June	59	36	73	25	86	15	73	50	0.3
July	59	35	75	24	83	16	72	48	0.2
August	63	38	80	26	92	23	67	42	0.3
September	69	44	85	31	93	25	55	33	0.5
October	76	50	91	35	97	32	51	34	0.7
November	83	54	94	40	106	36	52	34	0.7
December	88	58	98	44	108	36	54	37	0.7
Year	75	48	102*	23**	109	15	63	43	7.5
No. of years	23	23	11	12	31	31	34	31	23

PARANA 31°44'S. 60°31'W. 210 ft.

Period 1908-1930 Bibliography 1, 3	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0800	1400	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.004 in. or more
	Max. Min.				per cent.	inches			
degrees Fahrenheit									
January	91	67	102	56	113	51	67	45	3.1
February	89	67	100	56	104	50	73	50	3.1
March	82	64	96	53	101	46	77	57	3.9
April	77	58	91	45	97	40	83	61	4.9
May	69	52	83	40	91	32	84	61	2.6
June	62	45	76	33	85	25	87	61	1.2
July	62	45	79	32	86	26	85	58	1.2
August	66	47	84	35	94	29	76	47	1.6
September	71	51	89	38	98	33	78	54	2.4
October	75	54	89	44	97	40	71	47	2.8
November	83	60	97	49	99	43	67	48	3.7
December	89	65	100	53	112	46	66	47	4.5
Year	76	56	103*	30**	113	25	76	53	35.0
No. of years	12	12	12	12	12	12	3	23	23

* Average of highest each year

** Average of lowest each year

PUERTO MADRYN 42°49'S. 64°58'W. 40 ft.

Period 1903-1923 Bibliography 6	Temperature						Relative humidity Average of observations at 0730 1330	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute Max. Min.	per cent.	Average monthly fall in fall 24 hr.	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max. Min.	Max. Min.					inches		
degrees Fahrenheit										
January	81 55	99	43	103 40	47	43	0.6	0.7	2	
February	81 56	97	45	101 39	57	46	0.5	0.3	2	
March	76 52	94	39	99 35	60	45	0.5	0.3	2	
April	70 46	86	33	95 27	62	43	0.6	0.3	4	
May	61 40	76	28	82 24	66	46	0.7	1.1	4	
June	54 36	67	22	75 16	74	55	0.6	0.9	4	
July	54 34	68	21	73 11	73	53	0.5	0.5	3	
August	58 36	72	23	84 20	70	48	0.2	0.5	2	
September	62 39	77	26	86 21	63	43	0.3	0.5	2	
October	66 44	83	32	89 27	56	46	0.5	1.1	3	
November	74 46	90	35	97 32	46	42	0.5	0.5	2	
December	79 53	95	42	102 37	43	41	0.4	2.3	2	
Year	68 45	99*	19**	103 11	60	46	6.1	2.3	32	
No. of years	12 12	12	12	12 12	4	4	20	20	11	

ROSARIO 32°58'S. 60°40'W. 98 ft.

Period - Bibliography 3, 4, 5	Temperature						Relative humidity Average of observations at 0800 1400	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute Max. Min.	per cent.	Average monthly fall in fall 24 hr.	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.	Max. Min.					inches		
degrees Fahrenheit										
January	89 64	100	49	108 44	69	45	3.3	4.0	6	
February	87 65	98	47	111 39	73	47	3.3	4.7	6	
March	81 61	95	41	99 35	81	54	4.3	10.0	6	
April	74 55	83	39	94 33	86	59	3.6	3.4	6	
May	66 48	82	33	89 24	88	64	1.9	4.4	5	
June	60 41	76	27	84 18	89	66	1.3	2.7	3	
July	61 43	76	26	84 21	86	63	1.3	1.5	3	
August	63 44	82	28	89 21	81	54	1.6	2.5	4	
September	69 46	87	32	96 23	78	50	2.1	3.3	6	
October	74 51	87	34	100 27	74	51	3.4	2.7	6	
November	81 57	92	42	101 31	67	47	3.6	4.0	7	
December	86 63	96	46	105 40	67	46	4.5	3.9	7	
Year	74 53	103*	24**	111 18	78-	54	34.2	10.0	65	
No. of years	16 16	5	5	24 12	7	7	40	11	25	

SALTA 24°32'S. 66°14'W. 3865 ft.

Period 1899-1923 Bibliography 6	Temperature						Relative humidity Average of observations at 0630 1330	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute Max. Min.	per cent.	Average monthly fall in fall 24 hr.	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max. Min.	Max. Min.					inches		
degrees Fahrenheit										
January	83 59	..	..	98 42	84	64	6.5	2.4	10
February	82 60	..	..	97 44	84	67	6.2	1.8	10
March	79 59	..	..	96 40	87	71	4.0	4.0	9
April	74 53	..	..	94 29	84	67	1.3	1.0	4
May	70 45	..	..	99 24	84	51	0.4	0.1	2
June	69 41	..	..	91 18	81	55	0.1	0.1	1
July	70 39	..	..	96 15	76	51	<0.1	<0.1	1
August	70 42	..	..	98 22	72	44	0.2	0.4	1
September	77 49	..	..	100 22	69	46	0.3	0.6	2
October	79 53	..	..	100 30	70	46	1.2	0.6	4
November	80 58	..	..	99 38	74	49	2.4	3.0	7
December	81 60	..	..	101 44	78	55	5.2	2.1	10
Year	76 51	..	..	101 15	79	56	27.8	4.0	61
No. of years	10 10	..	..	18 18	12	12	20	25	10

* Average of highest each year

** Average of lowest each year

SANTA CRUZ 50°01'S. 68°32'W. 39 ft.

Period 1901-1927 Bibliography 3, 5	Temperature				Relative humidity		Precipitation			Average No. of days with 0·01 in. or more
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0730	1330	Average monthly fall	Maximum fall in 24 hr.		
	Max. Min.				per cent.		inches			
degrees Fahrenheit										
January	70 48	89	39	93 32	53	41	0·6	0·9		4
February	70 48	87	38	94 32	59	42	0·3	0·2		3
March	65 44	82	32	90 28	63	41	0·3	0·3		2
April	57 39	71	30	78 24	71	49	0·6	0·7		4
May	51 33	61	26	68 12	77	61	0·4	0·5		4
June	42 29	54	17	61 1	77	68	0·5	0·6		5
July	41 28	53	16	59 9	75	61	0·4	0·2		5
August	47 31	58	20	67 6	73	53	0·5	0·4		6
September	53 34	65	25	72 21	68	47	0·3	0·3		2
October	58 39	76	28	85 20	59	42	0·3	0·2		3
November	62 42	81	33	90 28	55	41	0·4	0·7		4
December	65 46	84	38	91 34	52	41	0·7	0·3		7
Year	57 39	91°	12°	94 1	65	49	5·3	0·9		49
No. of years	12 12	12	12	17 17	4	4	20	4		9

SANTIAGO DEL ESTERO 27°46'S. 64°18'W. 653 ft.

Period 1916-1944 Bibliography 3, 4, 5	Temperature				Relative humidity		Precipitation			Average No. of days with 0·01 in. or more
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0630	1330	Average monthly fall	Maximum fall in 24 hr.		
	Max. Min.				per cent.		inches			
degrees Fahrenheit										
January	97 69	109	59	115 52	72	47	3·4	2·5		6
February	94 68	106	58	113 50	74	49	3·0	2·7		6
March	89 65	103	53	112 43	80	58	3·0	4·4		6
April	82 59	95	46	104 33	82	66	1·3	1·3		4
May	75 51	87	35	94 27	82	55	0·6	1·9		2
June	69 44	81	30	87 20	80	56	0·3	1·0		2
July	70 44	87	27	96 19	76	48	0·2	0·5		1
August	75 46	95	31	102 19	70	39	0·2	0·4		1
September	82 53	100	37	108 27	66	41	0·5	1·6		2
October	87 59	103	45	109 32	69	42	1·4	2·1		4
November	92 64	107	51	114 34	67	43	2·5	2·7		5
December	94 67	108	56	116 48	67	42	4·1	1·6		5
Year	84 58	111°	26°	116 19	74	49	20·4	4·4		44
No. of years	28 28	23	24	23 24	9	9	20	18		28

SARMIENTO 45°36'S. 69°05'W. 879 ft.

Period 1916-1944 Bibliography 3, 4	Temperature				Relative humidity		Precipitation			Average No. of days with 0·04 in. or more
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0730	1330	Average monthly fall	Maximum fall in 24 hr.		
	Max. Min.				per cent.		inches			
degrees Fahrenheit										
January	78 52	93	42	99 34	52	29	0·2	..		1
February	77 51	90	41	96 34	59	32	0·3	..		1
March	70 47	85	34	93 27	64	34	0·3	..		2
April	62 42	77	28	83 18	72	45	0·4	..		3
May	54 36	66	17	71 11	74	51	0·8	..		4
June	46 31	58	13	64 8	77	58	0·8	..		4
July	45 29	59	16	68 7	77	59	0·6	..		3
August	51 33	64	17	67 3	76	49	0·5	..		3
September	57 36	71	24	76 14	67	40	0·4	..		3
October	66 41	79	29	86 19	56	31	0·3	..		2
November	70 46	83	35	92 29	51	32	0·2	..		2
December	74 49	87	40	99 32	54	30	0·3	..		2
Year	62 41	94°	10°	99 3	65	41	5·1	..		30
No. of years	11 8	12	12	13 13	6	6	25	..		25

* Average of highest each year

** Average of lowest each year

USHUAI A 54°50'S. 68°20'W. 26 ft.

Period 1876-1885 1904-1921 Bibliography 2	Temperature						Relative humidity Average of observations at 0730 1330	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max. Min.		Max.	Min.					
degrees Fahrenheit										
January	57	41	71	33	85	28	71	61	2.0 1.0 13	
February	58	41	72	32	79	27	71	58	2.6 1.3 12	
March	55	38	67	30	74	27	74	60	1.9 0.8 11	
April	48	33	60	26	65	21	79	67	2.1 1.1 12	
May	43	29	55	18	66	-4	82	76	1.5 0.8 13	
June	39	26	50	13	60	-1	82	83	1.2 1.3 20	
July	39	25	49	11	55	-6	84	85	1.2 1.3 9	
August	42	27	51	16	57	6	83	81	1.1 0.7 8	
September	46	31	57	21	60	17	77	73	1.3 0.7 7	
October	52	35	63	28	70	24	75	64	1.6 1.1 11	
November	54	36	68	28	74	21	72	62	1.5 5.0 11	
December	56	39	57	32	80	27	71	43	1.9 2.0 13	
Year	49	33	76*	9**	85	-6	77	69	19.9 5.0 140	
No. of years	16	16	16	16	16	16	13	4	21 14 21	

VICTORICA 36°13'S. 65°26'W. 1024 ft.

Period 1916-1944 Bibliography 3, 4, 5	Temperature						Relative humidity Average of observations at 0730 1330	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.								
degrees Fahrenheit										
January	93	59	106	46	112	36	53	33	2.8 .. 6	
February	90	58	104	44	109	36	65	35	2.8 .. 5	
March	83	54	98	38	102	30	73	44	2.8 .. 5	
April	75	46	90	32	98	21	79	41	1.2 .. 4	
May	66	38	81	26	89	16	88	47	1.0 .. 3	
June	59	32	73	20	78	0	91	55	0.7 .. 2	
July	59	37	75	19	82	12	88	52	0.6 .. 2	
August	64	34	79	22	85	13	80	47	0.7 .. 2	
September	68	40	87	26	97	20	62	33	1.1 .. 4	
October	75	46	93	33	106	26	62	35	3.0 .. 7	
November	83	51	98	37	105	28	53	29	2.5 .. 5	
December	89	57	103	46	110	36	51	26	3.0 .. 7	
Year	75	46	107*	17**	112	0	70	40	22.2 .. 52	
No. of years	9	11	24	24	24	24	3	3	25 .. 25	

* Average of highest each year

** Average of lowest each year

CONCEPCIÓN 16°15'S. 62°03'W. 1607 ft.

Period 1943-1951 Bibliography 7, 8, 10	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
		Max. Min.		Max. Min.	Max. Min.		0800	1400	
degrees Fahrenheit									
January	85	66	92	60	96	55	93	63	7.6 0.6 15
February	86	66	91	59	93	49	93	74	6.1 0.5 13
March	85	65	91	56	93	54	91	71	4.6 0.8 12
April	86	62	91	53	93	48	91	65	2.4 0.2 5
May	83	59	90	45	93	43	88	61	3.1 0.2 6
June	80	56	87	50	90	45	93	61	0.9 0.1 4
July	81	54	90	42	94	36	87	55	1.1 0.1 2
August	87	56	91	45	97	39	81	47	0.6 0.1 4
September	91	61	98	49	100	40	80	49	2.3 0.2 4
October	88	62	96	53	98	45	77	58	3.0 0.3 8
November	88	66	97	59	101	52	81	61	8.1 0.5 11
December	86	65	92	55	94	47	87	69	5.2 0.5 15
Year	85	61	99°	39**	101	36	87	61	45.0 0.8 99
No. of years	5	5	5	5	5	5	2	2	5 5 7

LA PAZ 16°30'S. 68°08'W. 12,001 ft.

Period 1891-1948 Bibliography 9, 11	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
		Max. Min.			Max. Min.		0800	1400	
degrees Fahrenheit									
January	63	43	72	39	77	33	..	..	4.5 1.9 21
February	63	43	71	40	76	36	..	..	4.2 1.6 18
March	64	42	71	39	76	36	..	..	2.6 1.1 16
April	65	40	71	36	75	30	..	..	1.3 1.3 9
May	64	37	69	32	72	30	..	..	0.5 0.7 5
June	62	34	67	30	70	27	..	..	0.3 0.4 2
July	62	33	67	29	71	26	..	..	0.4 0.8 2
August	63	35	69	30	72	27	..	..	0.5 1.0 4
September	64	38	72	33	80	30	..	..	1.1 1.3 9
October	66	40	73	35	76	30	..	..	1.6 1.0 9
November	67	42	74	37	77	30	..	..	1.9 1.7 11
December	65	42	73	38	76	35	..	..	3.7 1.5 18
Year	64	39	75°	28**	80	26	..	..	22.6 1.9 124
No. of years	31	31	31	31	31	31	..	..	50 31 28

SUCRE 19°03'S. 65°17'W. 9344 ft.

Period - Bibliography 7, 8, 12	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
		Max. Min.			Max. Min.		0730	1330	
degrees Fahrenheit									
January	63	48	79	45	88	40	83	55	7.3 2.0 19
February	62	48	78	46	85	41	87	55	4.9 1.9 16
March	64	48	80	44	87	38	85	54	3.7 1.9 11
April	63	45	77	39	84	37	82	50	1.6 2.2 6
May	62	40	79	37	81	29	65	34	0.2 0.2 1
June	61	38	77	35	81	27	45	31	0.1 0.3 1
July	61	37	75	33	78	25	43	34	0.2 0.6 2
August	65	40	81	35	82	30	59	31	0.3 0.2 2
September	67	44	79	38	81	29	61	38	1.0 0.7 5
October	65	46	81	43	83	33	68	41	1.6 0.8 10
November	68	48	80	46	83	40	75	42	2.6 1.4 10
December	66	49	80	47	84	41	79	41	4.3 1.8 14
Year	64	44	87°	31**	88	25	69	42	27.8 2.2 97
No. of years	5	5	7	7	7	6	2	7	52 6 9

* Average of highest each year

** Average of lowest each year

BAIRRA DO CORDA 5°35'S. 45°28'W. 266 ft.

Period 1913-1923 Bibliography 15, 19	Temperature						Relative humidity Average of observations at 0700 1400 per cent.	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute Max. Min.	Average monthly fall in fall	Average maximum fall in 24 hr.		inches	Average No. of days with 0.01 in. or more	
		degrees Fahrenheit								
January	89 71	94	68	99 66	95 67	6.7	6.6	16		
February	88 71	92	68	95 64	95 68	8.7	2.6	18		
March	88 71	92	68	95 64	96 68	8.0	2.5	18		
April	89 71	93	68	101 66	96 68	6.1	2.2	14		
May	89 69	93	64	97 61	97 63	2.3	1.8	11		
June	90 66	92	60	97 60	95 55	1.0	0.9	5		
July	92 64	94	57	99 55	94 51	0.7	1.0	2		
August	94 65	96	59	100 54	91 47	0.7	1.1	3		
September	95 69	98	63	102 59	88 48	1.0	1.4	4		
October	94 72	98	66	103 56	88 51	2.5	1.5	7		
November	93 71	98	66	100 55	90 56	3.9	2.7	8		
December	91 71	96	68	101 65	93 62	5.7	2.8	12		
Year	91 69	99*	57**	103 54	93 59	47.2	6.6	116		
No. of years	9 9	10	11	10 11	11 11	9	11	9		

BELA VISTA 22°06'S. 56°22'W. 525 ft.

Period 1915-1935 Bibliography 13, 15	Temperature						Relative humidity Average of observations at 0600 2000 per cent.	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute Max. Min.	Average monthly fall in fall	Average maximum fall in 24 hr.		inches	Average No. of days with 0.01 in. or more	
		degrees Fahrenheit								
January	91 67	99	65	105 50	93 87	6.6	3.8	13		
February	91 66	97	60	104 51	95 89	4.9	2.7	11		
March	89 65	95	59	101 36	95 88	4.4	2.8	10		
April	85 61	93	54	101 37	95 90	4.3	2.6	8		
May	79 55	91	44	97 28	96 89	5.0	2.6	8		
June	78 52	88	32	97 21	95 87	2.8	3.9	7		
July	77 49	91	33	94 20	94 82	1.3	2.8	5		
August	82 52	95	39	101 26	90 78	1.8	2.5	5		
September	85 58	99	37	105 32	89 79	2.9	2.8	6		
October	87 61	99	49	103 34	91 83	5.4	2.6	9		
November	89 63	98	51	108 36	90 83	5.8	2.6	9		
December	91 66	98	55	106 47	90 83	7.0	2.6	11		
Year	85 59	102*	31**	108 20	93 85	52.2	3.9	102		
No. of years	13 13	5	5	19 19	5 5	20	20	20		

BELEM (PARÁ) 1°27'S. 48°29'W. 42 ft.

