

ภาคผนวก

CONVERSION EQUIVALENTS

LENGTH

1 kilometer = 0.6214 statute mile = 0.5396 nautical mile
 1 statute mile = 0.8684 nautical mile = 1.6093 kilometers
 1 meter = 1.0936 yards = 3.2808 feet = 39.37 inches
 1 foot = 0.3048 meter
 1 centimeter = 0.3937 inch = 10^4 microns
 1 inch = 25.4 millimeters

SPEED

1 knot = 1 nautical mile per hour = 1.1516 statute miles per hour
 = 0.5148 meters per second = 1.854 kilometers per hour
 1 mile per hour = 0.8684 knot = 0.447 meters per second
 = 1.609 kilometers per hour
 1 meter per second = 2.2369 miles per hour = 1.9424 knots
 = 3.2808 feet per second

MASS

1 kilogram = 2.2046 pounds (avoirdupois)
 1 pound = 453.59 grams = 0.4536 kilogram
 1 ounce = 28.3495 grams
 1 gram = 0.0353 ounce

ENERGY

1 gram-calorie = 4.186×10^7 ergs = 4.186 joules
 = 3.97×10^{-3} BTU
 1 joule = 10^7 ergs = 0.738 foot-pound
 1 BTU (British Thermal Unit) = 252 gram-calories
 = 1,055 joules
 1 erg = 2.388×10^{-8} gram-calories = 1 dyne cm
 1 langley = 1 calorie per cm²

TABLE B.1
 Fahrenheit Equivalents of Celsius Temperatures (The column on the left contains 10C° intervals; the single digits across the top are 1C° intervals. Thus, 10°C = 50°F; 11°C = 51.8°F; 12°C = 53.6°F and so on.)

Celsius	Fahrenheit									
	0	1	2	3	4	5	6	7	8	9
-50	-58.0	-59.8	-61.6	-63.4	-65.2	-67.0	68.8	-70.6	-72.4	-74.2
-40	-40.0	-41.8	-43.6	-45.4	-47.2	-49.0	50.8	-52.6	-54.4	-56.2
-30	-22.0	-23.8	-25.6	-27.4	-29.2	-31.0	-32.8	-34.6	-36.4	-38.2
-20	- 4.0	- 5.8	- 7.6	- 9.4	-11.2	-13.0	-14.8	-16.6	-18.4	-20.2
-10	14.0	12.2	10.4	8.6	6.8	5.0	3.2	1.4	- 0.4	- 2.2
- 0	32.0	30.2	28.4	26.6	24.8	23.0	21.2	19.4	17.6	15.8
+ 0	32.0	33.8	35.6	37.4	39.2	41.0	42.8	44.6	46.4	48.2
10	50.0	51.8	53.6	55.4	57.2	59.0	60.8	62.6	64.4	66.2
20	68.0	69.8	71.6	73.4	75.2	77.0	78.8	80.6	82.4	84.2
30	86.0	87.8	89.6	91.4	93.2	95.0	96.8	98.6	100.4	102.2
40	104.0	105.8	107.6	109.4	111.2	113.0	114.8	116.6	118.4	120.2

TABLE B.2
 Celsius Equivalents of Fahrenheit Temperatures (The column on the left contains 10F° intervals; the single digits across the top are 1F° intervals. Thus, 10°F = -12.2°C; 11°F = -11.7°C; 12°F = -11.1°C; and so on.)

Fahrenheit	Celsius									
	0	1	2	3	4	5	6	7	8	9
-100	-73.3	-73.9	-74.4	-75.0	-75.6	-76.1	-76.7	-77.2	-77.8	-78.3
- 90	-67.8	-68.3	-68.9	-69.4	-70.0	-70.6	-71.1	-71.7	-72.2	-72.8
- 80	-62.2	-62.8	-63.3	-63.9	-64.4	-65.0	-65.6	-66.1	-66.7	-67.2
- 70	-56.7	-57.2	-57.8	-58.3	-58.9	-59.4	-60.0	-60.6	-61.1	-61.7
- 60	-51.1	-51.7	-52.2	-52.8	-53.3	-53.9	-54.4	-55.0	-55.6	-56.1
- 50	-45.6	-46.1	-46.7	-47.2	-47.8	-48.3	-48.9	-49.4	-50.0	-50.6
- 40	-40.0	-40.6	-41.1	-41.7	-42.2	-42.8	-43.3	-43.9	-44.4	-45.0
- 30	-34.4	-35.0	-35.6	-36.1	-36.7	-37.2	-37.8	-38.3	-38.9	-39.4
- 20	-28.9	-29.4	-30.0	-30.6	-31.1	-31.7	-32.2	-32.8	-33.3	-33.9
- 10	-23.3	-23.9	-24.4	-25.0	-25.6	-26.1	-26.7	-27.2	-27.8	-28.3
- 0	-17.8	-18.3	-18.9	-19.4	-20.0	-20.6	-21.1	-21.7	-22.2	-22.8
+ 0	-17.8	-17.2	-16.7	-16.1	-15.6	-15.0	-14.4	-13.9	-13.3	-12.8
10	-12.2	-11.7	-11.1	-10.6	-10.0	- 9.4	- 8.9	- 8.3	- 7.8	- 7.2
20	- 6.7	- 6.1	- 5.6	- 5.0	- 4.4	- 3.9	- 3.3	- 2.8	- 2.2	- 1.7
30	- 1.1	- 0.6	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9
40	4.4	5.0	5.6	6.1	6.7	7.2	7.8	8.3	8.9	9.4
50	10.0	10.6	11.1	11.7	12.2	12.8	13.3	13.9	14.4	15.0
60	15.6	16.1	16.7	17.2	17.8	18.3	18.9	19.4	20.0	20.6
70	21.1	21.7	22.2	22.8	23.3	23.9	24.4	25.0	25.6	26.1
80	26.7	27.2	27.8	28.3	28.9	29.4	30.0	30.6	31.1	31.7
90	32.2	32.8	33.3	33.9	34.4	35.0	35.6	36.1	36.7	37.2
100	37.8	38.3	38.9	39.4	40.0	40.6	41.1	41.7	42.2	42.8
110	43.3	43.9	44.4	45.0	45.6	46.1	46.7	47.2	47.8	48.3

TABLE B.3
Millibar Equivalents of Inches of Mercury

	Inches									
	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
15	508	511	515	518	521	524	528	532	535	538
16	542	545	549	552	555	559	562	565	569	572
17	576	579	582	586	589	593	596	599	603	606
18	610	613	616	620	623	626	630	633	637	640
19	645	647	650	654	657	660	664	667	670	674
20	677	681	684	687	691	694	698	701	704	708
21	711	714	718	721	725	728	731	735	738	742
22	745	748	752	755	759	762	765	769	772	775
23	779	782	786	789	792	796	799	803	806	809
24	813	816	819	823	826	830	833	836	840	843
25	847	850	853	857	860	863	867	870	874	877
26	880	884	887	891	894	897	901	904	908	911
27	914	918	921	924	928	931	935	938	941	945
28	948	952	955	958	962	965	968	972	975	979
29	982	985	989	992	996	999	1002	1006	1009	1012
30	1016	1019	1023	1026	1029	1033	1036	1040	1043	1046
31	1050	1053	1057	1060	1063	1067	1070	1073	1077	1080

TABLE B.4
Dew Point Temperature (1,000 mb)