Period 1882-1918 Bibliography 18	Temperature						Relative humidity Average of observations at 0700 1200 per cent.	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute Max. Min.	Average monthly fall in fall	Average maximum fall in 24 hr.		inches	Average No. of days with 0.01 in. or more	
		degrees Fahrenheit								
January	87 72	91	70	95 66	96 88	12.5	3.2	27		
February	86 72	90	70	94 68	98 91	14.1	5.0	26		
March	87 73	91	70	95 66	98 90	14.1	2.4	28		
April	87 73	90	71	95 69	98 89	12.6	2.6	27		
May	88 73	91	71	94 68	98 87	10.2	3.6	24		
June	88 72	91	70	93 68	98 85	6.7	0.8	22		
July	88 71	90	69	94 64	97 86	5.9	1.2	19		
August	88 71	91	69	95 67	97 85	4.4	1.6	16		
September	89 71	91	69	96 65	97 83	3.5	2.8	16		
October	89 71	92	69	98 67	97 80	3.3	1.6	15		
November	90 71	93	69	97 67	97 81	2.6	0.7	12		
December	89 72	92	69	97 66	98 84	6.1	1.7	19		
Year	88 72	93*	67**	98 64	97 86	96.0	5.0	251		
No. of years	16 16	18	18	18 18	4 4	20	2	17		

* Average of highest each year

** Average of lowest each year

CÁCERES (SAO LUIZ DE CACERES) 16°04'S. 57°41'W. 387 ft.

Period 1911-1923 1931-1935 Bibliography 14, 15, 16	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0600 1300		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·01 in. or more
		Max. Min.	Max. Min.	Max. Min.	per cent.	inches			
degrees Fahrenheit									
January	91 72	96	69	100	66	95 67	10·2	4·3	17
February	89 72	95	67	98	60	95 70	7·4	3·6	16
March	91 72	95	67	96	58	96 67	6·8	3·1	16
April	90 70	95	62	98	52	96 64	3·6	2·3	9
May	87 64	93	53	95	39	96 61	1·7	2·4	6
June	85 59	91	46	94	35	96 60	1·0	2·4	3
July	89 58	94	45	97	37	95 53	0·4	3·8	2
August	91 60	99	48	102	39	90 46	0·5	1·1	3
September	93 66	102	51	105	40	84 45	1·9	2·7	7
October	94 70	101	60	105	50	88 56	4·2	3·7	10
November	92 71	99	63	102	54	92 67	7·2	3·6	14
December	91 71	96	65	99	58	93 70	8·1	2·3	17
Year	90 67	102*	41**	105	35	93 61	53·0	4·3	120
No. of years	8 8	10	11	10	11	10 6	18	8	6

CAETITÉ 14°00'S. 42°38'W. 2953 ft.

Period 1911-1923 Bibliography 15, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·01 in. or more
		Max. Min.	Max. Min.	Max. Min.	per cent.	inches			
degrees Fahrenheit									
January	83 64	89	61	95	59	90 61	4·8	2·4	13
February	83 64	88	61	93	58	91 61	2·9	2·6	8
March	83 64	87	60	95	59	91 62	3·0	2·7	10
April	82 64	86	60	93	59	92 63	3·5	3·2	9
May	79 61	84	56	91	53	92 61	0·6	0·6	7
June	77 58	83	53	89	49	91 57	0·4	0·8	7
July	77 56	86	53	89	50	91 53	0·5	0·5	5
August	79 57	87	54	91	51	89 48	0·3	1·7	5
September	83 60	91	55	96	53	87 45	0·9	2·1	4
October	84 62	92	57	97	54	87 50	2·5	1·8	7
November	83 64	90	59	95	57	89 58	4·6	2·5	15
December	81 64	90	60	95	57	88 59	5·6	3·0	14
Year	81 61	93*	51**	97	49	90 57	29·6	3·2	103
No. of years	12 13	10	10	11	11	10 10	13	10	13

CATALÃO 18°10'S. 47°52'W. 2723 ft.

Period 1913-1923 Bibliography 15, 17, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·01 in. or more
		Max. Min.	Max. Min.	Max. Min.	per cent.	inches			
degrees Fahrenheit									
January	81 65	88	61	91	60	83 61	11·8	3·1	22
February	82 65	87	60	89	58	92 65	10·2	2·7	15
March	82 65	88	61	91	59	84 59	8·8	3·6	16
April	82 63	86	57	87	55	83 54	3·8	2·5	9
May	80 59	85	50	88	40	90 55	1·1	2·7	4
June	78 56	83	47	86	35	88 51	0·3	0·4	2
July	79 57	84	48	87	43	82 45	0·5	1·5	1
August	82 58	87	49	90	38	77 44	0·3	1·1	2
September	84 62	91	55	95	41	70 44	2·3	2·4	6
October	84 64	91	59	94	55	83 53	6·1	2·5	13
November	82 65	88	59	91	53	88 62	8·3	3·6	15
December	80 65	87	60	91	57	91 67	14·9	3·3	21
Year	81 62	92*	44**	95	35	84 55	68·1	3·6	126
No. of years	9 10	10	10	8	8	10 10	10	7	8

* Average of highest each year

** Average of lowest each year

CONCEIÇÃO DO ARAGUAIA 8°15'S. 49°12'W. 53 ft.

Period 1919-1923 1930-1935 Bibliography 13, 15, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0630 1330	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more	
		Max. Min.	Max. Min.	Max. Min.		inches			
degrees Fahrenheit									
January	88	70	94	67	95	63	96	74	14.9 4.1 17
February	87	69	92	68	96	61	96	79	12.1 2.8 18
March	89	69	93	67	99	60	96	74	10.8 3.9 18
April	91	68	93	67	99	61	97	72	4.1 2.5 13
May	91	68	93	64	97	59	95	62	1.9 2.5 5
June	93	64	95	60	99	59	93	55	0.4 1.5 1
July	95	63	97	57	99	55	90	49	<0.1 1.4 1
August	98	64	99	59	102	55	89	42	0.5 1.3 2
September	97	67	99	64	102	60	92	53	1.5 2.6 6
October	93	68	96	66	102	65	94	62	6.6 2.8 10
November	92	69	97	66	99	66	95	67	4.9 2.6 14
December	90	71	95	66	97	65	94	68	8.6 3.7 13
Year	92	67	100*	57**	102	55	94	63	66.2 4.1 118
No. of years	5	5	4	4	5	5	3	3	5 11 11

CORUMBÁ 19°00'S. 57°39'W. 381 ft.

Period 1911-1923 Bibliography 15, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0600 1300	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more	
		Max. Min.	Max. Min.	Max. Min.		inches			
degrees Fahrenheit									
January	94	73	98	68	104	62	85	64	7.3 7.1 12
February	93	72	97	66	102	63	87	67	5.9 3.8 10
March	93	73	97	64	102	57	88	69	5.1 4.1 10
April	92	73	95	62	104	54	88	65	4.6 3.5 7
May	89	68	94	53	103	42	86	61	2.9 4.1 5
June	82	64	91	45	102	33	85	66	1.9 2.8 4
July	84	64	92	48	100	41	79	51	0.3 2.9 2
August	86	66	96	50	102	45	72	53	1.2 3.9 3
September	91	69	100	52	104	43	74	51	2.6 2.6 5
October	93	70	100	59	106	50	77	58	4.0 3.1 7
November	94	74	100	62	104	52	81	57	5.6 4.1 8
December	93	72	100	65	103	63	84	57	7.1 5.2 11
Year	90	70	103*	41**	106	33	82	60	48.5 7.1 84
No. of years	8	8	11	11	8	8	10	2	11 13 10

FLORIANÓPOLIS 27°35'S. 48°33'W. 96 ft.

Period 1910-1940 Bibliography 13, 15, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more	
		Max. Min.	Max. Min.	Max. Min.		inches			
degrees Fahrenheit									
January	83	72	89	65	93	59	83	73	7.6 11.4 14
February	82	72	88	68	92	65	84	73	5.6 7.6 12
March	81	70	86	65	91	59	84	75	5.3 9.3 10
April	74	64	83	62	87	55	85	74	4.1 5.2 12
May	73	63	79	53	85	45	85	74	3.6 3.8 11
June	69	58	75	48	79	36	87	76	3.5 3.5 10
July	68	57	76	48	84	34	86	74	2.2 2.2 8
August	68	57	77	47	85	39	85	73	3.7 3.4 10
September	70	59	77	51	83	45	85	76	4.3 5.1 12
October	73	63	80	55	88	50	85	75	5.1 5.2 12
November	76	66	85	60	90	57	83	74	3.5 3.1 9
December	79	69	87	62	91	58	83	72	4.3 3.3 11
Year	75	64	91*	44**	93	34	85	74	53.1 11.4 131
No. of years	17	17	11	11	11	11	11	11	25 31 25

* Average of highest each year

** Average of lowest each year

IBIPETUBA (SANTA RITA DO RIO PRETO) 11°07'S. 44°40'W. 1430 ft.

Period 1926-1935 Bibliography 13, 15	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700	1400	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0·01 in. or more
	Max. Min.								
degrees Fahrenheit									
January	91	66	97	61	103	55	91	61	5·0 2·5 10
February	90	66	95	61	104	58	93	68	6·7 3·7 12
March	89	65	99	61	102	59	92	61	5·7 3·0 11
April	91	65	98	60	102	59	92	59	2·0 2·0 6
May	92	61	95	56	101	52	89	49	2·9 0·6 2
June	92	55	96	-	104	45	85	42	0·0 0·0 0
July	91	53	97	-	101	43	82	40	<0·1 0·1 <0·1
August	94	54	99	-	104	48	83	40	0·0 0·0 0
September	97	61	102	54	107	50	83	42	0·5 1·6 1
October	98	67	105	60	107	56	86	47	1·4 1·2 4
November	93	68	99	63	106	57	90	56	5·3 2·8 9
December	91	68	105	61	107	60	89	58	5·1 3·2 11
Year	92	62	105*	49**	107	43	88	52	3·7 66
No. of years	10	10	2	2	9	5	3	3	10 10 10

GOIÁS (GOYAZ) 15°58'S. 50°04'W. 1706 ft.

Period 1913-1923 Bibliography 15, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0630	1330	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0·01 in. or more
	Max. Min.								
degrees Fahrenheit									
January	86	63	95	58	99	55	88	73	12·5 3·9 16
February	89	63	98	58	100	55	87	69	9·9 3·0 14
March	89	63	97	59	98	56	85	65	10·2 3·5 15
April	91	63	98	57	99	55	82	60	4·6 2·1 7
May	91	60	96	52	96	52	77	51	0·4 0·7 1
June	90	55	94	48	95	43	74	50	0·3 2·2 <0·1
July	89	56	95	50	96	41	67	48	0·0 0·0 0
August	93	59	99	51	101	49	64	40	0·3 1·3 1
September	94	64	103	55	104	53	66	42	2·3 1·4 4
October	94	63	103	54	104	50	77	51	5·3 2·6 8
November	90	63	99	55	102	54	86	65	9·4 3·0 13
December	87	62	97	56	101	52	90	73	9·5 2·6 13
Year	90	61	103*	47**	104	41	79	57	64·8 3·9 92
No. of years	11	11	3	4	8	8	6	6	11 5 11

GUARAPUAVA 25°16'S. 51°30'W. 3592 ft.

Period 1912-1923 Bibliography 15, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0630	1330	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0·01 in. or more
	Max. Min.								
degrees Fahrenheit									
January	79	61	85	54	93	46	91	63	8·7 2·5 13
February	78	62	85	53	90	50	90	58	5·8 2·5 12
March	76	58	85	54	90	50	91	65	5·4 2·7 11
April	73	55	82	48	86	39	93	58	4·5 2·9 8
May	67	49	77	31	83	24	91	60	4·6 2·4 8
June	64	46	76	31	80	23	90	69	6·5 2·8 7
July	66	47	77	32	80	27	89	58	2·7 1·7 6
August	70	48	80	38	84	32	85	61	3·6 2·1 7
September	69	50	82	37	85	35	89	61	4·6 2·8 10
October	74	53	81	40	85	36	89	61	6·9 2·7 11
November	77	55	87	49	88	43	87	55	6·6 1·8 9
December	79	59	90	42	94	35	83	55	6·1 2·5 14
Year	73	54	90*	28**	94	23	89	60	65·8 2·9 116
No. of years	11	10	3	3	8	8	4	4	5 4 10

* Average of highest each year

** Average of lowest each year

IGUATU 6°24'S. 39°35'W. 685 ft.

Period 1911-1935 Bibliography 13, 15	Temperature						Relative humidity Average of observations at 0730 1430	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.01 in. or more		
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	94	74	96	67	101	63	83	44	3.5 2.6 7	
February	91	73	95	66	102	63	89	52	6.8 3.0 12	
March	90	73	91	66	99	63	93	60	7.3 3.5 13	
April	88	73	91	68	99	63	93	62	6.3 2.9 13	
May	88	71	89	62	97	59	91	61	2.4 2.6 7	
June	89	70	90	61	95	50	87	59	1.4 2.9 3	
July	90	69	92	56	96	49	81	44	0.2 0.4 2	
August	93	69	95	59	99	51	77	35	0.1 0.3 <0.1	
September	95	72	98	63	101	61	78	32	0.7 1.6 2	
October	96	73	98	64	101	59	75	31	0.7 2.1 2	
November	96	74	99	66	101	61	77	36	0.4 2.3 1	
December	96	74	98	67	101	61	82	38	1.3 2.0 3	
Year	92	72	100*	56**	102	49	84	46	31.0 3.5 65	
No. of years	13	13	7	7	12	14	9	6	13 13 13	

MANAUS (MANAOS) 3°08'S. 60°01'W. 144 ft.

Period 1911-1935 Bibliography 13, 15, 16, 19	Temperature						Relative humidity Average of observations at 0600 1300	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.01 in. or more		
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	88	75	92	70	99	65	89	70	9.8 3.8 20	
February	88	75	92	70	100	68	89	71	9.1 4.0 19	
March	88	75	91	69	97	67	89	72	10.3 4.7 20	
April	87	75	91	70	94	68	90	73	8.7 3.7 19	
May	88	75	91	70	95	68	89	72	6.7 3.4 18	
June	88	75	91	69	95	65	87	68	3.3 2.9 11	
July	89	75	92	68	95	64	87	64	2.3 2.7 8	
August	91	75	95	69	98	67	85	59	1.5 2.0 6	
September	92	75	96	69	99	68	84	57	1.8 1.5 7	
October	92	76	96	70	100	68	85	59	4.2 3.6 11	
November	91	76	95	69	99	68	86	63	5.6 3.5 12	
December	90	75	93	69	101	67	88	68	8.0 3.3 16	
Year	89	75	97*	67**	101	64	87	66	71.3 4.7 167	
No. of years	11	11	8	8	21	21	13	13	25 25 25	

MONTE SANTO 10°25'S. 39°28'W. 1788 ft.

Period 1914-1935 Bibliography 13, 15	Temperature						Relative humidity Average of observations at 0730 1430	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.01 in. or more		
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	90	68	92	62	103	61	86	47	2.4 2.6 7	
February	90	69	91	62	99	61	87	50	2.2 2.5 8	
March	90	69	93	62	98	62	88	50	2.8 2.4 8	
April	87	68	91	61	96	60	91	52	2.7 2.0 1	
May	83	66	89	60	93	59	93	54	2.9 2.5 2	
June	81	64	85	58	93	57	94	60	2.2 1.5 17	
July	79	62	84	55	89	54	95	62	2.3 1.9 20	
August	81	62	87	56	93	55	93	54	1.5 1.6 13	
September	85	64	89	57	97	57	88	45	0.8 1.3 7	
October	90	66	93	59	99	59	81	37	0.7 1.2 4	
November	91	68	94	60	100	59	80	43	2.0 2.8 7	
December	91	68	95	61	101	60	84	43	3.0 2.6 7	
Year	87	66	97*	55**	103	54	88	50	25.5 2.8 101	
No. of years	15	15	8	10	14	15	9	7	22 22 22	

* Average of highest each year

** Average of lowest each year

NATAL 5°46'S. 35°12'W. 52 ft.

Period Bibliography 15, 19	Temperature						Relative humidity		Precipitation		
	Average daily		Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0730 1430		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.				Max.	Min.					
degrees Fahrenheit											
January	87	76	87	71	89	68	83	73	1.9	2.1	10
February	86	76	87	70	90	68	86	72	4.8	4.3	12
March	86	75	87	70	90	66	86	73	7.0	4.7	15
April	86	73	87	71	89	61	91	75	9.2	5.4	17
May	85	73	88	69	91	65	91	77	7.1	2.5	17
June	83	71	85	67	89	64	90	76	8.7	6.9	18
July	82	69	84	65	87	63	90	77	7.7	2.8	18
August	82	69	84	66	87	63	87	75	3.8	4.3	14
September	84	72	84	67	89	64	86	74	1.4	2.8	8
October	85	75	86	69	89	68	85	74	0.8	0.5	5
November	86	76	86	71	89	65	82	73	0.7	1.2	6
December	86	77	86	72	88	68	81	72	1.1	0.8	7
Year	85	74	89*	65**	91	61	87	74	54.2	6.9	147
No. of years	19	18	6	6	13	13	7	7	18	9	21

PARANA (PALMA) 12°26'S. 48°06'W. 853 ft.

Period Bibliography 13, 15	Temperature						Relative humidity		Precipitation		
	Average daily		Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0700 1400		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.				Max.	Min.					
degrees Fahrenheit											
January	90	58	94	57	101	49	93	69	11.3	4.4	14
February	89	59	92	59	97	49	94	69	9.3	3.9	13
March	89	59	92	59	98	49	94	69	9.4	2.8	13
April	90	58	92	55	99	49	93	64	4.0	2.7	7
May	91	54	93	51	98	43	92	58	0.5	2.1	1
June	91	49	92	47	97	41	89	50	<0.1	0.2	<0.1
July	91	48	92	45	97	37	89	51	0.1	0.7	<0.1
August	93	50	96	47	100	37	81	48	0.2	0.8	1
September	95	55	97	51	105	42	87	51	1.1	1.4	3
October	94	58	99	54	104	45	88	53	5.0	3.7	8
November	91	58	96	57	100	50	93	67	9.1	3.1	13
December	90	58	96	55	103	50	93	66	12.2	3.4	15
Year	91	55	101*	45**	105	37	91	59	62.3	4.4	88
No. of years	19	19	6	6	19	19	6	6	19	19	19

PORTO ALEGRE 30°02'S. 51°13'W. 33 ft.

Period Bibliography 18, 19	Temperature						Relative humidity		Precipitation		
	Average daily		Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0630 1330		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.				Max.	Min.					
degrees Fahrenheit											
January	87	67	99	58	103	51	79	55	3.5	3.7	8
February	87	68	97	59	105	52	84	56	3.2	3.4	9
March	83	65	95	55	102	48	87	57	3.9	3.3	8
April	78	60	90	49	97	41	91	61	4.1	3.0	9
May	71	54	84	40	91	30	92	64	4.5	4.3	9
June	66	49	82	35	89	28	92	66	5.1	3.7	10
July	66	49	83	35	89	25	92	66	4.5	3.3	9
August	68	50	85	37	92	30	92	65	5.0	3.1	11
September	70	54	87	41	97	32	89	63	5.2	4.2	10
October	74	57	89	45	100	39	84	60	3.4	3.0	10
November	80	60	94	50	100	43	79	55	3.1	2.8	8
December	85	64	98	53	103	46	77	54	3.5	2.3	7
Year	76	58	101*	32**	105	25	87	60	49.1	4.3	105
No. of years	22	22	22	22	22	22	19	19	22	22	8

* Average of highest each year

** Average of lowest each year

BRAZIL

RECIFE (PERNAMBUCO) R°04'S. 34°53'W. 97 ft.

Period 1901-1933 Bibliography 18, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0730 1430	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more	
	Max. Min.				per cent.	inches			
degrees Fahrenheit									
January	86	77	89	72	94	71	77	69	2.1 4.3 10
February	86	77	89	72	93	69	81	70	3.3 5.9 12
March	86	76	89	72	94	69	81	71	6.3 4.1 14
April	85	75	89	72	93	69	83	73	8.7 5.2 17
May	83	74	87	70	90	69	84	74	10.5 6.0 21
June	82	73	85	69	89	66	84	75	10.9 5.3 21
July	80	71	83	68	87	64	83	75	10.0 3.3 22
August	81	71	83	67	88	64	82	73	6.0 2.8 19
September	82	73	85	69	90	66	78	70	2.5 2.1 11
October	84	75	87	71	91	68	75	67	1.0 0.5 8
November	85	76	88	72	91	69	74	68	1.0 2.7 7
December	85	77	88	72	92	70	76	67	1.1 1.4 6
Year	84	75	90*	67**	94	64	80	71	63.4 6.0 167
No. of years	27	27	26	26	26	26	11	11	56 17 15

RIO DE JANEIRO 22°55'S. 43°12'W. 201 ft.

Period 1851-1935 Bibliography 18, 19	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more	
	Max. Min.				per cent.	inches			
degrees Fahrenheit									
January	84	73	94	67	102	60	82	70	4.9 3.8 13
February	85	73	93	69	98	63	84	71	4.8 4.8 11
March	83	72	92	68	97	64	87	74	5.1 5.7 12
April	80	69	89	64	94	60	87	73	4.2 8.8 10
May	77	66	87	61	95	56	87	70	3.1 2.5 10
June	76	64	85	59	90	52	87	69	2.1 8.1 7
July	75	63	85	58	91	52	86	68	1.6 1.9 7
August	76	64	87	58	93	53	84	66	1.7 2.0 7
September	75	65	90	60	100	50	84	72	2.6 2.8 11
October	77	66	90	61	102	57	83	72	3.1 2.0 13
November	79	68	91	63	100	59	82	72	4.1 3.9 13
December	82	71	93	65	102	56	82	72	5.4 6.7 14
Year	79	68	96*	56**	102	50	85	71	42.6 8.8 128
No. of years	38	38	26	26	49	49	12	12	84 45 84

SALVADOR (BAHIA. SÃO SALVADOR) 13°00'S. 38°30'W. 154 ft.

Period 1911-1935 Bibliography 13, 18	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0730 1430	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more	
	Max. Min.				per cent.	inches			
degrees Fahrenheit									
January	86	74	89	71	94	68	88	71	2.6 3.2 14
February	86	74	90	71	94	66	89	72	5.3 3.6 17
March	86	74	90	71	95	69	89	73	6.1 6.2 19
April	84	74	88	71	94	68	89	77	11.2 4.1 22
May	82	72	86	69	90	68	88	79	10.8 5.3 24
June	80	71	84	68	87	64	87	79	9.4 4.3 23
July	79	69	82	67	85	65	86	78	7.2 3.6 25
August	79	69	82	66	86	62	85	76	4.8 2.6 20
September	81	70	84	67	88	65	86	74	3.3 3.8 17
October	83	71	87	69	95	66	87	74	4.0 3.2 14
November	84	72	87	69	92	67	88	73	4.5 4.7 15
December	84	73	88	70	92	67	88	72	5.6 5.1 15
Year	83	72	91*	65**	95	62	87	75	74.8 6.2 225
No. of years	25	25	25	25	25	25	15	13	20 25 22

* Average of highest each year

** Average of lowest each year

SANTARÉN 2°30'S. 54°42'W. 66 ft.

Period 1914-1935 Bibliography 13, 15, 16	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max.	Min.		0630	1330					
degrees Fahrenheit											
January	86	73	90	70	96	68	95	74	6.8	3.3	
February	85	73	89	70	92	68	96	80	10.9	4.4	
March	85	73	88	71	90	69	96	81	13.2	6.9	
April	85	73	88	71	91	69	96	82	12.9	3.4	
May	85	73	89	71	94	69	97	83	11.3	3.4	
June	86	72	90	70	94	67	95	80	6.9	3.0	
July	87	71	92	68	95	65	96	72	4.1	2.7	
August	89	72	92	69	96	66	95	65	1.7	1.2	
September	91	73	94	70	99	68	92	61	1.5	1.6	
October	91	73	95	71	97	69	91	59	1.9	3.8	
November	91	73	94	70	97	69	91	61	2.3	3.5	
December	89	73	92	70	96	68	92	68	4.1	3.9	
Year	88	73	95*	68**	99	65	94	72	77.9	6.9	
No. of years	22	22	15	15	19	22	11	11	22	22	

SANTOS 23°56'S. 46°19'W. 10 ft.

Period 1888-1934 Bibliography 18, 19	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max.	Min.		0700	1400					
degrees Fahrenheit											
January	84	72	97	66	107	59	81	74	11.0	8.1	
February	85	72	96	67	102	60	84	75	9.8	14.5	
March	83	71	97	65	104	60	87	74	12.3	8.4	
April	81	68	91	61	104	56	87	72	7.3	6.9	
May	77	64	91	55	99	50	86	72	6.1	5.2	
June	75	61	92	52	96	41	87	70	5.7	3.6	
July	74	60	89	50	96	44	86	68	4.3	4.1	
August	73	60	92	52	99	44	87	71	4.1	3.0	
September	75	63	89	55	103	47	88	76	5.7	4.7	
October	76	65	91	58	104	51	86	73	6.4	2.4	
November	79	68	93	59	102	53	82	71	7.7	11.3	
December	82	70	95	62	104	58	82	70	7.8	5.7	
Year	79	66	101*	49**	107	41	85	72	88.1	14.5	
No. of years	34	34	13	13	47	47	15	4	47	32	

SÃO LUÍS 2°32'S. 44°17'W. 66 ft.

Period 1912-1934 Bibliography 13, 18	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max.	Min.		0700	1400					
degrees Fahrenheit											
January	86	75	90	71	91	68	87	75	7.7	4.2	
February	85	74	89	71	91	69	89	76	12.0	5.0	
March	86	74	89	71	94	69	89	76	17.7	5.1	
April	86	74	89	71	91	69	91	78	16.0	9.9	
May	87	74	90	71	93	68	90	75	11.6	3.8	
June	88	74	90	71	92	67	89	73	6.5	3.1	
July	87	73	90	71	93	69	90	73	5.1	6.3	
August	87	74	90	71	92	70	86	73	1.3	1.5	
September	87	75	91	72	95	66	82	73	0.4	1.7	
October	87	75	90	73	93	70	81	72	0.4	3.0	
November	87	75	90	73	93	71	80	71	0.9	2.5	
December	87	75	90	72	95	68	83	73	2.6	3.5	
Year	87	74	92*	70**	95	66	86	74	82.2	9.9	
No. of years	19	19	19	19	19	19	11	11	19	19	

* Average of highest each year

** Average of lowest each year

SENA MADUREIRA 9°04'S. 68°39'W. 443 ft.

Period 1916-1935 Bibliography 13, 15	Temperature						Relative humidity Average of observations at 0530 1930	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute				Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	92	69	97	64	99	61	98	98	11.2	3.4
February	92	69	97	64	99	59	98	98	11.3	3.5
March	91	69	96	65	99	60	98	98	10.2	2.8
April	91	68	96	64	99	57	98	99	9.4	2.7
May	90	67	97	58	98	54	98	99	4.1	3.4
June	90	65	97	54	98	45	98	98	2.2	1.6
July	91	63	96	56	99	47	97	98	1.1	2.1
August	93	65	97	62	99	41	97	99	1.5	1.6
September	93	68	98	60	99	46	98	98	4.0	3.6
October	93	69	97	63	99	57	98	98	7.0	2.4
November	93	69	97	65	100	57	98	98	7.5	2.7
December	93	70	98	64	99	63	98	98	11.7	2.8
Year	92	68	98*	52**	100	41	98	98	81.2	3.6
No. of years	12	12	3	3	17	17	2	2	17	17

TEÓFILO OTONI (THEOPHILO OTTONI) 17°45'S. 41°26'W. 1,000 ft.

Period 1911-1930 Bibliography 14, 15, 19	Temperature						Relative humidity Average of observations at 0700 1400	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute				Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	86	70	90	67	93	62	89	73	7.5	3.3
February	86	70	90	67	94	62	88	71	4.9	2.1
March	85	70	88	67	94	64	89	70	6.1	3.6
April	82	68	86	64	88	58	91	74	4.5	3.3
May	79	64	82	60	88	54	91	73	3.0	1.4
June	79	61	82	57	89	45	91	72	1.1	0.4
July	76	59	80	51	85	46	91	69	1.2	0.5
August	78	60	82	55	89	46	90	68	0.8	1.0
September	81	63	84	56	93	46	89	68	1.3	1.8
October	83	67	89	60	93	55	88	66	4.0	3.0
November	83	68	91	65	95	57	86	63	7.9	4.0
December	84	69	91	65	93	61	87	67	9.4	4.1
Year	82	66	94*	51**	95	45	89	69	51.8	4.1
No. of years	14	14	3	3	9	9	3	3	15	15

TRÊS LAGOAS 20°47'S. 51°42'W. Height not known

Period 1914-1935 Bibliography 13, 15	Temperature						Relative humidity Average of observations at 0630 2030	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute				Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	90	71	98	..	104	55	84	87	8.5	3.4
February	90	71	99	..	102	59	83	82	6.4	2.3
March	90	69	96	..	102	50	87	84	5.4	2.8
April	87	66	94	..	102	46	83	79	3.8	8.7
May	83	59	92	..	102	40	85	82	2.8	7.9
June	81	57	90	..	98	31	87	85	2.1	2.2
July	81	55	91	..	96	35	89	81	0.9	1.7
August	84	57	94	..	99	38	81	82	1.9	2.2
September	87	62	97	..	106	42	77	75	3.2	2.2
October	89	66	100	..	103	47	71	75	4.4	2.2
November	90	68	97	..	103	50	80	77	5.5	2.9
December	89	70	97	..	104	45	81	81	8.0	2.7
Year	87	64	101*	..	106	31	82	81	52.9	8.7
No. of years	8	8	2	..	14	14	2	2	14	14

* Average of highest each year

** Average of lowest each year

UAUPÉS (SÃO GABRIEL) 0°08'S. 67°05'W. 272 ft.

Period 1920-1935 Bibliography 13, 19	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at	0530	1230	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0·01 in. or more	
	Max. Min.										
degrees Fahrenheit											
January	88	72	..	69	97	68	97	73	10·3	3·4	
February	89	72	..	69	100	67	96	70	7·7	2·5	
March	88	72	..	70	98	66	96	70	10·0	3·9	
April	88	72	..	68	97	67	96	70	10·6	3·5	
May	87	72	..	67	98	66	97	77	12·0	3·4	
June	86	71	..	67	98	64	97	75	9·2	2·2	
July	85	70	..	65	96	52	97	75	8·8	2·5	
August	87	71	..	66	96	65	97	71	7·2	2·7	
September	89	71	..	67	100	64	96	71	5·1	2·7	
October	89	71	..	68	99	66	96	71	6·9	2·5	
November	90	72	..	69	99	67	97	82	7·2	4·6	
December	88	72	..	69	98	67	98	88	10·4	3·5	
Year	88	71	..	65**	100	52	97	74	105·4	4·6	
No. of years	15	15	..	2	12	12	2	2	10	10	
										10	

URUGUAIANA 29°46'S. 57°07'W. 246 ft.

Period 1911-1925 Bibliography 14, 19	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at	..	1300	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0·01 in. or more	
	Max. Min.										
degrees Fahrenheit											
January	91	69	..	..	108	50	..	63	3·6	2·8
February	90	68	..	..	104	47	..	67	3·6	3·0
March	86	65	..	..	102	47	..	67	5·6	2·6
April	78	59	..	..	99	39	..	71	5·1	2·8
May	72	53	..	..	90	33	..	75	3·7	3·1
June	65	48	..	..	83	27	..	74	4·2	2·8
July	66	48	..	..	87	30	..	74	3·2	1·8
August	69	49	..	..	95	32	..	69	2·8	2·4
September	73	53	..	..	95	34	..	69	3·6	2·5
October	77	55	..	..	96	36	..	64	4·1	2·8
November	84	61	..	..	102	43	..	62	2·9	1·7
December	88	65	..	..	105	45	..	60	4·1	2·9
Year	78	58	..	..	108	27	..	68	46·6	3·1
No. of years	15	15	..	..	15	15	..	9	12	8
										12	

* Average of highest each year

** Average of lowest each year

BRITISH HONDURAS

BELIZE 17°31'N. 88°11'W. 17 ft.

Period 1917-1949 Bibliography 10, 21	Temperature						Relative Humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max.	Min.		0700	1900					
degrees Fahrenheit											
January	81	67	85	57	90	49	92	89	5.4	4.2	
February	82	69	87	60	93	49	91	87	2.4	2.9	
March	84	71	88	62	95	54	90	87	1.5	2.6	
April	86	74	89	66	97	59	91	87	2.2	3.1	
May	87	75	90	68	96	60	91	87	4.3	5.9	
June	87	75	90	69	97	64	93	87	7.7	6.2	
July	87	75	89	69	95	62	93	86	6.4	5.2	
August	88	75	90	68	96	60	92	87	6.7	6.2	
September	87	74	90	68	97	60	94	87	9.6	8.2	
October	86	72	90	66	96	58	94	88	12.0	5.1	
November	83	68	88	60	95	52	94	91	8.9	9.8	
December	81	68	86	59	92	49	93	90	7.3	4.8	
Year	85	72	92*	55**	97	49	92	88	74.4	9.8	
No. of years	27	32	29	32	29	32	21	7	33	33	
										133	

* Average of highest each year

** Average of lowest each year

ANCUD/PLANTA CORONA 41°47'S. 73°52'W. 184 ft.

Period 1870-1942 Bibliography 24	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700	1300	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.								
degrees Fahrenheit									
January	52	51	71	46	82	42	89	84	3.1 2.9 9
February	52	51	71	46	78	41	90	84	3.7 3.0 11
March	60	49	67	44	77	42	92	84	5.3 3.3 14
April	57	47	62	41	68	37	92	88	7.4 4.7 15
May	53	45	58	39	67	36	92	88	9.9 3.7 21
June	51	43	56	37	63	33	91	89	11.0 3.2 23
July	50	42	54	37	60	33	91	89	10.3 3.9 22
August	51	42	55	36	62	30	91	88	9.4 3.1 19
September	52	42	58	38	66	35	90	86	6.5 2.8 15
October	55	45	62	40	72	35	89	83	4.2 2.1 14
November	56	47	65	41	74	38	89	85	4.7 2.7 12
December	59	49	68	44	79	41	90	85	4.6 2.5 13
Year	56	46	74*	35**	82	30	91	86	80.1 4.7 188
No. of years	30	30	30	31	30	31	10	10	46 32 10

ANTOFAGASTA 23°42'S. 70°24'W. 308 ft.

Period 1904-1942 Bibliography 24	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0730	1330	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.								
degrees Fahrenheit									
January	76	53	80	59	83	52	77	71	0.0 0.0 0
February	76	63	80	60	85	57	78	70	0.0 0.0 0
March	74	61	78	58	83	55	80	71	0.0 0.0 0
April	70	58	74	54	80	50	78	72	<0.1 <0.1 0.1
May	67	55	71	50	75	47	79	73	<0.1 1.1 0.1
June	65	52	69	48	78	43	78	71	0.1 1.8 0.2
July	63	51	68	47	79	43	80	73	0.2 2.2 0.5
August	62	52	67	47	75	41	79	73	0.1 1.1 0.4
September	64	53	67	49	72	45	77	71	<0.1 0.3 0.5
October	66	55	59	51	73	47	75	71	0.1 0.7 0.2
November	69	58	72	53	76	51	74	71	<0.1 0.2 0.3
December	72	60	76	56	80	51	75	70	0.0 0.0 0
Year	69	57	81*	46**	85	41	77	71	0.5 2.2 2.3
No. of years	22	22	22	22	22	23	10	10	32 18 19

ARICA 18°28'S. 70°20'W. 95 ft.

Period 1903-1942 Bibliography 24	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0730	1330	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.								
degrees Fahrenheit									
January	78	64	81	60	86	52	72	62	<0.1 0.4 <0.1
February	79	65	82	62	87	54	74	61	0.0 0.0 0
March	77	63	81	59	85	54	76	63	0.0 0.0 0
April	74	60	77	56	86	50	79	68	0.0 0.0 0
May	70	58	74	54	81	47	78	70	0.0 0.0 0
June	67	57	70	51	77	44	81	73	0.0 0.0 0
July	66	54	68	50	72	47	81	73	0.0 0.0 0
August	65	55	68	51	72	44	83	74	<0.1 0.1 <0.1
September	67	56	70	52	81	46	83	73	0.0 0.0 0
October	69	58	72	54	79	48	80	70	0.0 0.0 0
November	72	60	74	55	78	51	75	65	0.0 0.0 0
December	75	62	78	58	83	52	71	61	<0.1 0.1 <0.1
Year	72	59	82*	49**	87	44	78	68	<0.1 0.4 <0.1
No. of years	15	17	13	17	15	17	9	9	23 19 22

* Average of highest each year

** Average of lowest each year

CABO RAPER 46°50'S. 75°38'W. 131 ft.

Period 1928-1938 Bibliography 23, 25	Temperature						Relative humidity Average of observations at 0700 1300	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in	Maximum fall in 24 hr.		Average No. of days with 0.04 in. or more		
	Max. Min.			Max. Min.				fall	24 hr.	
degrees Fahrenheit										
January	58	46	65	42	70	37	91	89	7.8	1.7
February	58	46	66	42	70	40	89	87	5.8	1.4
March	56	45	63	40	72	38	91	88	7.1	1.2
April	54	44	60	40	65	37	89	88	7.7	1.4
May	52	41	59	36	64	33	88	88	7.5	1.4
June	49	39	56	33	60	28	89	87	7.9	1.7
July	47	38	53	34	57	32	89	89	9.5	1.8
August	48	38	55	33	60	29	89	88	7.5	1.6
September	49	38	58	34	72	29	89	87	5.6	1.7
October	51	40	59	35	71	34	89	87	7.0	1.2
November	53	42	61	37	69	36	90	87	6.7	1.3
December	55	44	63	39	69	36	90	87	7.0	1.9
Year	53	42	68*	31**	72	28	90	88	87.1	1.9
No. of years	8	8	R	8	8	8	9	9	10	10

LOS EVANGELISTAS 52°24'S. 75°04'W. 180 ft.