Dry-bulb temp. (°C)	Saturation vapor press. (mb)	Wet-bulb depression ($T_d - T_w$)																					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
-20	1.2540	-33																					
-18	1.4877	-28																					
-16	1.7597	-24																					
-14	2.0755	-21	-36																				
-12	2.4409	-18	-28																				
-10	2.8627	-14	-22																				
-8	3.3484	12	-18	-29																			
-6	3.9061	-10	-14	-22																			
-4	4.5451	-7	-11	-17	-29																		
-2	5.2753	-5	-8	-13	-20																		
0	6.1078	-3	-6	-9	-15	-24																	
2	7.0547	-1	-3	-6	-11	-17																	
4	8.1294	1	-1	-4	-7	-11	-19																
6	9.3465	4	1	-1	-4	-7	-13	-21															
8	10.722	6	3	1	-2	-5	-9	-14															
10	12.272	8	6	4	1	-2	-5	-9	-14	-28													
12	14.017	10	8	6	4	1	-2	-5	-9	-16													
14	15.977	12	11	9	6	4	1	-2	-5	-10	-17												
16	18.173	14	13	11	9	7	4	1	-1	-6	-10	-17											
18	20.630	16	15	13	11	9	7	4	2	-2	-5	-10	-19										
20	23.373	19	17	15	14	12	10	7	4	2	-2	-5	-10	-19									
22	26.430	21	19	17	16	14	12	10	8	5	3	-1	-5	-10	-19								
24	29.831	23	21	20	18	16	14	12	10	8	6	2	-1	-5	-10	-18							
26	33.608	25	23	22	20	18	17	15	13	11	9	6	3	0	-4	-9	-18						
28	37.796	27	25	24	22	21	19	17	16	14	11	9	7	4	1	-3	-9	-16					
30	42.430	29	27	26	24	23	21	19	18	16	14	12	10	8	5	1	-2	-8	-15				
32	47.551	31	29	28	27	25	24	22	21	19	17	15	13	11	8	5	2	-2	-7	-14			
34	53.200	33	31	30	29	27	26	24	23	21	20	18	16	14	12	9	6	3	-1	-5	-12	-29	
36	59.422	35	33	32	31	29	28	27	25	24	22	20	19	17	15	13	10	7	4	0	-4	-10	
38	66.264	37	35	34	33	32	30	29	28	26	25	23	21	19	17	15	13	11	8	5	1	-3	-9
40	73.777	39	37	36	35	34	32	31	30	28	27	25	24	22	20	18	16	14	12	9	6	2	-2

TABLE B.5
Relative Humidity in Percent (1,000 mb)

Dry-bulb temp. (°C)	Wet-bulb depression ($T_d - T_w$)																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
20	28																					
18	40																					
16	48	0																				
14	55	11																				
12	61	23																				
10	66	33	0																			
8	71	41	13																			
6	73	48	20	0																		
4	77	54	32	11																		
2	79	58	37	20	1																	
0	81	63	45	28	11																	
2	83	67	51	36	20	6																
4	85	70	56	42	27	14																
6	86	72	59	46	35	22	10	0														
8	87	74	62	51	39	28	17	6														
10	88	76	65	54	43	33	24	13	4													
12	88	78	67	57	48	38	28	19	10	2												
14	89	79	69	60	50	41	33	25	16	8	1											
16	90	80	71	62	54	45	37	29	21	14	7	1										
18	91	81	72	64	56	48	40	33	26	19	12	6	0									
20	91	82	74	66	58	51	44	36	30	23	17	11	5	0								
22	92	83	75	68	60	53	46	40	33	27	21	15	10	4	0							
24	92	84	76	69	62	55	49	42	36	30	25	20	14	9	4	0						
26	92	85	77	70	64	57	51	45	39	34	28	23	18	13	9	5						
28	93	86	78	71	65	59	53	47	42	36	31	26	21	17	12	8	4					
30	93	86	79	72	66	61	55	49	44	39	34	29	25	20	16	12	8	4				
32	93	86	80	73	68	62	56	55	46	41	36	32	27	22	19	14	11	8	4			
34	93	86	81	74	69	63	58	52	48	43	38	34	30	26	22	18	14	11	8	5		
36	94	87	81	75	69	64	59	54	50	44	40	36	32	28	24	21	17	13	10	7	4	
38	94	87	82	76	70	66	60	55	51	46	42	38	34	30	26	23	20	16	13	10	7	5
40	94	89	82	76	71	67	61	57	52	48	44	40	36	33	29	25	22	19	16	13	10	7