Period 1899-1939 Bibliography 23, 25	Temperature						Relative humidity Average of observations at 0700 1400	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in	Maximum fall in 24 hr.		Average No. of days with 0.04 in. or more		
	Max. Min.			Max. Min.				fall	24 hr.	
degrees Fahrenheit										
January	50	44	55	38	62	35	85	83	11.7	2.9
February	50	44	56	38	60	32	84	83	10.0	2.8
March	50	43	53	35	60	34	83	82	11.3	2.9
April	48	41	53	35	58	31	84	82	11.4	4.2
May	46	38	51	34	54	28	83	82	9.6	3.2
June	44	36	48	32	54	19	83	82	9.4	4.1
July	43	36	47	29	53	24	83	82	9.4	2.8
August	43	36	47	31	52	26	83	82	8.6	5.4
September	44	38	48	31	53	26	83	82	9.2	3.3
October	45	39	50	31	54	30	84	82	8.8	2.4
November	46	40	50	34	57	29	84	82	9.9	2.4
December	48	42	52	36	58	30	84	82	10.1	2.4
Year	46	40	58*	29**	62	19	84	82	119.4	5.4
No. of years	16	16	R	8	22	24	11	11	27	10

POTRERILLOS 26°30'S. 69°27'W. 9,350 ft.

Period - Bibliography 25	Temperature						Relative humidity Average of observations at 0730 1330	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in	Maximum fall in 24 hr.		Average No. of days with 0.04 in. or more		
	Max. Min.			Max. Min.				fall	24 hr.	
degrees Fahrenheit										
January	65	49	71	45	74	44	38	34	<0.1	0.8
February	65	49	70	44	73	42	38	34	<0.1	0.6
March	65	49	71	43	73	37	33	33	0.3	0.2
April	63	47	69	40	72	35	24	22	<0.1	0.1
May	61	44	69	31	73	23	22	19	0.7	0.1
June	57	41	65	30	69	27	23	18	<0.1	0.9
July	57	40	67	26	71	20	26	19	0.5	0.1
August	58	41	71	27	75	23	29	17	0.3	1.0
September	50	42	69	29	72	24	22	18	0.2	0.1
October	51	44	69	31	73	24	23	21	0.2	0.1
November	63	47	70	40	73	33	21	21	0.0	0.0
December	64	48	70	43	73	39	32	28	<0.1	0.1
Year	62	45	73*	23**	75	20	28	24	2.2	1.0
No. of years	7	7	7	7	7	7	7	7	4	7

* Average of highest each year

** Average of lowest each year

PUERTO AISEN (PUERTO AYSEN) 45°24'S. 72°42'W. 33 ft.

Period Bibliography 25	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
		Max.	Min.		0700	1400					
degrees Fahrenheit											
January	63	50	..	91	32	85	76	9·0	2·2	17	
February	62	49	..	82	36	87	78	8·9	3·6	14	
March	59	46	..	80	34	87	79	10·5	3·5	15	
April	55	43	..	68	29	90	81	9·6	3·4	17	
May	49	40	..	66	25	91	85	11·3	3·9	18	
June	45	36	..	55	19	91	87	13·0	3·5	20	
July	45	37	..	55	23	91	87	14·2	4·0	21	
August	48	36	..	61	19	91	83	11·2	3·5	19	
September	52	39	..	72	27	90	78	6·6	2·9	15	
October	55	42	..	77	29	87	77	7·9	3·1	15	
November	58	45	..	81	33	85	74	8·7	3·3	17	
December	62	48	..	83	36	84	73	7·8	3·4	17	
Year	54	42	..	91	19	88	80	112·7	4·0	205	
No. of years	8	8	..	8	8	8	8	11	9		

PUNTA ARENAS 53°10'S. 70°54'W. 26 ft.

Period Bibliography 23	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
		Max.	Min.		0730	1330					
degrees Fahrenheit											
January	58	45	69	39	86	26	74	68	1·5	1·0	
February	58	44	69	37	79	28	74	64	0·9	1·2	
March	54	41	64	34	75	24	78	69	1·3	1·7	
April	50	39	58	32	69	23	82	73	1·4	1·0	
May	45	35	54	28	63	16	83	76	1·3	1·3	
June	41	33	48	25	52	11	84	80	1·6	1·5	
July	40	31	47	24	53	12	83	79	1·1	0·8	
August	42	33	49	25	55	15	83	77	1·2	1·0	
September	46	35	55	27	61	19	81	71	0·9	0·8	
October	51	38	60	31	67	25	75	65	1·1	0·8	
November	54	40	63	31	76	23	73	65	0·7	0·7	
December	57	43	66	35	75	23	74	67	1·4	1·6	
Year	50	38	72*	22**	86	11	79	71	14·4	1·7	
No. of years	15	15	15	15	37	37	10	10	15	11	

SANTIAGO 33°27'S. 70°42'W. 1,706 ft.

Period Bibliography 22, 25	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
		Max.	Min.		0730	1430					
degrees Fahrenheit											
January	85	53	92	49	96	43	70	38	0·1	0·9	
February	84	52	90	48	98	43	78	40	0·1	0·6	
March	80	49	87	45	94	38	86	41	0·2	0·5	
April	74	45	84	37	88	33	89	46	0·5	1·3	
May	65	41	78	35	87	27	92	58	2·5	2·9	
June	58	37	69	31	80	26	93	64	3·3	4·1	
July	59	37	71	28	81	24	91	60	3·0	2·5	
August	62	39	76	31	85	26	91	58	2·2	2·6	
September	66	42	81	34	88	31	89	55	1·2	1·1	
October	72	45	85	34	92	32	83	50	0·6	1·0	
November	78	48	87	40	97	37	73	41	0·3	1·2	
December	83	51	91	45	99	36	69	38	0·2	1·5	
Year	72	45	92*	27**	99	24	84	49	14·1	4·1	
No. of years	14	.14	7	7	21	21	24	14	58	20	

* Average of highest each year

** Average of lowest each year

VALDIVIA 39°48'S. 73°14'W. 16 ft.

Period 1853-1942 Bibliography 24	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0700 1300	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
		Max. Min.		Max. Min.							
degrees Fahrenheit											
January	73	52	87	42	97	37	87	64	2·6	4·7	
February	73	51	86	42	95	35	90	67	2·9	2·1	
March	69	49	82	39	91	36	93	70	5·2	4·7	
April	62	46	71	35	82	29	94	77	9·2	6·1	
May	56	43	64	32	71	26	95	87	14·2	4·4	
June	52	42	59	30	63	25	95	89	17·7	6·4	
July	52	41	59	30	66	24	95	89	15·5	6·3	
August	54	40	62	30	68	25	95	83	12·9	6·9	
September	58	41	68	32	79	27	94	74	8·2	5·1	
October	63	44	75	35	84	31	93	71	5·0	3·1	
November	65	46	79	37	90	32	89	68	4·9	5·2	
December	69	50	82	41	92	37	89	67	4·1	3·8	
Year	62	45	86*	39**	97	24	92	76	102·4	6·9	
No. of years	29	29	33	34	38	38	10	10	60	25	
										163	

VALPARAISO 33°01'S. 71°38'W. 135 ft.

Period 1869-1874 1899-1934 Bibliography 24	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0700 1300	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
		Max. Min.		Max. Min.							
degrees Fahrenheit											
January	72	56	81	52	91	50	84	65	0·1	1·0	
February	72	56	81	52	94	49	85	67	<0·1	0·1	
March	70	54	79	50	89	45	85	66	0·3	1·4	
April	67	52	76	46	87	44	86	69	0·6	2·8	
May	63	50	73	44	79	39	85	74	4·1	6·8	
June	60	48	68	41	76	36	84	74	5·9	7·3	
July	60	47	69	40	80	36	84	73	3·9	3·2	
August	61	47	73	41	78	39	85	72	2·9	4·1	
September	62	48	72	43	79	39	85	71	1·3	3·0	
October	65	50	77	45	90	40	85	68	0·4	1·6	
November	69	52	79	48	91	44	82	63	0·2	1·4	
December	71	54	80	50	91	48	81	61	0·2	0·5	
Year	66	51	86*	39**	94	36	84	69	19·9	7·3	
No. of years	30	30	31	27	31	27	20	14	41	34	
										20	

* Average of highest each year

** Average of lowest each year

ANDAGOYA 5°06'N. 76°40'W. 197 ft.

Period 1934-1952 Bibliography 26, 27	Temperature					Relative humidity Average of observations at	Precipitation			
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute Max. Min.	.. ..		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
		Max. Min.	Max. Min.				.. ..	inches	
degrees Fahrenheit										
January	90 75	93	71	95 68	.. ..	25.0	6.1		26
February	89 75	93	71	96 69	.. ..	21.4	5.3		21
March	90 75	93	71	96 69	.. ..	19.5	5.9		23
April	90 75	94	71	96 69	.. ..	26.1	6.8		25
May	89 75	93	71	96 70	.. ..	25.5	6.4		26
June	89 74	93	70	94 68	.. ..	25.8	6.9		25
July	89 74	93	70	96 69	.. ..	23.3	5.1		27
August	89 74	93	71	95 70	.. ..	25.3	5.8		27
September	90 74	93	71	95 70	.. ..	24.6	5.8		27
October	90 74	93	70	97 62	.. ..	22.7	5.3		25
November	88 74	93	70	95 66	.. ..	22.4	5.1		27
December	88 74	93	71	95 70	.. ..	19.5	6.5		27
Year	89 74	95*	68**	97 62	.. ..	281.1	6.9		306
No. of years	8 8	9	9	9 9	.. ..	15	17		15

BOGOTÁ 4°36'N. 74°05'W. 8,678 ft.

Period Bibliography 25	Temperature					Relative humidity Average of observations at 0600 1400 per cent.	Precipitation			
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute Max. Min.	.. ..		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
		Max. Min.	Max. Min.				.. ..	inches	
degrees Fahrenheit										
January	67 48	73	42	74 40	84	51	2.3	..	6	
February	68 49	73	44	75 42	83	53	2.6	..	7	
March	67 50	73	45	75 42	83	54	4.0	..	13	
April	67 51	72	47	75 45	84	57	5.8	..	20	
May	66 51	72	47	74 45	85	58	4.5	..	17	
June	65 51	70	47	72 44	85	56	2.4	..	16	
July	64 50	69	46	72 44	83	56	2.0	..	18	
August	65 50	70	46	72 44	83	54	2.2	..	16	
September	66 49	71	45	73 44	82	54	2.4	..	13	
October	66 50	71	46	73 43	86	61	6.3	..	20	
November	66 50	71	46	73 44	88	64	4.7	..	16	
December	66 49	71	43	73 40	85	56	2.6	..	15	
Year	66 50	74*	42**	75 40	84	56	41.7	..	177	
No. of years	10 10	10	10	10 10	10	10	49	..	6	

* Average of highest each year

** Average of lowest each year

SAN JOSÉ 9°56'N. 84°08'W. 3,760 ft.

Period 1866-1904 1945-1951 Bibliography 28, 29, 30	Temperature						Relative humidity Average of observations at 0630 1330 per cent.	Precipitation			
	Average daily		Average of highest each month	Average of lowest each month	Absolute			Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.004 in. or more	
	Max. Min.	Max. Min.			Max. Min.						
degrees Fahrenheit										inches	
January	75	58	81	51	87	49	83	63	0.6	0.5	3
February	76	58	82	53	88	51	82	57	0.2	0.3	1
March	79	59	85	53	91	50	81	55	0.8	0.8	2
April	79	62	85	56	89	53	80	60	1.8	1.0	7
May	80	62	84	58	88	54	85	70	9.0	3.3	19
June	79	62	83	58	92	57	91	74	9.5	3.5	22
July	77	62	81	57	84	54	89	74	8.3	5.0	23
August	78	61	82	57	85	56	89	73	9.5	2.4	24
September	79	61	83	58	86	56	91	76	12.0	2.4	24
October	77	60	81	57	85	55	92	78	11.8	3.0	25
November	77	60	82	55	84	52	87	71	5.7	3.0	14
December	75	58	81	53	87	49	85	67	1.6	0.9	6
Year	77	60	88*	51**	92	49	86	68	70.8	5.0	170
No. of years	12	8	14	14	14	14	6	5	34	7	14

* Average of highest each year

** Average of lowest each year

CUENCA 2°53'S. 78°39'W. 8,301 ft.

Period 1935-1947 Bibliography 32, 33	Temperature						Relative humidity Average of observations at	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with trace or more		
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	69 50	75	41	80 38	.. ..	2.0 1.1		7	
February	70 51	76	44	79 / 37	.. ..	1.8 1.3		8	
March	69 51	76	43	81 39	.. ..	3.2 1.3		13	
April	69 50	74	43	76 34	.. ..	4.3 1.4		15	
May	67 49	74	40	77 32	.. ..	4.3 2.2		14	
June	66 47	73	38	77 31	.. ..	1.7 0.7		8	
July	65 47	71	36	73 29	.. ..	0.9 0.7		10	
August	66 46	73	36	78 30	.. ..	1.1 1.3		8	
September	69 48	75	39	77 36	.. ..	1.6 0.7		8	
October	70 49	77	39	81 31	.. ..	3.1 1.3		10	
November	71 46	78	34	81 31	.. ..	1.8 1.3		7	
December	71 49	77	40	81 34	.. ..	2.5 1.9		8	
Year	69 49	79*	32**	81 29	.. ..	28.3 2.2		116	
No. of years	7 7	7	7	7 7	.. ..	10 10		11	

GUAYAQUIL 2°10'S. 79°53'W. 20 ft.

Period 1896-1898 1920 1944-1950 Bibliography 33, 34	Temperature						Relative humidity Average of observations at	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with trace or more		
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	88 70	94	68	96 67	.. ..	9.4 2.9		20	
February	87 71	92	68	93 66	.. ..	9.8 2.9		25	
March	88 72	92	67	92 64	.. ..	10.9 4.4		24	
April	89 71	92	69	93 69	.. ..	4.6 2.1		14	
May	88 68	93	66	95 65	.. ..	1.1 0.3		9	
June	87 68	92	65	94 64	.. ..	0.3 0.2		4	
July	84 67	89	63	91 62	.. ..	0.2 0.3		2	
August	86 65	90	63	92 62	.. ..	0.0 0.0		0	
September	87 66	92	62	93 57	.. ..	0.1 <0.1		2	
October	86 68	92	64	94 62	.. ..	0.3 0.5		3	
November	88 68	93	64	94 61	.. ..	0.1 0.1		4	
December	88 70	95	67	98 66	.. ..	2.0 1.0		10	
Year	87 69	96*	61**	98 57	.. ..	38.8 4.4		117	
No. of years	3 2	2.4	2.4	3 2	.. ..	7 4		4	

QUITO 0°13'S. 78°32'W. 9,446 ft.

Period 1878-1901 1914-1947 Bibliography 31, 33	Temperature						Relative humidity Average of observations at 0500 1300	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with trace or more		
	Max. Min.			Max. Min.						
degrees Fahrenheit										
January	72 46	77	40	79 37	93 54	3.9 1.8		16		
February	71 47	76	41	80 34	93 59	4.4 1.5		17		
March	71 47	77	42	80 40	93 59	5.6 2.0		20		
April	70 47	75	42	78 40	93 60	6.9 1.6		22		
May	70 47	75	41	79 35	93 60	5.4 2.1		21		
June	71 45	76	39	78 36	88 51	1.7 1.1		12		
July	72 44	76	37	79 33	81 43	0.8 0.6		7		
August	73 45	78	39	82 36	80 40	1.2 1.0		9		
September	73 45	80	38	83 35	85 44	2.7 1.6		14		
October	72 46	78	40	86 32	92 53	4.4 1.4		18		
November	72 45	77	37	80 33	92 53	3.8 1.0		14		
December	72 46	77	39	81 34	94 54	3.1 1.4		16		
Year	72 46	81*	35**	86 32	90 53	43.9 2.1		186		
No. of years	13 13	13	13	13 13	13 13	33 14		19		

* Average of highest each year

** Average of lowest each year

FALKLAND ISLANDS & DEPENDENCIES and BRITISH ANTARCTIC TERRITORY

ARGENTINE ISLANDS 65°15'S. 64°16'W. 11 ft.

Period 1947-1952 Bibliography 35, 36	Temperature				Relative humidity		Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at	0730	1330	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.				per cent.			inches		
January	36	29	43	22	46	17	84	79	0.9	0.3
February	35	28	42	21	47	16	87	84	2.9	0.8
March	34	27	42	17	46	9	87	85	2.0	0.8
April	29	22	38	13	45	2	84	85	2.8	0.8
May	23	14	38	-3	43	-21	84	83	0.8	0.2
June	21	10	35	-16	40	-29	87	85	1.3	0.7
July	19	7	36	-18	39	-33	86	86	0.9	0.2
August	18	4	37	-25	45	-33	89	87	1.1	0.2
September	21	7	38	-24	41	-38	88	86	2.1	0.6
October	28	16	41	-11	42	-18	88	86	1.0	0.2
November	31	20	40	1	41	-8	86	82	0.4	0.2
December	35	27	40	17	43	13	87	83	1.9	1.6
Year	27	18	45*	-29**	47	-38	86	84	18.1	1.6
No. of years	6	6	6	6	6	6	5	5	2	2

CUMBERLAND BAY 54°16'S. 36°30'W. Rft.

SOUTH GEORGIA

Period 1905-1940 Bibliography 39	Temperature				Relative humidity		Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at	0730	1330	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.				per cent.			inches		
January	48	35	61	29	75	25	77	72	3.3	3.8
February	49	35	64	29	80	26	74	69	4.3	3.5
March	47	34	64	27	84	21	76	69	5.3	4.0
April	42	29	56	22	66	16	75	70	5.4	4.4
May	38	27	50	18	63	12	75	74	5.2	2.2
June	33	24	46	14	57	6	76	75	4.9	5.0
July	34	23	47	13	55	7	75	74	5.5	3.7
August	34	23	46	12	56	-3	75	73	5.3	3.8
September	38	26	51	15	63	9	76	72	3.5	3.2
October	41	28	55	19	67	12	72	70	2.6	2.5
November	44	32	57	25	68	20	73	69	3.4	2.5
December	45	33	59	27	69	22	74	71	3.0	2.6
Year	41	29	69*	9**	84	-3	75	71	51.7	5.0
No. of years	24	23	23	23	23	23	9	9	24	23

DECEPTION ISLAND 62°59'S. 60°34'W. 26 ft.

SOUTH SHETLANDS

Period 1944-1952 Bibliography 35, 36	Temperature				Relative humidity		Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at	0800	1400	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.				per cent.			inches		
January	37	31	46	23	51	19	85	81	2.3	1.2
February	37	31	44	24	48	20	86	83	2.1	0.7
March	35	29	44	20	46	12	89	85	2.7	1.3
April	31	24	39	12	47	2	88	86	2.0	0.9
May	27	19	38	6	42	-6	84	83	0.2	0.2
June	23	14	34	-3	39	-16	90	87	0.3	0.1
July	21	11	37	-7	40	-13	88	87	0.6	0.3
August	22	12	36	-7	41	-18	87	87	1.0	0.4
September	26	17	36	-1	39	-10	89	88	0.9	0.3
October	31	23	40	9	45	2	87	85	4.3	1.4
November	32	25	39	17	42	7	85	82	3.8	3.5
December	36	30	42	24	45	18	85	83	2.0	0.8
Year	30	22	47*	-10**	51	-18	86	85	22.2	3.5
No. of years	8	8	8	8	8	8	8	8	2	2

* Average of highest each year

** Average of lowest each year

LAURIE ISLAND 60°44'S. 44°44'W. 13 ft.

SOUTH ORKNEYS

Period 1903-1950 Bibliography 37, 34	Temperature						Relative humidity Average of observations at 0600 1200	Precipitation			
	Average daily Max. Min.	Average of highest each month Max. Min.	Average of lowest each month Max. Min.	Absolute Max. Min.				Average monthly fall inches	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more	
		degrees Fahrenheit	per cent.		inches						
January	35 29	42	25	54 19	88	85	1·4	0·9	8		
February	35 29	43	23	48 14	88	85	1·5	1·2	9		
March	35 27	43	18	51 5	90	86	1·9	0·9	11		
April	31 21	40	5	46 -25	90	87	1·6	1·2	11		
May	25 13	38	-9	49 -25	93	91	1·2	1·1	9		
June	21 5	35	-19	43 -37	94	93	1·0	1·0	8		
July	20 4	36	-20	46 -34	93	93	1·3	1·7	9		
August	21 5	37	-20	47 -40	94	94	1·3	1·5	9		
September	26 12	38	-13	44 -27	93	92	1·1	1·3	9		
October	30 19	40	-1	48 -24	91	89	1·1	1·1	8		
November	32 24	39	14	48 -5	91	89	1·3	1·4	9		
December	34 28	40	22	49 8	89	86	1·0	1·3	7		
Year	29 18	47*	-27**	54 -40	91	89	15·7	1·7	107		
No. of years	48 48	48	48	48 48	7	7	46	44	44		

STANLEY 51°42'S. 57°51'W. 6 ft.

FALKLAND ISLES

Period 1874-1941 Bibliography 39	Temperature						Relative humidity Average of observations at 0900	Precipitation			
	Average daily Max. Min.	Average of highest each month Max. Min.	Average of lowest each month Max. Min.	Absolute Max. Min.				Average monthly fall inches	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more	
		degrees Fahrenheit	per cent.		inches						
January	56 42	67	34	76 30	78	..	2·8	1·2	17		
February	55 41	65	34	74 30	79	..	2·3	1·7	12		
March	53 40	63	32	70 27	82	..	2·5	1·1	15		
April	49 37	57	29	63 21	86	..	2·6	1·0	14		
May	44 34	51	26	58 20	88	..	2·6	1·5	15		
June	41 31	46	22	51 12	89	..	2·1	1·1	13		
July	40 31	46	22	50 16	89	..	2·0	1·2	13		
August	41 31	48	23	52 12	87	..	2·0	1·0	13		
September	45 33	53	26	59 13	84	..	1·5	0·5	12		
October	48 35	58	28	64 22	80	..	1·6	0·8	11		
November	52 37	63	30	71 26	75	..	2·0	1·4	12		
December	54 39	65	33	71 29	77	..	2·8	1·6	15		
Year	48 36	69*	18**	76 12	83	..	26·8	1·7	162		
No. of years	25 25	25	25	25 25	26	..	41	21	15		

STONINGTON ISLAND 68°11'S. 67°01'W. 28 ft.

GRAHAM LAND

Period 1946-1950 Bibliography 36	Temperature						Relative humidity Average of observations at 0730 1330	Precipitation			
	Average daily Max. Min.	Average of highest each month Max. Min.	Average of lowest each month Max. Min.	Absolute Max. Min.				Average monthly fall in inches	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more	
		degrees Fahrenheit	per cent.		inches						
January	37 27	42	18	43 11	74	71	0·4	0·3	3		
February	34 25	42	16	45 12	72	68	0·6	0·5	4		
March	28 18	41	-4	46 -31	86	83	1·0	0·4	7		
April	24 14	38	-2	44 -16	79	77	1·0	0·4	7		
May	21 7	37	-14	39 -33	84	85	1·7	1·2	9		
June	17 2	37	-29	44 -35	81	82	1·1	0·6	6		
July	18 3	38	-24	40 -32	85	85	1·3	0·6	7		
August	16 -2	36	-30	40 -35	85	84	1·0	0·6	7		
September	17 3	38	-33	41 -39	79	80	1·6	1·3	7		
October	24 9	41	-16	42 -20	80	79	1·7	1·3	8		
November	27 16	39	0	47 -4	75	73	0·9	0·5	5		
December	36 26	43	12	44 9	69	67	0·2	0·4	1		
Year	25 12	45*	-35**	47 -39	79	78	12·5	1·3	71		
No. of years	3 3	.3	3	3 3	3	3	3	3	3		

* Average of highest each year

** Average of lowest each year

GUATEMALA

COBÁN 15°29'N. 90°16'W. 4,285 ft.

Period 1892-1930 Bibliography 40, 41	Temperature				Relative humidity		Precipitation				
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0600	Average of observations at 1200	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max. Min.	Max. Min.								
January	73	52	80	43	88	37	95	72	5.8	6.6	14
February	75	52	83	43	87	38	93	67	4.5	4.1	10
March	77	53	86	44	91	38	94	65	4.4	3.1	9
April	79	56	85	47	90	41	93	66	4.9	3.1	10
May	79	59	85	51	88	45	92	71	7.9	3.8	16
June	78	61	82	55	86	46	95	76	12.3	3.0	22
July	77	60	80	54	83	50	95	78	9.9	2.2	25
August	78	59	80	53	82	48	95	76	10.4	2.5	22
September	77	60	81	55	84	50	95	77	10.5	2.5	23
October	75	59	81	52	85	41	95	79	13.2	5.0	23
November	72	57	79	49	84	44	94	79	8.8	3.9	21
December	73	53	80	44	85	37	93	75	6.5	3.7	17
Year	76	57	87*	40**	91	37	94	73	99.1	6.6	212
No. of years	9	9	13	13	13	13	12	14	38	13	10

GUATEMALA CITY 14°37'N. 90°31'W. 4,855 ft.

Period 1906-1934 Bibliography 40, 41	Temperature				Relative humidity		Precipitation				
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700	Average of observations at 1400	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max. Min.	Max. Min.								
January	73	53	79	47	86	41	91	69	0.3	1.6	4
February	77	54	79	47	85	43	89	62	0.1	0.5	2
March	81	57	84	50	86	41	86	51	0.5	1.2	3
April	82	58	86	53	90	47	81	51	1.2	2.2	5
May	84	60	87	56	89	52	83	55	6.0	1.9	15
June	81	61	83	57	86	52	89	70	10.8	2.5	23
July	78	60	79	55	84	51	91	67	8.0	3.0	21
August	79	60	79	55	83	52	90	72	7.8	1.7	21
September	79	60	80	56	82	54	92	71	9.1	3.4	22
October	76	60	78	54	82	50	92	72	6.8	2.5	18
November	74	57	78	50	83	44	89	71	0.9	1.1	7
December	72	55	76	48	83	41	89	70	0.3	0.3	4
Year	78	58	87*	45**	90	41	88	65	51.8	3.4	145
No. of years	6	6	5	5	13	13	4	4	29	9	16

* Average of highest each year

** Average of lowest each year

GUYANA

GEORGETOWN 6°50'N. 58°12'W. 6 ft.

Period 1846-1953 Bibliography 42, 43	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
	Max. Min.				0700	1300					
degrees Fahrenheit											
January	84	74	86	71	88	68	87	75	8·0	7·2	
February	84	74	86	72	89	69	85	72	4·5	4·3	
March	84	75	86	72	89	69	83	71	6·9	6·0	
April	85	76	87	73	90	71	84	71	5·5	5·7	
May	85	75	87	73	90	70	88	75	11·4	6·3	
June	85	75	87	73	89	69	92	77	11·9	5·1	
July	85	75	87	72	90	70	93	74	10·0	4·3	
August	86	75	88	73	90	71	92	73	6·9	4·6	
September	87	76	89	73	93	69	90	69	3·2	4·0	
October	87	76	89	73	93	70	88	69	3·0	4·5	
November	86	76	89	73	91	69	88	69	6·1	4·9	
December	84	75	87	72	90	70	89	75	11·3	7·7	
Year	85	75	90*	70**	93	68	88	73	88·7	7·7	
No. of years	54	54	45	45	45	45	20	20	35	45	

PARAMARIBO 5°49'N. 55°09'W. 12 ft.

DUTCH GUIANA (SURINAME)

Period 1847-1946 Bibliography 44, 45	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
	Max. Min.				0830	1430	per cent.		inches		
degrees Fahrenheit											
January	85	72	90	68	95	62	92	77	8·4	3·5	
February	85	71	90	68	92	63	90	74	6·5	8·0	
March	85	72	91	68	94	62	89	75	7·9	3·9	
April	86	73	91	70	93	62	89	75	9·0	5·4	
May	86	73	91	71	94	64	90	79	12·2	5·7	
June	86	73	91	71	94	66	91	80	11·9	4·5	
July	87	73	92	71	94	62	90	76	9·1	4·0	
August	89	73	93	72	94	65	88	70	6·2	8·4	
September	91	73	94	71	95	65	87	66	3·1	3·2	
October	91	73	95	71	98	67	87	67	3·0	3·2	
November	89	73	94	71	99	66	88	71	4·9	5·2	
December	86	72	92	70	94	63	91	77	8·8	3·2	
Year	87	73	96*	66**	99	62	89	74	91·0	8·4	
No. of years	35	35	15	15	35	35	35	35	75	75	

CAYENNE 4°56'N. 52°27'W. 20 ft.

FRENCH GUIANA

Period 1845-1927 Bibliography 46, 47	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
	Max. Min.				0900	1500	per cent.		inches		
degrees Fahrenheit											
January	84	74	87	71	91	67	83	80	14·4	16·4	
February	85	74	88	71	93	68	81	78	12·3	14·8	
March	85	74	89	71	92	66	83	80	15·8	10·2	
April	86	75	89	72	92	65	84	81	18·9	23·5	
May	85	74	89	71	92	68	86	83	21·7	8·8	
June	87	73	90	71	93	69	85	79	15·5	5·8	
July	88	73	91	70	93	68	82	75	6·9	6·6	
August	90	73	93	71	96	68	77	71	2·8	2·6	
September	91	74	94	72	97	70	73	69	1·2	1·6	
October	91	74	94	72	97	68	73	69	1·3	3·7	
November	89	74	92	71	95	68	78	74	4·6	5·4	
December	86	74	90	71	93	68	83	79	10·7	6·0	
Year	87	74	94*	69**	97	65	81	77	126·4	23·5	
No. of years	38	38	22	22	23	23	18	18	51	21	

* Average of highest each year

** Average of lowest each year

BALBOA HEIGHTS 8°57'N. 79°33'W. 118 ft.

Period 1898-1944 Bibliography 48	Temperature						Relative humidity Average of observations at 0730 1930	Precipitation			Average No. of days with 0.04 in. or more
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.					
	Max. Min.			Max. Min.	per cent.	inches					
degrees Fahrenheit											
January	88	71	90	68	93	63	88	84	1.0	2.2	4
February	89	71	92	68	95	64	85	81	0.4	2.2	2
March	90	72	93	69	96	65	81	78	0.7	2.4	1
April	90	74	94	70	97	64	81	81	2.9	3.1	6
May	87	74	93	71	96	69	87	88	8.0	7.2	15
June	86	74	91	71	95	70	90	90	8.4	6.5	16
July	87	74	91	71	95	67	90	91	7.1	3.5	15
August	87	74	91	71	94	68	90	91	7.9	4.2	15
September	86	74	91	71	94	68	91	91	8.2	4.3	16
October	85	73	90	71	95	68	90	92	10.1	4.7	18
November	85	73	90	70	94	67	91	92	10.2	6.4	18
December	87	73	91	70	94	66	90	89	4.8	4.3	12
Year	87	73	94*	67**	97	63	88	87	69.7	7.2	138
No. of years	34	34	33	33	34	34	34	22	46	34	34

CRISTOBAL 9°21'N. 79°54'W. 35 ft.

Period Bibliography 49	Temperature						Relative humidity Average of observations at 0730 1930	Precipitation			Average No. of days with 0.04 in. or more
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.					
	Max. Min.			Max. Min.	per cent.	inches					
degrees Fahrenheit											
January	84	76	85	72	88	70	82	81	3.4	3.4	10
February	85	76	85	72	90	69	81	81	1.5	7.9	8
March	85	77	85	73	92	67	80	80	1.5	3.5	7
April	86	77	88	73	94	72	82	82	4.1	5.4	10
May	86	76	89	73	95	71	87	87	12.5	7.5	17
June	86	76	89	73	93	68	89	88	13.9	8.5	20
July	85	76	87	72	91	70	89	88	15.6	6.8	21
August	85	76	88	73	93	70	90	88	15.3	6.9	21
September	86	75	89	72	94	70	89	88	12.7	7.5	20
October	86	75	89	72	95	70	89	89	15.8	11.0	20
November	84	75	87	72	92	69	89	88	22.3	9.8	23
December	85	76	86	71	90	66	86	85	11.7	10.3	16
Year	85	75	92*	71**	95	66	86	85	130.3	11.0	193
No. of years	36	36	13	13	36	36	20	20	73	37	20

* Average of highest each year

** Average of lowest each year

ASUNCION 25°17'S. 57°30'W. 456 ft.

Period 1893-1930 Bibliography 50	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.004 in. or more		
		Max. Min.									
degrees Fahrenheit											
January	95	71	103	61	109	54	81	56	5.5	8.7	
February	94	71	102	62	109	52	82	55	5.1	4.9	
March	92	69	99	59	105	49	84	55	4.3	4.9	
April	84	65	95	51	104	42	86	59	5.2	6.0	
May	77	58	89	44	99	34	89	42	5.6	5.7	
June	72	53	85	38	98	29	88	61	2.7	3.1	
July	74	53	88	38	103	29	84	56	2.2	3.8	
August	78	57	94	40	101	30	79	53	1.5	2.4	
September	83	60	97	43	105	37	76	48	3.1	3.2	
October	86	62	99	49	106	38	73	50	5.5	6.9	
November	90	65	100	55	108	45	74	53	5.9	6.9	
December	94	70	102	58	110	47	73	50	6.2	3.9	
Year	85	63	105*	35**	110	29	81	54	51.8	8.7	
No. of years	15	15	33	33	33	33	9	9	30	30	

ITACURUBI DEL ROSARIO 24°27'S. 57°02'W. 427 ft.

Period Bibliography 51	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.004 in. or more		
		Max. Min.									
degrees Fahrenheit											
January	88	78	..	..	101	61	83	66	8.8	4.6
February	88	76	..	..	100	59	84	66	5.7	2.9
March	87	74	..	..	100	53	85	63	5.0	2.9
April	81	67	..	..	97	48	89	56	4.0	3.3
May	75	61	..	..	94	34	90	67	3.7	2.3
June	71	57	..	..	88	33	89	67	3.0	3.7
July	74	59	..	..	91	34	86	52	3.0	3.0
August	76	61	..	..	95	32	83	58	1.2	1.5
September	79	62	..	..	103	44	80	55	2.3	3.5
October	83	69	..	..	103	50	79	59	8.2	5.3
November	85	73	..	..	99	54	78	61	5.9	3.7
December	89	77	..	..	101	46	80	60	6.2	3.5
Year	81	68	..	..	103	32	84	62	57.0	5.3
No. of years	7	7	..	..	7	7	7	7	7	7

MISION INGLESA 23°23'S. 58°25'W. 361 ft.

Period Bibliography 51	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.004 in. or more		
		Max. Min.									
degrees Fahrenheit											
January	95	71	..	..	108	52	82	53	6.1	5.9
February	95	71	..	..	109	52	82	54	4.8	2.8
March	92	69	..	..	106	48	88	62	5.1	1.7
April	86	63	..	..	103	37	90	58	4.4	3.7
May	81	58	..	..	99	28	92	58	3.6	1.1
June	77	56	..	..	97	28	91	54	3.3	4.9
July	79	55	..	..	96	28	90	57	1.5	2.3
August	82	55	..	..	103	30	86	55	0.8	1.3
September	86	59	..	..	108	32	83	54	2.1	5.0
October	89	63	..	..	109	39	82	56	4.5	2.6
November	91	67	..	..	112	45	84	60	5.6	3.5
December	93	69	..	..	110	53	83	55	5.0	3.1
Year	87	63	..	..	112	28	86	57	46.8	5.9
No. of years	6	6	..	..	11	11	5	5	29	5

* Average of highest each year

** Average of lowest each year

CAJAMARCA 7°09'S. 78°30'W. R.662 ft.

Period 1935-1943 Bibliography 52, 53	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0700 1300	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.	Max. Min.	Max. Min.	Max. Min.						
degrees Fahrenheit											
January	71	48	75	41	77	38	85	38	3.6	1.3	13
February	70	48	75	40	77	32	88	45	4.2	1.9	17
March	70	48	75	41	79	37	92	46	4.6	1.9	17
April	70	47	74	40	77	32	90	42	3.4	1.1	14
May	71	44	76	36	77	30	84	41	1.7	1.0	9
June	70	42	74	35	77	30	81	—	0.5	0.3	4
July	70	41	74	34	77	28	86	33	0.2	0.4	2
August	71	42	75	35	78	30	81	29	0.3	0.1	2
September	71	45	75	39	77	32	85	38	2.3	1.1	9
October	71	47	77	39	79	33	81	34	2.3	1.0	9
November	72	45	76	34	79	31	79	33	1.9	1.0	8
December	71	47	77	35	79	25	86	37	3.2	1.5	11
Year	71	45	78*	32**	79	25	85	38	28.2	1.9	115
No. of years	9	9	9	9	9	9	3	3	9	5	5

CUSCO (CL700) 13°33'S. 71°55'W. 10,581 ft.