TABLE B.6
Supplementary Climatic Data

T Temperature in degrees Celsius Latitude to nearest whole degree
P Precipitation in millimeters Station height in meters

<i>Africa</i>		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Accra, Ghana 6°N; 65 m	T	27	28	28	28	27	26	25	24	25	26	27	27	26
	P	16	37	73	82	145	193	49	16	40	80	38	18	787
Addis Ababa, Ethiopia 9°N; 2,408 m	T	17	18	19	19	19	17	15	15	16	16	17	17	17
	P	24	25	67	93	53	105	239	266	174	43	3	18	1,110
Algiers, Algeria 37°N 28 m	T	10	11	13	15	18	22	24	25	23	19	15	12	17
	P	116	76	57	65	36	14	2	4	27	84	93	117	691
Beira, Mozambique 20°S 8 m	T	27	28	27	26	23	21	20	21	23	25	26	27	24
	P	265	225	244	105	58	42	37	30	27	29	133	134	1,429
Bulawayo, Rhodesia 20°S; 1,344 m	T	21	21	20	19	16	13	14	16	19	22	22	21	19
	P	134	111	65	21	9	3	T	1	5	25	89	125	589
Cape Town, South Africa 34°S 44 m	T	20	20	19	16	14	13	12	12	14	15	18	19	16
	P	11	15	14	53	89	84	83	73	45	31	17	11	526
Douala, Cameroon 4°N; 13 m	T	27	27	27	27	27	26	25	25	25	26	26	27	26
	P	61	88	226	240	353	472	710	726	628	399	146	60	4,109
Kano, Nigeria 12°N 476 m	T	21	24	28	31	30	28	26	25	26	27	25	22	26
	P	0	T	2	8	71	119	209	311	137	14	T	0	872
Mombasa, Kenya 4°S; 55 m	T	28	28	28	28	26	25	24	24	25	26	27	28	26
	P	30	14	59	192	319	100	72	69	71	96	74	76	1,163

TABLE B.6 Continued

		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Tamatave, Malagasy 18°S; 5 m	T	26	26	26	25	23	21	21	21	22	23	25	26	24
	P	420	442	528	403	303	300	257	208	135	91	184	259	3,530
Wadi Halfa, Sudan 22°N; 160 m	T	15	16	21	26	31	32	32	32	30	28	22	17	25
	P	0	0	0	0	1	0	1	0	0	1	0	0	3
<i>Asia</i>														
Ankara, Turkey 40°N; 902 m	T	0	1	5	11	16	20	23	23	18	13	7	2	12
	P	37	36	36	37	49	30	14	9	17	24	30	43	360
Ashkhabad, U.S.S.R. 38°N; 230 m	T	2	5	9	16	23	29	31	29	24	16	8	3	16
	P	22	21	44	38	28	6	2	1	3	11	15	19	210
Baghdad, Iraq 33°N; 34 m	T	10	12	16	22	28	33	35	34	31	25	17	11	23
	P	26	28	28	17	7	T	0	T	T	3	21	26	156
Bangkok, Thailand 14°N; 12 m	T	26	28	29	30	30	29	28	28	28	28	27	26	28
	P	9	29	34	89	166	171	178	191	306	255	57	7	1,492
Bombay, India 19°N; 11 m	T	24	25	27	29	30	29	28	27	27	28	28	26	27
	P	2	1	0	3	16	520	709	419	297	88	21	2	2,078
Inchon, Korea 37°N; 70 m	T	-4	-2	3	10	15	20	24	25	21	14	7	0	11
	P	16	18	50	66	73	139	304	180	137	45	35	30	1,089
Irkutsk, U.S.S.R. 52°N; 485 m	T	-21	-18	-9	2	9	15	18	15	8	1	-11	-18	-1
	P	12	8	9	15	29	83	102	99	49	20	17	15	458
Jakarta, Indonesia 6°S; 7 m	T	26	26	27	27	27	27	27	27	27	27	27	27	27
	P	335	241	201	141	116	97	61	50	78	91	151	193	1,755

TABLE B.6 Continued

		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Lanchow, China 36°N; 1,508 m	T	-6	-2	5	12	17	21	23	21	16	10	2	-5	10
	P	1	3	8	14	34	40	66	92	55	18	4	2	338
Lhasa, Tibet (1941-48) 30°N; 3,685 m	T	-2	1	5	8	12	17	16	16	14	9	4	0	8
	P	1	13	8	5	25	63	122	89	66	13	3	0	408
Manila, Philippines 15°N; 15 m	T	25	26	27	29	29	28	28	27	27	27	26	25	27
	P	18	7	6	24	110	236	253	480	271	201	129	56	1,791
New Delhi, India 29°N; 216 m	T	14	17	23	29	34	34	31	30	29	26	20	16	25
	P	25	22	17	7	8	65	211	173	150	31	1	5	715
Peking, China 40°N; 52 m	T	-5	-2	5	14	20	25	26	25	20	13	4	-3	12
	P	4	5	8	17	35	78	243	141	58	16	11	3	623
Saigon, Viet Nam 11°N; 10 m	T	26	26	26	29	28	27	27	27	27	26	26	26	27
	P	6	13	12	65	196	285	242	277	292	259	122	37	1,808
Shanghai, China 31°N; 5 m	T	4	4	9	14	19	23	28	28	23	18	12	6	16
	P	46	66	77	84	107	168	139	132	160	62	53	41	1,135
Tashkent, U.S.S.R. 41°N; 428 m	T	0	3	7	14	20	25	27	25	19	13	5	1	13
	P	49	51	81	58	32	12	4	3	3	23	44	57	417
Tbilisi, U.S.S.R. 42°N; 490 m	T	1	3	6	12	18	21	25	24	20	14	8	3	13
	P	20	21	36	43	87	69	50	37	42	46	37	20	508
Verkhoyansk, U.S.S.R. 68°N; 137 m	T	-47	-43	-30	-14	3	13	16	11	3	-14	-36	-44	15
	P	7	5	5	4	5	25	33	30	13	11	10	7	155

TABLE B.6 Continued

<i>Australia and New Zealand</i>		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Alice Springs, N. Terr. 24°S; 546 m	T	28	27	25	20	16	12	12	14	18	23	25	28	21
	P	27	45	18	10	18	15	14	10	6	25	23	39	250
Auckland, New Zealand 37°S; 5 m	T	19	19	18	16	14	12	11	11	12	14	16	18	15
	P	85	104	71	108	123	139	139	198	98	106	89	78	1,248
Brisbane, Queensland 27°S; 41 m	T	25	25	24	21	18	16	15	16	18	21	22	24	20
	P	143	183	147	78	57	56	49	30	45	77	92	136	1,092
Christchurch, New Zealand 43°S; 29 m	T	16	17	15	12	9	6	5	7	9	11	14	16	11
	P	47	51	52	51	81	52	53	51	48	49	42	56	633
Hobart, Tasmania 43°S; 54 m	T	16	16	15	12	11	8	6	9	11	12	14	15	12
	P	42	47	52	63	51	66	47	53	53	72	58	64	668
Invercargill, New Zealand 46°S; 1 m	T	13	14	12	10	8	6	5	6	8	10	11	12	10
	P	99	94	96	98	98	104	75	71	72	80	88	88	1,063
Perth, W. Australia 32°S; 60 m	T	23	24	22	19	16	14	13	14	15	16	19	22	18
	P	7	12	22	52	125	192	183	135	69	54	23	15	889
Port Hedland, W. Australia 20°S; 8 m	T	30	31	30	28	23	20	19	21	24	26	29	30	26
	P	56	86	36	15	45	21	15	4	1	1	1	19	299
Sydney, New South Wales 34°S; 42 m	T	22	22	21	18	16	13	12	13	15	18	19	21	18
	P	104	125	129	101	115	141	94	83	72	80	77	86	1,205
Wellington, New Zealand 41°S; 119 m	T	15	16	15	13	11	9	8	8	10	11	13	14	12
	P	74	104	80	90	127	123	128	116	92	116	79	95	1,224