Period 1931-1943 Bibliography 52, 53	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0700 1300	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.	Max. Min.	Max. Min.	Max. Min.						
degrees Fahrenheit											
January	68	45	76	39	82	37	79	40	6.4	1.4	18
February	69	45	76	39	81	36	85	37	5.9	1.5	13
March	70	44	76	37	79	35	84	31	4.3	0.7	11
April	71	40	77	33	79	25	87	33	2.0	0.6	8
May	70	35	75	29	78	24	89	29	0.5	0.2	3
June	69	33	74	28	77	23	91	23	0.2	0.3	2
July	70	31	74	23	77	16	95	23	0.2	0.1	2
August	70	34	76	28	77	23	90	24	0.4	0.9	2
September	71	40	77	34	81	30	80	26	1.0	0.9	7
October	72	43	78	36	84	30	73	27	2.6	0.7	8
November	73	43	79	36	82	33	71	26	3.0	1.4	12
December	71	44	77	38	81	34	75	33	5.4	1.9	16
Year	70	40	82*	23**	84	16	83	29	32.0	1.9	102
No. of years	13	13	13	13	13	13	2	2	12	5	5

IAUIA 11°43'S. 75°28'W. 11,113 ft.

Period 1935-1943 Bibliography 52, 53	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0700 1300	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.	Max. Min.	Max. Min.	Max. Min.						
degrees Fahrenheit											
January	61	48	65	44	73	37	81	53	4.5	1.6	18
February	62	49	66	45	73	39	80	53	4.4	1.1	16
March	62	48	67	45	73	39	80	57	3.2	0.9	17
April	62	47	67	43	75	37	77	53	1.5	0.9	9
May	62	45	66	40	73	36	74	51	0.6	0.5	5
June	61	44	68	38	77	30	67	46	0.1	0.2	1
July	61	42	65	37	69	30	63	43	0.1	<0.1	0.4
August	63	43	67	39	73	32	69	44	0.1	0.3	1
September	64	46	69	41	75	36	70	44	1.3	0.5	6
October	65	47	70	42	77	36	70	40	1.7	0.7	9
November	66	47	72	43	79	36	70	41	2.1	0.9	10
December	63	47	70	43	R1	37	77	45	3.4	0.8	15
Year	63	46	73*	36**	R1	30	73	47	23.0	1.6	107
No. of years	8	8	R	R	R	R	5	5	8	5	5

* Average of highest each year

** Average of lowest each year

LIMA 12°05'S. 77°03'W. 394 ft.

Period 1928-1943 Bibliography 52, 53	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1300		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.	Max. Min.		per cent.	inches					
January	82 66	87	62	89	59	93 69	<0.1	0.1	0.5		
February	83 67	88	63	92	59	92 66	<0.1	<0.1	0.1		
March	83 66	87	63	91	61	92 64	<0.1	<0.1	0.1		
April	80 63	84	60	93	56	93 66	<0.1	<0.1	0.2		
May	74 50	80	56	84	52	95 76	0.2	0.1	0.8		
June	68 58	75	54	81	49	95 80	0.2	0.1	1		
July	67 57	73	52	81	49	94 77	0.3	0.1	1		
August	66 56	72	54	81	50	95 78	0.3	0.1	2		
September	68 57	73	54	78	51	94 76	0.3	0.1	1		
October	71 58	76	56	79	53	94 72	0.1	0.1	0.2		
November	74 60	78	56	85	51	93 71	0.1	0.1	0.2		
December	78 62	82	59	87	56	93 70	<0.1	<0.1	0.1		
Year	75 61	89*	51**	93	49	94 72	1.6	0.1	7		
No. of years	15 15	15	15	15	15	5 5	15	7	10		

MOLLENDO 17°00'S. 72°07'W. 80 ft.

Period - Bibliography 54	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.	Max. Min.		per cent.	inches					
January	79 66	..	..	90	51	.. 77	<0.1	<0.1	<0.1	
February	80 67	..	..	90	51	.. 78	0.1	<0.1	1	
March	78 65	..	..	89	59	.. 75	<0.1	<0.1	<0.1	
April	76 63	..	..	84	57	.. 72	<0.1	<0.1	<0.1	
May	72 61	..	..	82	55	.. 75	0.1	<0.1	1	
June	69 59	..	..	78	50	.. 72	0.1	<0.1	1	
July	67 57	..	..	74	50	.. 72	<0.1	<0.1	1	
August	66 57	..	..	77	51	.. 77	0.2	0.1	1	
September	67 57	..	..	75	52	.. 80	0.2	0.1	3	
October	70 59	..	..	78	53	.. 75	0.1	0.1	2	
November	74 62	..	..	80	56	.. 75	0.1	<0.1	1	
December	77 64	..	..	84	58	.. 77	<0.1	<0.1	1	
Year	73 61	..	..	90	50	.. 75	0.9	0.1	12	
No. of years	10 10	..	..	10	10	.. 5	10	10	10	

* Average of highest each year

** Average of lowest each year

SALVADOR

SAN SALVADOR 13°42'N. 89°13'W. 2238 ft.

Period 1912-1950 Bibliography 55, 56	Temperature						Relative humidity Average of observations at 0700 1400 per cent.	Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute				Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with trace or more	
	Max. Min.			Max.	Min.						
degrees Fahrenheit											
January	90 60	95	54	101	45	R1	45	0.3	0.8	1	
February	92 60	96	54	103	49	R0	43	0.2	1.0	1	
March	94 62	98	56	105	45	79	44	0.4	1.3	1	
April	93 65	99	59	104	54	79	50	1.7	3.4	4	
May	91 67	96	63	103	58	R6	60	7.7	4.7	13	
June	87 66	94	63	98	55	R9	66	12.9	7.6	19	
July	89 65	94	62	98	58	RR	61	11.5	3.7	19	
August	89 64	94	63	98	50	R9	62	11.7	6.5	19	
September	87 66	93	62	99	53	91	69	12.1	6.9	20	
October	87 65	92	61	101	54	RR	66	9.5	6.1	16	
November	87 63	92	56	102	49	R0	56	1.6	1.7	4	
December	89 61	93	54	101	47	R1	50	0.4	0.7	2	
Year	90 64	99*	51**	105	45	R4	56	70.0	7.6	118	
No. of years	39 39	33	33	33	33	33	33	39	33	39	

* Average of highest each year

** Average of lowest each year

MONTEVIDEO 34°52'S. 56°12'W. 72 ft.

Period 1888-1941 Bibliography 57, 58	Temperature						Relative humidity		Precipitation		
	Average daily		Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1400		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more	
	Max. Min.	Max. Min.	degrees Fahrenheit						per cent.	inches	
January	83	62	91	58	109	46	76	53	2.9	3.0	
February	82	61	88	58	105	46	81	55	2.6	3.6	
March	78	59	85	56	101	40	85	57	3.9	5.3	
April	71	53	81	49	98	36	87	61	3.9	5.6	
May	64	- 48	74	42	87	29	89	66	3.3	5.9	
June	59	43	67	38	81	25	89	69	3.2	6.2	
July	58	43	69	37	83	26	89	69	2.9	4.3	
August	59	43	73	39	79	25	88	67	3.1	3.3	
September	63	46	75	42	86	29	87	65	3.0	3.7	
October	68	49	78	45	94	29	82	62	2.6	2.6	
November	74	54	85	49	98	38	77	56	2.9	2.8	
December	79	59	88	55	102	41	73	52	3.1	3.0	
Year	70	52	92*	36**	109	25	84	61	37.4	6.2	
No. of years	56	56	23	23	56	56	13	13	56	24	
										23	

* Average of highest each year

** Average of lowest each year

VENEZUELA

CALABOZO 8°56'N. 67°20'W. 348 ft.

Period 1921-1953 Bibliography 60, 61	Temperature						Relative humidity Average of observations at 0730 1330	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max.	Min.							
degrees Fahrenheit										
January	85 80	93	70	98	66	94	58	<0.1	<0.1	
February	84 80	94	71	98	68	94	59	0.1	2.3	
March	87 82	96	72	101	70	90	55	0.3	0.6	
April	87 79	97	72	104	70	92	54	2.8	2.9	
May	85 78	95	71	101	70	93	57	6.7	3.5	
June	83 77	91	71	96	70	95	62	7.4	2.4	
July	83 77	91	71	98	70	95	63	9.1	3.8	
August	83 78	91	71	98	70	95	62	8.6	2.7	
September	84 78	91	71	96	70	94	57	7.2	3.1	
October	84 79	91	71	96	70	93	56	5.1	3.0	
November	84 81	91	72	93	70	94	58	3.3	2.6	
December	85 80	92	72	98	68	95	57	0.6	1.8	
Year	85 79	98*	70**	104	66	94	58	51.3	3.8	
No. of years	5 5	11	11	11	11	3	3	25	11	
									26	

CARACAS 10°30'N. 66°56'W. 3,418 ft.

Period 1891-1946 Bibliography 59, 62	Temperature						Relative humidity Average of observations at	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max.	Min.	Max.	Min.					
degrees Fahrenheit										
January	75 56	80	50	83	47	..	..	0.9	1.6
February	77 56	83	50	88	46	..	..	0.4	1.2
March	79 58	85	52	91	45	..	..	0.6	1.4
April	81 60	86	55	89	51	..	..	1.3	2.9
May	80 62	85	58	89	52	..	..	3.1	3.1
June	78 62	83	58	86	53	..	..	4.0	2.8
July	78 61	81	57	84	52	..	..	4.3	2.8
August	79 61	83	57	86	53	..	..	4.3	2.6
September	80 61	84	57	85	53	..	..	4.2	3.3
October	79 61	84	57	86	54	..	..	4.3	3.2
November	77 60	82	55	84	51	..	..	3.7	2.4
December	78 58	80	51	83	47	..	..	1.8	1.9
Year	78 60	87*	49**	91	45	..	..	32.8	3.3
No. of years	30 30	28	28	21	21	..	..	46	46

MAIQUETIA 10°36'N. 67°00'W. 200 ft.

Period 1950-1954 Bibliography 69	Temperature						Relative humidity Average of observations at 0730 1330	Precipitation		
	Average daily Max. Min.	Average of highest each month	Average of lowest each month	Absolute		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max.	Min.	Max.	Min.					
degrees Fahrenheit										
January	83 72	85	69	86	66	74	73	2.9	2.2	
February	83 72	86	70	87	68	75	73	4.3	6.1	
March	84 73	87	71	89	70	74	72	1.2	2.2	
April	85 75	89	72	89	70	76	72	0.6	1.8	
May	87 76	91	73	93	70	78	71	1.3	0.9	
June	87 76	91	73	93	72	78	70	2.8	2.3	
July	87 76	91	75	91	73	77	71	1.1	0.6	
August	89 78	92	75	93	75	76	70	1.3	0.8	
September	90 79	93	76	93	74	72	68	2.5	1.3	
October	88 78	91	73	92	71	71	69	2.5	1.8	
November	87 76	90	73	91	70	71	69	2.6	2.4	
December	85 75	88	71	90	70	71	71	1.3	1.8	
Year	86 75	93*	68**	93	66	74	71	24.4	6.1	
No. of years	5 5	5	5	5	5	5	5	5	5	

* Average of highest each year

** Average of lowest each year

MARACAIBO 10°39'N. 71°36'W. 20 ft.

Period 1911-1954 Bibliography 60, 62	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700	1300	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
	Max. Min.				per cent.		inches				
degrees Fahrenheit											
January	90	73	94	70	98	66	80	61	0.1	1.2	
February	90	73	94	71	97	68	80	61	<0.1	0.1	
March	91	74	95	71	98	67	78	61	0.3	1.4	
April	92	76	96	73	102	68	78	61	0.8	0.8	
May	92	77	97	72	100	68	82	63	2.7	2.7	
June	93	77	97	73	100	69	80	60	2.2	3.3	
July	94	76	97	74	101	70	81	62	1.8	4.5	
August	94	77	98	72	102	69	82	62	2.2	3.6	
September	94	77	98	72	102	68	84	62	2.8	2.4	
October	92	76	97	70	99	68	84	62	5.9	3.8	
November	91	76	95	73	98	70	83	63	3.3	5.9	
December	91	75	94	71	96	68	82	62	0.6	1.8	
Year	92	76	99*	69**	102	66	81	62	22.7	5.9	
No. of years	12	13	12	13	12	13	5	5	36	13	
										8	

MÉRIDA 8°36'N. 71°09'W. 5,384 ft.

Period 1915-1954 Bibliography 60, 61	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0730	1330	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
	Max. Min.				per cent.		inches				
degrees Fahrenheit											
January	73	56	78	52	81	50	78	66	2.5	1.3	
February	74	58	80	54	85	51	76	63	1.5	1.2	
March	74	59	81	55	84	53	74	63	3.6	1.1	
April	75	60	80	56	88	55	80	67	6.7	2.4	
May	76	61	81	57	84	53	79	67	9.8	4.3	
June	75	60	80	56	83	53	80	67	7.3	2.0	
July	76	59	81	55	86	53	79	67	4.7	2.3	
August	76	59	81	56	84	53	76	60	5.7	2.0	
September	76	59	83	57	85	55	76	57	6.7	2.2	
October	75	60	81	57	86	56	78	64	9.5	4.6	
November	73	59	79	56	83	55	79	68	8.2	4.1	
December	73	57	77	53	82	50	76	66	3.4	2.4	
Year	75	59	83*	51**	88	50	77	65	69.7	4.6	
No. of years	14	14	9	9	9	9	5	5	14	11	
										25	

SANTA ELENA 4°36'N. 61°07'W. 2,816 ft

Period 1940-1954 Bibliography 60, 61, 63	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0800	1400	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
	Max. Min.				per cent.		inches				
degrees Fahrenheit											
January	86	61	89	56	91	55	89	63	2.0	1.9	
February	87	62	88	57	91	55	89	62	2.4	2.3	
March	88	64	91	58	95	53	83	57	3.7	4.7	
April	86	64	90	59	93	57	86	61	5.4	1.9	
May	84	65	89	59	89	57	90	69	8.4	2.3	
June	82	64	85	60	88	59	93	73	9.9	2.8	
July	82	62	85	59	86	57	95	73	8.5	2.3	
August	83	63	87	59	88	54	95	74	6.8	2.4	
September	84	63	89	58	92	56	90	59	3.7	3.1	
October	85	63	90	57	93	55	90	55	3.5	2.1	
November	86	62	90	57	93	55	86	57	5.1	2.8	
December	84	63	88	58	90	57	88	61	4.7	1.9	
Year	85	63	92*	55**	95	53	89	64	64.1	4.7	
No. of years	10	10	7	7	7	7	5	5	7	7	
										235	

* Average of highest each year

** Average of lowest each year

WEST INDIES

GRAND TURK ISLAND 21°29'N. 71°07'W. 11 ft. BAHAMAS

Period 1900-1943 Bibliography 67	Temperature						Relative humidity Average of observations at Max. Min.	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.01 in. or more		
	Max. Min.			Max. Min.	.. ..	inches	13		
degrees Fahrenheit										
January	81	70	84	63	86	60	.. ..	2.2	2.2
February	81	70	85	65	88	61	.. ..	1.4	2.6
March	82	71	87	66	90	63	.. ..	1.1	2.8
April	84	73	88	69	91	67	.. ..	1.5	2.0
May	86	75	89	70	93	66	.. ..	2.6	4.3
June	87	77	90	72	96	68	.. ..	1.6	4.0
July	88	77	90	73	91	70	.. ..	1.7	3.7
August	89	78	91	73	94	71	.. ..	2.0	3.3
September	88	77	92	71	95	66	.. ..	3.2	2.8
October	87	76	91	71	93	70	.. ..	4.0	5.3
November	84	73	88	69	91	65	.. ..	4.5	3.8
December	82	71	86	69	89	66	.. ..	2.7	2.1
Year	85	74	93*	63**	96	60	.. ..	28.5	5.3
No. of years	10	10	10	10	10	10	.. ..	40	19
									19	

Period 1853-1955 Bibliography 67	Temperature						Relative humidity Average of observations at 0700 1300	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.04 in. or more		
	Max. Min.			Max. Min.	per cent.	inches				
degrees Fahrenheit										
January	77	65	82	56	85	41	84	64	1.4	
February	77	64	83	56	86	43	82	62	1.5	
March	79	66	84	58	88	46	81	64	1.4	
April	81	69	86	61	91	53	79	65	2.5	
May	84	71	88	65	92	53	79	65	4.6	
June	87	74	90	69	94	62	81	68	6.4	
July	88	75	91	70	94	67	80	69	5.8	
August	89	76	91	71	94	67	82	70	5.3	
September	88	75	90	70	92	65	84	73	6.9	
October	85	73	89	66	92	54	83	71	6.5	
November	81	70	85	62	89	49	83	68	2.8	
December	79	67	83	58	86	45	84	66	1.3	
Year	83	70	92*	53**	94	41	82	67	46.4	
No. of years	35	35	35	35	35	35	31	11	52	
							57		30	

Period 1912-1948 Bibliography 66	Temperature						Relative humidity Average of observations at 0800 1700	Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average monthly fall in fall	Maximum fall in 24 hr.		Average No. of days with 0.04 in. or more		
	Max. Min.			Max. Min.	per cent.	inches				
degrees Fahrenheit										
January	83	70	85	65	87	61	75	71	2.6	
February	83	69	86	65	87	61	72	66	1.1	
March	85	70	87	66	89	62	69	64	1.3	
April	86	72	88	68	89	64	67	65	1.4	
May	87	73	88	70	91	66	69	67	2.3	
June	87	74	88	71	90	67	72	70	4.4	
July	86	74	88	71	90	68	75	71	5.8	
August	87	74	89	71	95	69	76	72	5.8	
September	87	74	89	71	91	67	76	73	6.7	
October	86	73	88	70	92	67	78	76	7.0	
November	85	73	87	69	89	66	79	78	8.1	
December	83	71	85	67	88	64	77	73	3.8	
Year	85	72	90*	64**	95	61	74	71	50.2	
No. of years	35	35	35	35	35	35	20	20	22	
							22		22	

* Average of highest each year

** Average of lowest each year

HAMILTON 32°17'N. 64°46'W. 151 ft.

BERMUDA

Period 1852-1940 Bibliography 67	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0730 1430		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
		Max. Min.			per cent.				
degrees Fahrenheit									
January	68	58	74	49	81	41	78	70	4.4 3.0
February	68	57	74	49	81	40	76	69	4.7 5.4
March	68	57	74	49	84	41	77	69	4.8 5.1
April	71	59	77	52	87	42	78	70	4.1 11.4
May	76	64	81	57	88	49	81	75	4.6 5.5
June	81	69	86	63	92	58	82	74	4.4 8.0
July	85	73	89	69	98	62	81	73	4.5 4.4
August	86	74	90	69	99	62	79	69	5.4 5.9
September	84	72	89	67	98	59	81	73	5.2 6.1
October	79	69	85	62	92	53	79	72	5.8 5.7
November	74	63	80	56	87	49	76	70	5.0 6.0
December	70	60	76	52	81	45	77	70	4.7 4.6
Year	76	65	91*	46**	99	40	79	71	57.6 11.4
No. of years	66	59	65	57	65	57	6	62	64

CIENFUEGOS 22°09'N. 80°27'W. 98 ft.