TABLE B.6 Continued

<i>Europe</i>		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Athens, Greece 38°N; 107 m	T	9	10	11	15	20	25	28	27	24	19	15	11	18
	P	62	36	38	23	23	14	6	7	15	51	56	71	402
Berlin, Germany 52°N; 55 m	T	-1	0	4	9	14	17	19	18	14	9	4	1	9
	P	45	42	31	43	49	65	72	71	47	49	48	43	605
Edinburgh, Scotland 56°N; 76 m	T	4	4	5	7	10	13	15	14	12	9	6	4	8
	P	55	42	44	39	52	53	71	78	60	67	58	57	676
Kiev, U.S.S.R. 50°N; 179 m	T	-6	-5	0	8	15	19	20	19	14	8	1	-3	7
	P	43	39	35	46	56	66	70	72	47	47	53	41	615
Leningrad, U.S.S.R. 60°N; 4 m	T	-8	-8	-4	3	10	15	18	17	11	5	0	-4	5
	P	36	32	25	34	41	54	69	77	58	52	45	36	559
Lisbon, Portugal 39°N; 95 m	T	11	12	14	16	17	20	22	22	21	18	14	12	17
	P	111	76	109	54	44	16	3	4	33	62	93	103	708
London, England 51°N; 45 m	T	4	4	7	9	12	16	18	17	15	11	7	5	10
	P	51	38	36	46	46	41	51	56	46	58	63	51	583
Madrid, Spain 40°N; 660 m	T	5	6	10	13	16	21	24	24	20	14	9	6	14
	P	38	34	45	44	44	27	11	14	31	53	47	48	436
Milan, Italy 45°N; 147 m	T	2	4	9	14	18	22	25	24	20	14	8	3	14
	P	60	56	66	83	101	75	51	68	72	91	98	70	891
Odessa, U.S.S.R. 46°N; 64 m	T	-2	-2	2	8	15	20	22	22	17	11	5	0	10
	P	28	26	20	27	34	45	34	37	29	35	43	31	389
Oslo, Norway 60°N; 96 m	T	-5	-4	0	5	11	15	17	16	11	6	1	-2	6
	P	49	35	26	44	44	71	84	96	83	76	69	63	740

TABLE B.6 Continued

		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Rome, Italy 42°N; 18 m	T	7	8	10	14	18	22	25	24	21	17	12	8	15
	P	79	69	72	67	57	39	15	25	69	126	117	99	834
Vienna, Austria 48°N; 203 m	T	-1	0	5	10	15	18	20	19	16	10	5	1	10
	P	40	43	45	45	70	67	83	72	41	56	53	45	660
Warsaw, Poland 52°N; 107 m	T	-2	-3	1	7	13	17	19	18	13	8	3	0	8
	P	25	28	20	32	40	60	79	47	41	31	31	37	471
<i>North America</i>														
Angmagssalik, Greenland 66°N; 36 m	T	-7	-7	-6	-3	2	6	7	7	4	0	-3	-5	0
	P	57	81	57	55	52	45	28	70	72	96	87	75	775
Boston, Massachusetts 42°N; 198 m	T	-3	-3	2	8	14	18	22	21	17	12	6	-1	9
	P	114	95	115	102	88	95	83	103	100	95	115	101	1,207
Chicago, Illinois 42°N; 187 m	T	-3	-2	2	10	16	22	24	24	19	13	4	-2	10
	P	47	41	70	77	95	103	86	80	69	71	56	48	843
Churchill, Manitoba 59°N; 35 m	T	-28	-26	-20	-10	-2	6	12	12	6	-1	-12	-22	-7
	P	17	17	21	36	40	48	39	60	52	42	46	25	443
Coppermine, N.W.T. 68°N; 9 m	T	-29	-30	-26	-17	-6	3	9	8	3	-7	-20	-26	-11
	P	13	8	15	14	12	20	34	44	29	27	17	13	246
Dallas, Texas 33°N; 156 m	T	8	10	14	18	23	27	29	29	26	20	14	9	19
	P	63	61	84	107	114	97	71	76	69	71	69	64	946
Edmonton, Alberta 53°N; 676 m	T	-14	-12	-6	4	11	14	17	16	11	5	-4	-10	3
	P	24	20	21	28	47	80	85	65	34	27	22	25	474
Gander, Newfoundland 49°N; 147 m	T	-6	-6	-4	1	6	12	17	16	12	6	2	-4	4
	P	83	88	81	69	59	76	84	101	86	97	107	87	1,018