CUBA

Period 1911-1948 Bibliography 65, 67, 68	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0530 1330		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
		Max. Min.			per cent.				
degrees Fahrenheit									
January	81	63	86	54	88	46	91	55	0.7 1.8
February	82	62	87	52	91	45	90	53	1.0 2.2
March	84	64	88	57	92	45	89	53	1.3 2.6
April	85	67	89	61	91	50	88	55	1.8 1.8
May	87	69	91	63	94	56	89	59	4.7 3.9
June	89	71	93	68	95	66	91	63	6.0 10.0
July	90	72	94	69	95	68	91	60	4.8 3.0
August	90	72	93	69	94	67	92	60	6.3 5.5
September	89	71	93	69	95	68	93	63	6.8 4.9
October	88	71	92	66	93	60	94	64	6.3 10.0
November	83	67	88	58	91	52	92	60	1.6 4.3
December	82	64	87	55	89	48	93	57	0.9 1.7
Year	86	68	94*	50**	95	45	91	58	42.2 10.0
No. of years	12	12	12	12	12	12	12	33	30

HABANA (HAVANA) 23°08'N. 82°21'W. 80 ft.

CUBA

Period 1873-1945 Bibliography 67, 72	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0530 1130		Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
		Max. Min.			per cent.				
degrees Fahrenheit									
January	79	65	86	57	89	50	85	64	2.8 6.4
February	79	65	87	56	91	50	85	61	1.8 3.1
March	81	67	88	59	91	53	84	58	1.8 3.3
April	84	69	90	63	94	55	83	58	2.3 8.3
May	86	72	91	67	94	59	85	62	4.7 6.3
June	88	74	92	70	96	66	87	65	6.5 4.8
July	89	75	92	71	93	66	87	62	4.9 4.1
August	89	75	92	71	95	68	88	64	5.3 4.4
September	88	75	92	71	94	67	89	66	5.9 3.8
October	85	73	91	69	94	63	87	68	6.8 6.6
November	81	69	87	61	91	55	85	65	3.1 7.6
December	79	67	87	58	89	51	84	64	2.3 3.5
Year	84	70	93*	54**	96	50	86	63	48.2 8.3
No. of years	25	25	25	25	25	25	43	72	70

* Average of highest each year

** Average of lowest each year

WILLEMSTAD 12°06'N. 69°56'W. 75 ft.

CURAÇAO

Period Bibliography 72	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0830	1430	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.			Max. Min.	per cent.		inches		
degrees Fahrenheit									
January	83	75	86	70	87	68	77	69	2.1 1.7 14
February	84	74	87	71	91	66	78	68	1.0 0.8 8
March	84	74	88	71	90	63	76	66	0.8 1.9 7
April	86	76	89	73	91	68	76	67	1.1 1.1 4
May	86	77	90	74	96	70	76	68	0.8 1.7 4
June	87	78	90	74	94	71	76	68	1.0 1.9 7
July	87	77	90	74	94	72	77	68	1.5 1.6 9
August	88	78	92	74	95	71	77	67	1.2 2.4 8
September	89	78	93	74	96	71	77	67	1.1 3.6 6
October	88	78	92	73	94	70	77	70	4.2 5.1 9
November	86	76	90	72	92	68	79	72	4.4 6.2 15
December	84	75	88	71	91	69	78	71	3.9 2.8 16
Year	86	76	94*	69**	96	63	77	68	22.9 6.2 107
No. of years	32	32	28	28	24	24	24	24	70 23 40

ROSEAU (BOTANIC GARDENS) 15°18'N. 61°23'W. 60 ft.

DOMINICA

Period 1893-1907 1923-1948 Bibliography 64, 68	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0900	1500	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.			Max. Min.	per cent.		inches		
degrees Fahrenheit									
January	84	68	87	64	91	60	76	45	5.2 2.6 16
February	85	67	88	64	93	61	73	62	2.9 0.9 10
March	87	68	90	65	96	61	70	59	2.9 2.1 13
April	88	69	92	66	97	63	66	61	2.4 1.5 10
May	90	71	94	68	97	64	67	61	3.8 4.8 11
June	90	73	93	70	96	68	69	65	7.7 2.5 15
July	89	72	91	70	95	65	75	69	10.8 5.4 22
August	89	73	92	70	95	67	76	69	10.3 4.5 22
September	90	73	92	70	95	65	74	67	8.9 4.1 16
October	89	72	93	70	98	65	75	70	7.8 5.6 16
November	87	71	91	69	95	64	78	70	8.8 2.6 18
December	86	69	89	66	93	62	77	67	6.4 1.9 16
Year	88	71	95*	63**	97	60	73	65	77.9 5.6 185
No. of years	17	17	17	17	17	17	10	10	39 6 12

CIUDAD TRUJILLO 18°29'N. 69°54'W. 57 ft.

DOMINICAN REPUBLIC

Period 1921-1949 Bibliography 67, 68, 72	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0900	1500	Average monthly fall in fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
	Max. Min.			Max. Min.	per cent.		inches		
degrees Fahrenheit									
January	84	66	88	63	92	59	91	64	2.4 2.3 7
February	85	66	88	62	93	60	88	58	1.4 1.4 6
March	84	67	89	63	94	60	90	60	1.9 2.8 5
April	85	69	90	65	95	62	90	62	3.9 8.9 7
May	86	71	90	68	94	65	89	65	6.8 4.9 11
June	87	72	91	70	96	67	90	66	6.2 5.4 12
July	88	72	92	70	98	68	90	66	6.4 5.7 11
August	88	73	94	70	98	64	90	66	6.3 4.0 11
September	88	72	93	70	98	68	91	66	7.3 20.0 11
October	87	72	92	69	95	66	92	66	6.0 4.6 11
November	86	70	90	67	97	61	92	66	4.8 6.1 10
December	85	67	89	65	95	62	91	66	2.4 1.4 8
Year	86	70	95*	61**	98	59	90	64	55.8 20.0 110
No. of years	26	26	25	25	25	25	4	4	25 25 26

* Average of highest each year

** Average of lowest each year

WEST INDIES

PART II - 41

CAMP JACOB		16°01'N. 61°42'W. 1,750 ft.						GUADALOUPE		
Period 1891-1912. Bibliography 66, 73	Average daily Max. Min.	Temperature			Relative humidity		Precipitation			
		Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1700	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
degrees Fahrenheit										
January	77 44	78	59	86 56	83 80	9·2	2·8	23		
February	76 63	78	58	88 54	82 77	6·1	2·6	18		
March	77 63	80	59	85 56	82 75	8·1	5·0	20		
April	79 65	83	60	85 58	82 76	7·3	3·5	20		
May	80 67	84	63	87 60	85 77	11·5	5·2	23		
June	80 69	83	64	86 57	83 75	14·1	5·2	25		
July	81 68	83	63	86 57	83 76	17·6	8·5	27		
August	82 69	85	64	88 57	82 75	15·3	8·7	26		
September	82 69	85	65	89 63	84 78	16·4	9·2	23		
October	81 68	84	64	92 59	84 81	12·4	10·3	24		
November	80 67	82	53	91 60	84 79	12·3	6·6	22		
December	78 65	80	61	88 58	85 81	10·1	4·7	23		
Year	79 66	85*	57**	92 54	83 78	140·4	10·3	274		
No. of years	19 19	10	10	18 18	6 4	21	12	20		

PORT-AU-PRINCE		18°33'N. 72°20'W. 121 ft.						HAITI		
Period 1863-1934 Bibliography 67, 73	Average daily Max. Min.	Temperature			Relative humidity		Precipitation			
		Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1300	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
degrees Fahrenheit										
January	87 68	91	64	93 62	71 44	1·3	1·7	3		
February	88 68	92	65	95 61	71 44	2·3	7·2	5		
March	89 69	93	66	98 60	70 45	3·4	3·5	7		
April	89 71	94	68	98 61	71 49	6·3	4·4	11		
May	90 72	94	69	99 66	75 54	9·1	4·3	13		
June	92 73	96	70	99 66	71 50	4·0	2·9	8		
July	94 74	98	70	101 67	68 43	2·9	2·9	7		
August	93 73	97	70	101 68	72 49	5·7	5·2	11		
September	91 73	95	70	99 67	76 54	6·9	5·8	12		
October	90 72	93	59	98 66	79 55	6·7	4·3	12		
November	88 71	92	68	96 64	77 54	3·4	3·2	7		
December	87 69	91	65	93 60	73 48	1·3	3·4	3		
Year	90 71	98*	63**	101 60	73 49	53·3	7·2	99*		
No. of years	42 42	59	59	59 59	56 56	70	45	31		

KINGSTON		17°58'N. 76°48'W. 110 ft.						JAMAICA		
Period 1881-1943 Bibliography 67	Average daily Max. Min.	Temperature			Relative humidity		Precipitation			
		Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1500	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0·04 in. or more		
degrees Fahrenheit										
January	86 57	90	63	93 57	84 61	0·9	1·8	3		
February	86 67	89	63	92 59	84 62	0·6	1·8	3		
March	86 68	89	64	93 58	81 62	0·9	3·5	2		
April	87 70	90	67	93 63	79 66	1·2	1·8	3		
May	87 72	91	69	94 66	77 68	4·0	9·3	4		
June	89 74	92	71	95 68	78 68	3·5	9·4	5		
July	90 73	93	70	96 66	77 65	1·5	4·4	4		
August	90 73	93	71	97 68	82 70	3·6	4·5	7		
September	89 73	93	71	96 68	85 70	3·9	6·4	6		
October	88 73	92	69	96 65	88 73	7·1	11·0	9		
November	87 71	91	67	96 62	87 68	2·9	8·9	5		
December	87 69	90	65	96 57	85 62	1·4	4·8	4		
Year	88 71	94*	62**	97 57	82 66	31·5	11·0	55		
No. of years	33 33	33	33	33 33	11 11	59	49	8		

* Average of highest each year

** Average of lowest each year

PALISADOES 17°56'N. 76°47'W. 25 ft.

JAMAICA

Period 1942-1951 Bibliography 74	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0700 1300	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.	Max.	Min.	per cent.						
January	86	72	89	69	91	67	82	63	0.5	1.9	
February	85	72	88	69	91	67	82	65	0.4	1.1	
March	85	73	88	70	91	68	80	68	0.2	0.4	
April	86	74	89	71	90	69	79	70	1.2	1.7	
May	87	76	89	71	91	69	80	74	2.9	3.8	
June	88	77	91	73	93	72	78	73	4.9	11.3	
July	88	77	92	73	95	71	78	71	2.1	2.1	
August	88	77	91	73	93	70	80	73	5.8	16.9	
September	88	77	92	72	94	70	81	74	6.3	3.7	
October	88	76	91	73	92	70	83	72	6.2	5.2	
November	87	75	91	72	93	69	83	67	2.2	2.7	
December	86	73	90	70	91	67	83	65	1.3	5.5	
Year	87	75	93*	68**	95	67	81	70	34.0	16.9	
No. of years	10	10	10	10	10	10	8	8	9	9	

FORT-DE-FRANCE 14°37'N. 61°05'W. 13 ft.

MARTINIQUE

Period 1891-1921 Bibliography 66, 73	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0600 1600	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more		
		Max. Min.	Max.	Min.	per cent.						
January	83	69	85	64	90	59	90	77	4.7	2.7	
February	84	69	86	64	91	60	88	73	4.3	1.6	
March	85	69	88	64	91	56	88	72	2.9	2.4	
April	86	71	90	67	94	63	88	71	3.9	2.1	
May	87	73	90	70	93	66	88	74	4.7	4.4	
June	86	74	89	71	92	66	89	77	7.4	3.5	
July	86	74	89	71	90	68	90	78	9.4	4.3	
August	87	74	90	71	94	66	91	78	10.3	7.8	
September	88	74	91	71	96	68	91	79	9.3	6.1	
October	87	73	90	70	94	65	92	80	9.7	4.2	
November	86	72	89	69	92	64	92	81	7.9	4.8	
December	84	71	87	65	89	61	91	79	5.9	3.6	
Year	86	72	91*	62**	96	56	90	77	80.2	7.8	
No. of years	22	22	22	22	22	22	23	23	31	23	

PLYMOUTH 16°43'N. 62°13'W. 130 ft.

MONTSERRAT

Period 1915-1939 Bibliography 66, 72	Temperature						Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute		Average of observations at 0900 1500	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more		
		Max. Min.	Max.	Min.	per cent.						
January	82	70	85	66	89	62	69	65	4.8	1.9	
February	83	70	87	66	91	62	66	61	3.4	3.1	
March	85	70	89	65	93	62	65	59	4.4	4.2	
April	86	72	90	68	94	63	62	59	3.5	1.7	
May	88	74	91	70	96	67	63	60	3.8	1.9	
June	88	75	92	71	98	66	65	63	4.4	2.3	
July	87	75	91	72	98	70	66	64	6.1	2.5	
August	88	75	92	71	98	69	68	66	7.2	4.0	
September	89	74	92	70	97	67	68	66	6.6	>12.0	
October	87	74	91	70	94	67	69	66	7.7	7.6	
November	85	73	90	68	98	59	70	68	7.1	4.5	
December	83	72	87	68	92	64	70	67	5.5	1.6	
Year	86	73	94*	63**	98	59	67	64	64.5	>12.0	
No. of years	14	15	14	15	14	15	10	10	15	13	

* Average of highest each year

** Average of lowest each year

SAN JUAN 18°29'N. 60°07'W. 82 ft.

PUERTO RICO

Period 1898-1947 Bibliography 69, 71	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0900 1200		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
		Max. Min.			per cent.				
degrees Fahrenheit									
January	80	70	84	66	88	63	81	75	4.3
February	80	70	85	66	91	62	79	74	2.7
March	81	70	86	66	91	63	76	74	2.9
April	82	72	88	68	93	65	75	75	4.1
May	84	74	90	70	94	66	76	75	5.9
June	85	75	90	71	93	66	76	77	5.4
July	85	75	88	72	92	70	77	78	5.7
August	85	76	89	72	93	68	77	77	6.3
September	86	75	90	72	94	69	78	77	6.2
October	85	75	90	71	94	68	79	76	5.6
November	84	73	88	70	93	66	80	76	6.3
December	81	72	85	68	90	62	81	77	5.4
Year	83	73	92*	65**	94	62	78	76	60.8
No. of years	48	48	43	43	48	48	38	19	43

LA GUERITE 17°20'N. 62°45'W. 157 ft.

ST. CHRISTOPHER (ST. KITTS)

Period 1929-1952 Bibliography 64	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0900 1500		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.01 in. or more
		Max. Min.			per cent.				
degrees Fahrenheit									
January	80	71	83	67	86	64	72	69	4.1
February	81	70	83	67	85	62	69	66	2.0
March	82	71	85	68	89	65	70	65	2.3
April	83	73	85	69	87	67	69	67	2.3
May	84	75	87	71	89	67	72	71	3.8
June	85	76	88	73	89	69	73	71	3.6
July	86	76	87	72	89	70	73	71	4.4
August	86	76	88	72	89	70	74	72	5.2
September	86	76	88	72	91	68	74	73	6.0
October	85	75	88	72	90	69	75	73	5.4
November	84	74	86	71	89	68	76	74	4.5
December	82	73	84	69	87	61	74	72	2.7
Year	84	74	89*	66**	91	61	73	70	50.9
No. of years	19	19	20	19	20	19	19	19	21

SOUFRIÈRE 14°01'N. 61°00'W. 10 ft.

ST. LUCIA

Period 1898-1914 1931-1939 Bibliography 66	Temperature				Relative humidity		Precipitation		
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700 1200		Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more
		Max. Min.			per cent.				
degrees Fahrenheit									
January	82	69	85	63	87	57	90	70	5.3
February	83	69	85	63	89	59	90	68	3.6
March	84	69	88	64	90	59	88	65	3.8
April	87	71	91	66	95	63	87	64	3.4
May	88	73	92	70	97	67	87	65	5.9
June	88	74	91	70	97	67	85	69	8.6
July	87	74	91	71	95	69	89	71	9.3
August	88	74	91	70	94	68	90	59	10.6
September	88	73	91	70	94	68	91	70	9.9
October	87	72	90	69	91	66	93	69	9.3
November	85	71	88	68	90	65	92	75	9.1
December	83	70	86	65	89	61	92	71	7.8
Year	86	72	93*	61**	97	57	90	69	86.6
No. of years	17	17	17	17	17	17	8	8	17

* Average of highest each year

** Average of lowest each year

SWAN ISLANDS 17° 24'N. 83° 56'W. 35 ft.

Period 1917-1930 Bibliography 70, 73	Temperature						Relative humidity Average of observations at 0700 1300	Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Max. Min.	per cent.		Average monthly fall in fall	Maximum 24 hr.	Average No. of days with 0.01 in. or more	
		Max. Min.	Max. Min.					fall	fall		
		degrees Fahrenheit									
January	83	73	..	..	88	64	79	71	3.3	4.4	13
February	83	73	..	..	86	66	79	68	1.5	1.0	8
March	85	74	..	..	89	67	79	66	1.1	2.5	6
April	86	75	..	..	90	68	80	67	0.9	3.0	5
May	88	77	..	..	92	68	82	71	2.5	3.9	7
June	86	76	..	..	92	70	84	74	7.2	4.9	15
July	87	77	..	..	91	70	84	73	4.3	4.9	12
August	88	77	..	..	91	70	85	70	3.7	3.0	13
September	88	77	..	..	91	70	85	71	5.2	3.5	13
October	87	76	..	..	90	70	83	72	8.0	10.8	17
November	85	75	..	..	89	70	82	74	9.2	5.5	16
December	84	74	..	..	88	69	83	76	3.9	4.1	15
Year	86	75	..	..	92	64	82	71	50.8	10.8	140
No. of years	8	8	..	..	R	R	3	3	11	13	13

ST. CLAIR (BOTANIC GARDENS) 10° 40'N. 61° 31'W. 67 ft.

TRINIDAD

Period 1862-1958 Bibliography 74a	Temperature						Relative humidity Average of observations at 0700 1500	Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Max. Min.	per cent.		Average monthly fall in fall	Maximum 24 hr.	Average No. of days with 0.01 in. or more	
		Max. Min.	Max. Min.					fall	fall		
		degrees Fahrenheit									
January	87	69	91	64	95	57	89	68	2.7	2.0	14
February	88	68	91	64	96	57	87	65	1.6	3.0	10
March	89	68	92	64	98	54	85	63	1.8	1.8	9
April	90	69	93	65	98	55	83	61	2.1	3.1	9
May	90	71	93	67	99	59	84	63	3.7	2.6	12
June	89	71	92	68	99	60	87	69	7.6	2.3	19
July	88	71	91	67	98	52	88	71	8.6	3.1	22
August	88	71	92	68	99	61	87	73	9.7	3.2	23
September	89	71	93	68	101	58	87	73	7.6	4.1	19
October	89	71	93	68	96	61	87	74	6.7	5.1	18
November	89	71	92	67	96	60	89	74	7.2	2.9	18
December	88	69	92	66	97	60	89	71	4.9	3.3	17
Year	89	70	95*	62**	101	52	87	69	64.2	5.1	190
No. of years	49	49	49	49	40	49	22	22	97	32	22

PIARCO AIRPORT 10° 37'N. 61° 21'W. 41 ft.