TABLE 5.6 Continued

		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Havana, Cuba 23°N; 24 m	T	22	22	23	25	26	27	28	28	28	26	24	23	25
	P	71	46	46	58	119	165	124	135	150	173	79	58	1,224
Mazatlan, Mexico 23°N; 78 m	T	20	20	20	22	24	27	28	28	28	27	24	21	24
	P	12	8	3	0	1	34	174	215	250	63	17	27	805
Mexico City, Mexico 19°N; 2,259 m	T	13	15	17	18	19	18	17	17	17	16	14	13	16
	P	4	5	11	18	46	100	116	114	102	37	13	5	571
Miami, Florida 26°N; 4 m	T	19	20	21	23	25	27	28	28	27	25	22	20	24
	P	52	47	58	99	164	187	171	177	241	209	72	42	1,518
Nome, Alaska 64°N; 339 m	T	-15	-15	-13	-6	2	8	10	9	6	-1	-9	-14	-3
	P	26	24	22	20	18	24	58	97	68	43	29	25	454
Phoenix, Arizona 33°N; 339 m	T	10	12	16	20	25	30	33	32	29	22	15	11	21
	P	19	22	17	8	3	2	20	28	19	12	12	22	183
Salt Lake City, Utah 41°N; 1,287 m	T	-2	1	5	10	15	19	25	24	18	12	3	0	11
	P	34	30	40	45	36	25	15	22	13	29	33	31	353
Spokane, Washington 48°N; 721 m	T	-4	-1	3	8	13	16	21	20	16	9	2	-1	8
	P	62	47	38	23	31	38	10	10	19	40	57	62	437
Topeka, Kansas 39°N; 269 m	T	-2	1	5	12	18	24	27	26	21	15	6	1	13
	P	24	44	58	72	149	119	141	82	75	44	19	25	854
Yakutat, Alaska 60°N; 9 m	T	-3	-2	0	3	7	10	12	12	10	6	1	-2	4
	P	276	208	221	184	203	129	214	277	420	498	407	312	3,348
Yuma, Arizona 33°N; 62 m	T	13	15	19	22	26	31	35	34	31	25	18	14	24
	P	10	9	6	2	T	T	6	13	10	10	3	8	77