TRINIDAD

Period 1946-1958 Bibliography 74a	Temperature						Relative humidity Average of observations at 0800 1400	Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Max. Min.	per cent.		Average monthly fall in fall	Maximum 24 hr.	Average No. of days with 0.01 in. or more	
		Max. Min.	Max. Min.					fall	fall		
		degrees Fahrenheit									
January	86	68	88	63	80	60	90	65	3.4	2.3	18
February	86	69	89	63	90	61	89	62	2.5	1.8	15
March	88	60	91	65	93	62	84	58	1.2	1.0	13
April	89	71	92	67	95	63	79	57	2.4	2.8	11
May	89	73	92	70	94	66	84	65	5.0	1.0	21
June	87	73	91	70	94	69	88	73	11.5	2.0	26
July	87	73	91	69	92	65	89	73	10.2	3.5	26
August	88	72	91	69	92	68	89	73	0.8	4.7	24
September	89	73	92	69	93	67	88	70	6.1	2.4	18
October	89	72	92	69	95	67	88	71	5.7	2.3	20
November	88	71	91	68	92	64	89	72	7.5	3.1	22
December	86	70	89	65	90	62	90	70	6.7	4.3	21
Year	88	71	93*	62**	95	60	87	67	73.2	4.7	235
No. of years	13	13	13	13	13	13	13	13	13	13	13

* Average of highest each year.

** Average of lowest each year.

EASTER ISLAND (ISLA DE PASCUA) 27°10'S. 109°26'W. 98 ft.								(PACIFIC)		
Period 1911-1913 Bibliography 75	Temperature				Relative humidity		Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700	1400	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more	
	Max. Min.	Max. Min.	Max. Min.	Max. Min.	degrees Fahrenheit		per cent.		inches	
<i>January</i>										
January	79	67	83	63	83	62	82	75	5.2	2.3
February	81	67	85	63	88	63	81	72	1.6	0.9
March	79	68	84	64	85	63	83	76	9.0	2.9
April	76	65	80	57	81	56	85	75	5.1	2.4
May	75	63	80	56	82	55	84	75	3.9	2.3
June	70	60	75	53	74	52	84	79	9.5	6.6
July	69	59	73	52	75	51	86	78	3.2	1.6
August	69	59	73	53	74	51	86	78	2.6	1.6
September	70	59	74	53	75	52	85	76	3.5	1.3
October	72	59	76	54	77	51	79	72	2.2	1.8
November	73	62	78	57	79	56	85	76	5.0	3.6
December	77	65	81	60	81	58	81	76	2.9	2.1
Year	74	63	85*	51**	88	51	83	76	53.7	6.6
No. of years	2	2	2	2	2	2	2	2	2	2

FERNANDO DE NORONHA 3°50'S. 32°55'W. 312 ft.								(ATLANTIC)		
Period 1911-1942 Bibliography 76	Temperature				Relative humidity		Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0700	1400	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more	
	Max. Min.	Max. Min.	Max. Min.	Max. Min.	degrees Fahrenheit		per cent.		inches	
<i>January</i>										
January	83	76	85	72	87	70	87	78	1.9	3.2
February	83	76	85	72	86	69	87	79	4.6	4.9
March	83	76	85	72	87	69	88	81	8.1	7.6
April	82	75	84	72	87	68	89	83	10.5	4.1
May	82	75	84	71	85	68	87	83	10.4	5.1
June	81	75	83	71	85	69	85	81	7.2	5.0
July	80	74	81	70	85	69	85	79	4.5	6.4
August	80	73	82	71	85	69	84	78	1.7	2.2
September	81	74	83	71	86	69	83	77	0.5	0.6
October	82	75	84	72	86	70	82	75	0.3	1.4
November	82	75	84	72	87	65	82	75	0.3	1.3
December	82	76	85	73	86	70	84	77	0.4	0.7
Year	82	75	86*	69**	87	65	85	79	50.4	7.6
No. of years	14	14	14	14	24	24	14	14	19	24

MÁS A TIERRA (JUAN FERNANDEZ) 33°37'S. 78°52'W. 20 ft.								(PACIFIC)		
Period 1901-1942 Bibliography 77	Temperature				Relative humidity		Precipitation			
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at 0630	1230	Average monthly fall	Maximum fall in 24 hr.	Average No. of days with 0.04 in. or more	
	Max. Min.	Max. Min.	Max. Min.	Max. Min.	degrees Fahrenheit		per cent.		inches	
<i>January</i>										
January	72	60	78	55	86	45	73	63	0.8	1.7
February	72	61	78	56	85	51	71	61	1.2	2.0
March	71	60	77	55	83	51	73	61	1.6	2.4
April	68	57	73	53	77	48	76	65	3.4	2.3
May	65	55	71	49	77	44	78	67	5.9	3.3
June	61	52	67	46	73	41	76	67	4.4	4.2
July	60	50	64	44	72	39	76	70	5.8	3.2
August	59	49	55	44	70	39	77	71	4.4	2.2
September	60	50	66	44	71	41	76	69	2.9	2.4
October	61	51	67	46	72	42	74	64	1.9	2.9
November	65	54	71	49	80	45	72	61	1.6	2.8
December	69	57	75	52	82	48	72	64	1.0	1.8
Year	65	55	80*	43**	86	39	75	65	36.9	4.2
No. of years	25	25	24	25	26	25	9	9	29	19

* Average of highest each year

** Average of lowest each year

ISLANDS

SEYMORE ISLAND (GALAPAGOS ISLANDS) 0°28'S. 90°18'W. 36 ft. (PACIFIC)

Period 1942-1945) Bibliography 78, 79	Temperature				Relative humidity		Precipitation			Average No. of days with trace or more
	Average daily	Average of highest each month	Average of lowest each month	Absolute	Average of observations at ..	Average monthly fall	Maximum fall in 24 hr.			
	Max. Min.			Max. Min.	.. ..				
degrees Fahrenheit										
January	86	72	..	90	66	..	..	0·8	0·3	8
February	86	75	..	90	70	..	..	1·4	1·0	9
March	88	75	..	93	70	..	..	1·1	2·5	6
April	87	75	..	90	71	..	..	0·7	2·5	6
May	86	73	..	89	69	..	..	<0·1	<0·1	4
June	83	71	..	87	68	..	..	<0·1	<0·1	4
July	81	69	..	88	67	..	..	<0·1	0·1	9
August	81	67	..	87	60	..	..	<0·1	0·1	8
September	80	66	..	86	59	..	..	<0·1	<0·1	7
October	81	67	..	86	58	..	..	<0·1	0·1	2
November	81	68	..	86	62	..	..	<0·1	<0·1	4
December	83	70	..	88	61	..	..	<0·1	<0·1	6
Year	83	71	..	93	58	..	..	4·0	2·5	73
No. of years	3	3	..	3	3	..	..	3	2	3

B I B L I O G R A P H Y

ARGENTINA

1. London, Admiralty, Hydrographic Office. South America Pilot, Pt. I, 9th edn., London, 1945.
2. London, Admiralty, Hydrographic Office. South America Pilot, Pt. II, 13th edn., London, 1942.
3. Buenos Aires, Oficina Meteorológica Nacional. Boletin mensual, 1916-1923, Buenos Aires.
4. Buenos Aires, Servicio Meteorológico Nacional. Anales climatológicos, 1928-1944. Buenos Aires, 1946-1947.
5. Washington, Hydrographic Office. Weather summary, South America, southern part. Washington D.C., 1945.
6. REED, W.W.; Climatological data for southern South America. Mon. Weath. Rev., Washington, Supplement No. 32, 1929.

BOLIVIA

7. La Paz, Servicio Meteorológico de Bolivia. Boletin mensual del tiempo, 1943-1949. La Paz.
8. La Paz, Servicio Meteorológico de Bolivia. Boletin anual meteorológico, 1946-1952. La Paz.
9. La Paz (Bolivia), Observatorio San Calixto. Resúmenes generales anuales de las observaciones meteorológicas [1918-1948]. La Paz, s.a.
10. ESCOBAR, I.; Régimen pluviométrico de Bolivia (Estudio preliminar). La Paz, 1948.
11. Washington D.C., Smithsonian Institution. World weather records. Smithson. misc. Coll., Washington, 90, 1934.
12. Washington, Hydrographic Office. Weather summary, South America, southern part. Washington D.C., 1945.

BRAZIL

13. Rio de Janeiro, Serviço de Meteorologia. Normais climatológicas. Rio de Janeiro, 1941.
14. Rio de Janeiro, Directoria de Meteorologia. Boletim de normas. Rio de Janeiro, 1922.
15. Rio de Janeiro, Directoria de Meteorologia. Boletim meteorológico. Rio de Janeiro, 1911-1923.
16. Rio de Janeiro, Instituto de Meteorologia, Hidrometria e Ecologia Agrícola. Boletim mensal, 1924-1935. Rio de Janeiro.
17. MORIZE, H.; Contribuição ao estudo do clima do Brasil. Rio de Janeiro, 1922.
18. London, Admiralty, Hydrographic Office. South America Pilot, Pt. I, 9th edn., London, 1945.
19. Washington, Hydrographic Office. Weather summary, Brazil. Washington D.C., 1945.

BRITISH HONDURAS

20. London, Admiralty, Hydrographic Office. West Indies Pilot, Vol. I, 10th edn., London, 1941.
21. Manuscript data held in the Meteorological Office, London.

CHILE

22. Santiago, Oficina meteorológica de Chile. Anuario meteorológico, 1911-1942. Santiago, 1912-1943.
23. London, Admiralty, Hydrographic Office. South America Pilot, Pt. II, 13th edn., London, 1942.
24. London, Admiralty, Hydrographic Office. South America Pilot, Pt. III, 3rd edn., London, 1941.
25. Washington, Hydrographic Office. Weather summary, South America, southern part. Washington D.C., 1945.

COLOMBIA

26. Washington, Hydrographic Office. Weather summary, South America, northern and northwestern part. Washington D.C., 1945.
27. Washington, Weather Bureau. Climatological data. West Indies and Caribbean. Chattanooga, 1922-1952.

COSTA RICA

28. San José, Instituto Físico - Geográfico Nacional de Costa Rica. Anales. San José, 1888-1894.
29. San José, Dirección General de Estadística y Censos. Geografía y Climatología de Costa Rica. Ser. Estad., San José, No. 8, 1951.
30. REED, W.W.; Climatological data for Central America. Mon. Weath. Rev., Washington, 51, 1923, p. 133.

ECUADOR

31. Quito, Servicio Meteorológico del Ecuador. Resúmenes mensuales de la estación central de Quito correspondientes a los años de 1935-43, inclusive. Bol. met., Quito, No. 1, 1944.
32. Quito, Servicio Meteorológico del Ecuador. Resúmenes de las observaciones meteorológicas, correspondientes a los años de 1935-1943 inclusive. Bol. met., Quito, No. 2, 1945.
33. Quito, Servicio Meteorológico del Ecuador. Resúmenes anuales correspondientes a 1944-47. Bol. met., Quito, No. 3, 1950.
34. Quito, Armada del Ecuador, Boletín meteorológico, Quito, No. 2, [1953].

FALKLAND ISLANDS AND DEPENDENCIES

35. Stanley, Falkland Islands and Dependencies Meteorological Service. Annual meteorological tables 1951-52. Stanley, [1953].
36. PEPPER, J.; The meteorology of the Falkland Islands and Dependencies 1944-1950. London, 1954.
37. Buenos Aires, Servicio Meteorológico Nacional. Datos climatológicos y geomagnéticos Islas Orcadas del Sud 1903-1950. Buenos Aires, 1951.
38. Buenos Aires, Servicio Meteorológico Nacional. Anales climatológicos 1928-1943. Buenos Aires, 1946-1947.
39. Manuscript data held in the Meteorological Office, London.

GUATEMALA

40. Washington, Hydrographic Office. Weather summary, Central America. Washington D.C., 1948.
41. SAPPER, K. and LOTTERMOSER, E. Meteorologische Beobachtungen angestellt in der Alta Verapaz (atlantische Abdachung von Guatemala) 1891-1913. Met. Z. Braunschweig, 8-32, 1892-1915.

GUIANA (British, Dutch, French)

42. British Guiana, Blue Book, 1894-1953.
43. HARRISON, Sir J.B.; Climate of British Guiana. Abstract of observations 1846-1925. Georgetown, 1925.
44. De Bilt, Koninklijk Nederlandsch Meteorologische Instituut. Summary of the meteorological observations made at the meteorological stations in the Netherlands West Indies during the years 1916-1946. S'Gravenhage, 1931-1948.
45. BRAAK, C. The climate of the Netherlands West Indies. Meded. Verh., De Bilt, No. 36, g.a.
46. London, Admiralty, Hydrographic Office. West Indies Pilot, Vol. II, 9th edn., London, 1942.
47. Washington, Hydrographic Office. Weather summary, South America, northern and northwestern part. Washington D.C., 1945.

PANAMA

48. London, Admiralty, Hydrographic Office. South America Pilot, Pt. III, 3rd edn., London, 1941.
49. London, Admiralty, Hydrographic Office. West Indies Pilot, Vol. I, 10th edn., London, 1941.

PARAGUAY

50. London, Admiralty, Hydrographic Office. South America Pilot, Pt. I, 9th edn., London, 1945.
51. REED, W.W.; Climatological data for southern South America. Mon. Weath. Rev., Washington, Supplement No. 32, 1929.

PERU

52. Lima, Servicio Meteorológico Nacional. Resumen mensual de las observaciones meteorológicas 1928-1938. Lima.
53. Lima, Instituto nacional de meteorología e hidrología. Boletín anual meteorológico, 1939-1943. Lima, 1943-1947.
54. REED, W.W.; Climatological data for northern and western tropical South America. Mon. Weath. Rev., Washington, Supplement No. 31, 1928.

SALVADOR

55. San Salvador, Observatorio Nacional Meteorológico. Anales 1929, 1944-1950. San Salvador.
56. FLANAGAN, J.E., ESCOBAR, M.C., PADILLA, B.C. y DHEMING, M. de.; Recopilación preliminar de datos sobre precipitación pluvial en El Salvador. Publ. Espec., Santa Tecla, No. 1, 1951.

URUGUAY

57. Montevideo, Observatorio Meteorológico del Colegio Pío de Villa Colón. Boletín mensual, 1899-1905. Montevideo.
58. London, Admiralty, Hydrographic Office. South America Pilot, Pt. I, 9th edn., London, 1945.

VENEZUELA

59. Caracas, Servicio Meteorológico Nacional. Publicaciones del Observatorio Cagigal, Caracas, 1933-1947.
60. Maracay, Servicio de Meteorología y Comunicaciones. Boletín bimestral, Maracay, 1950-1954.
61. GONZALEZ, E.P.; Datos detallados de climatología de Venezuela. Caracas, 1949.
62. London, Admiralty, Hydrographic Office. West Indies Pilot, Vol. I, 10th edn., London, 1941.
63. Washington, Hydrographic Office. Weather summary, South America, northern and northwestern part. Washington D.C., 1945.

WEST INDIES

64. Leeward Islands Blue Book. 1920-1953.
65. Cienfuegos, Observatorio del Colegio 'Ntra.Sra.de Montserrat'. Anales. Observaciones meteorológicas Habana, 1912-1921.
66. London, Admiralty, Hydrographic Office. West Indies Pilot, Vol. II, 9th edn., London, 1942.
67. London, Admiralty, Hydrographic Office. West Indies Pilot, Vol. III, 4th edn., London, 1946.
68. Washington, Weather Bureau. Climatological data. West Indies and Caribbean, Chattanooga 1922-1952.
69. Washington, Weather Bureau. Climatic summaries of the United States, 3rd edn., Washington D.C., 1934.
70. REED, W.W.; Climatological data for the West Indian Islands. Mon. Weath. Rev., Washington, 54, 1926, p. 133.
71. Washington, Weather Bureau. Temperatures at selected stations in the United States, Alaska, Hawaii and Puerto Rico. Tech. Pap., Washington, No. 9, 1948.
72. Washington, Hydrographic Office. Naval air pilot, West Indies. Washington D.C., 1940.

WEST INDIES (contd.)

73. Washington, Hydrographic Office. Weather summary, West Indies.
Washington, D.C., 1947.
74. Manuscript data held in the Meteorological Office, London.
- 74a. Data held in West Indies Meteorological Service.

ISLANDS

75. London, Admiralty, Hydrographic Office. Pacific Islands Pilot.
Vol. I, 7th edn., London, 1946.
76. London, Admiralty, Hydrographic Office. South America Pilot,
Pt. I, 9th edn., London, 1945.
77. London, Admiralty, Hydrographic Office. South America Pilot,
Pt. III, 3rd edn., London, 1941.
78. Washington, United States Army Air Forces, Weather Division,
Studies on local forecasting, Seymour Island Airport, Galapagos
Islands. Washington D.C., 1945.
79. ALPERT, L. Notes on the weather and climate of Seymour Island,
Galapagos Archipelago. *Bull. Amer. met. Soc.*, Lancaster Pa,
27, 1946, p. 200.

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CONVERSION TABLE - INCHES AND TENTHS TO MILLIMETRES AND TENTHS (1 INCH = 25.4 MILLIMETRES)

Inches

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
--	----	----	----	----	----	----	----	----	----	----

Millimetres

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
0	0.0	2.5	5.1	7.6	10.2	12.7	15.2	17.8	20.3	22.9
1	25.4	27.9	30.5	33.0	35.6	38.1	40.6	43.2	45.7	48.3
2	50.8	53.3	55.9	58.4	61.0	63.5	66.0	68.6	71.1	73.7
3	76.2	78.7	81.3	83.8	86.4	88.9	91.4	94.0	96.5	99.1
4	101.6	104.1	106.7	109.2	111.8	114.3	116.8	119.4	121.9	124.5
5	127.0	129.5	132.1	134.6	137.2	139.7	142.2	144.8	147.3	149.9
6	152.4	154.9	157.5	160.0	162.6	165.1	167.6	170.2	172.7	175.3
7	177.8	180.3	182.9	185.4	188.0	190.5	193.0	195.6	198.1	200.7
8	203.2	205.7	208.3	210.8	213.4	215.9	218.4	221.0	223.5	226.1
9	228.6	231.1	233.7	236.2	238.8	241.3	243.8	246.4	248.9	251.5
10	254.0	256.5	259.1	261.6	264.2	266.7	269.2	271.8	274.3	276.9

Tenths of an inch

<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>
15	381.0	30	762.0	45	1143.0
20	508.0	35	889.0	50	1270.0
25	635.0	40	1016.0	55	1397.0