TABLE B.6 Continued

<i>South America</i>		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Anofagasta, Chile (1951-60) 23°S; 122 m	T	20	20	19	16	15	14	13	14	14	15	17	18	16
	P	0	0	0	0	0	0	0.3	0.1	0	0	0	0	0.4
Bogota, Colombia (1951-60) 5°N; 2,556 m	T	13	14	14	14	14	14	13	13	13	14	14	14	14
	P	38	48	66	96	103	60	48	38	53	158	140	93	942
Caracas, Venezuela (1951-60) 10°N; 1,042 m	T	19	20	21	22	22	22	21	22	22	22	21	20	21
	P	22	28	11	43	92	121	107	104	107	110	73	44	862
Manaus, Brazil 3°S; 44 m	T	26	26	26	26	26	27	27	28	28	28	27	27	27
	P	278	278	300	287	193	99	61	41	62	112	165	220	2,095
Maracaibo, Venezuela 11°N; 40 m	T	26	27	27	28	28	29	29	29	29	28	28	27	28
	P	3	2	3	27	73	43	28	42	40	99	22	5	387
Montevideo, Uruguay 35°S; 22 m	Y	23	22	20	17	14	11	10	11	13	15	18	21	16
	P	83	74	104	102	91	38	73	87	84	73	79	77	1,014
Rio de Janeiro, Brazil 23°S; 27 m	T	26	26	26	24	22	21	21	21	22	22	23	24	23
	P	136	137	133	116	73	44	43	43	53	74	97	127	1,074
Sao Paulo, Brazil 24°S; 795 m	T	22	22	21	19	17	16	15	16	17	19	19	20	18
	P	224	209	166	69	53	42	31	42	66	113	118	155	1,287
Ushuaia, Argentina 55°S; 6 m	T	9	9	8	6	3	2	2	2	4	6	7	8	6
	P	58	50	57	46	48	45	47	50	38	36	50	49	574
Valdivia, Chile (1951-60) 40°S; 13 m	T	16	16	15	12	10	8	8	8	9	12	14	16	12
	P	106	50	96	178	437	371	452	318	225	98	82	72	2,486

TABLE B.6 Continued

<i>Islands</i>		J	F	M	A	M	J	J	A	S	O	N	D	Yr
Apia, Western Samoa 14°S, 172°W; 2 m	T	27	27	27	27	27	26	26	26	26	26	27	27	27
	P	424	364	352	214	186	130	115	111	147	221	279	385	2,928
Ascension, South Atlantic 8°S, 14°W; 17 m (1951-60)	T	26	27	28	28	27	26	25	25	24	24	25	26	26
	P	3	3	12	20	14	19	14	12	8	9	4	5	122
Canton, Phoenix Islands 3°S, 172°W; 3 m	T	28	28	28	29	29	29	29	29	29	29	29	28	29
	P	66	54	63	92	110	67	66	54	31	28	41	65	748
Guam, Marianas 14°N, 145°E; 110 m	T	26	26	26	27	27	27	26	26	26	26	26	26	26
	P	118	89	67	77	106	149	228	326	339	333	261	155	2,249
Honolulu, Hawaii 19°N, 158°W; 12 m	T	23	22	23	23	24	26	26	26	26	26	24	23	24
	P	96	84	73	33	25	8	11	23	25	47	55	76	556
Jan Mayen, North Atlantic 71°N, 8°W; 39 m	T	-4	-5	-5	-3	0	2	5	6	4	1	-1	-3	0
	P	79	54	63	58	23	28	36	61	83	93	82	75	735
Laurie, South Orkneys 61°S, 45°W; 4 m	T	0	0	-1	-3	-7	-10	-11	-10	-7	-4	-2	-1	-5
	P	35	39	48	41	32	26	32	32	29	29	32	27	402
Macquarie, South Pacific 54°S, 159°E; 6 m	T	7	7	6	5	4	3	3	3	3	4	4	6	5
	P	99	81	104	94	81	81	68	68	68	73	64	72	952
Mauritius, Indian Ocean 20°S, 58°E; 55 m	T	26	26	26	24	22	21	20	21	21	22	24	26	23
	P	207	195	218	141	97	67	57	59	37	39	51	115	1,283
Noumea, New Caledonia 22°S, 166°E; 72 m	T	26	26	25	23	22	21	19	20	21	22	24	25	23
	P	117	94	175	124	93	89	84	70	53	52	47	85	1,083
Sal, Cape Verde Islands 16°N, 23°W; 55 m	T	21	21	21	21	22	23	24	26	27	26	24	22	23
	P	2	2	1	0	0	0	18	20	27	15	10	13	108
Tristan da Cunha, South Atlantic 37°S, 12°W; 23 m	T	17	18	17	16	14	13	12	12	12	13	14	16	15
	P	103	88	88	153	144	187	147	193	129	139	117	167	1,655