

Simplified Scientific

Tables of Houses

Latitudes 1 to 66 Degrees

North and South



WITH

LONGITUDES AND LATITUDES OF ABOUT 4500 CITIES OF
THE WORLD, INCLUDING PRINCIPAL AMERICAN CITIES
AND ALL COUNTY SEATS

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By

THE ROSICRUCIAN FELLOWSHIP

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The Rosicrucian Fellowship

*Mt. Ecclesia
Oceanside, California, U.S.A.*

IMPORTANT NOTICE

These Tables of Houses form an important link in our Simplified System of Astrology. By our original method they are easily usable for both North and South latitude, even by the veriest tyro in Astrology.

To erect a figure for South latitude simply add twelve hours to the Sidereal Time at Birth (see Simplified Scientific Astrology, page 32), and enter the signs and degrees in the houses designated at the bottom of each Table.

To demonstrate our method we will partly cast a figure for a birth, June 15th, 1918, 11:50 a.m., Melbourne, Australia, lat. 38 S., long. 145 E. Melbourne uses 150th Standard Meridian.

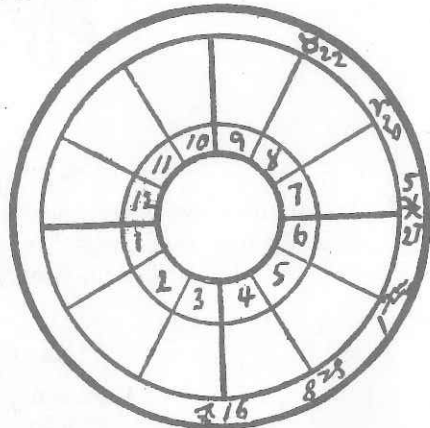
	H. M. S.
S. T. at Greenwich on noon previous to birth (June 14th)	5 27 00
Less correction 10 sec. for each 15 deg. East long. of birthplace....	1 37
	5 25 23
Interval between previous noon and True Local Time of birth	23 30 00
Plus correction of 10 sec. for each hour of above Interval	3 55
	28 59 18

Subtract the circle of 24 hours	24
Sidereal Time at Birth	4 59 18
Add 12 hours for South latitude	12
South Sidereal Time	16 59 18

Latitude 38° N.

Sider'l	10	11	12	Asc.	2	3
Time	1	2	3	4	5	6
H M S	°	°	°	°	°	°
16 41 59	12	4	27	28	55	15 18
46 16 13	5	28	0	32	17	19
50 34 14	6	29	2	9	18	20
16 54 52	15	7	3	48	19	21
59 10 16	8	1	5	27	20	22
17 3 29	17	9	2	7	22	24
17 7 49	18	10	4	8	23	25
12 9 19	11	5	10	32	24	26
16 29 20	12	6	12	15	26	27
Houses	4	5	6	7	8	9

Latitude 38° S.



With this South Sidereal Time we turn to our Table of Houses. From the small portion of the proper Table here printed for the convenience of students we see that the nearest Sidereal time is 16 h. 59 m. 10 s. In line with that we find the signs and degrees for our cusps—

♄ 16°, ♃ 8°, ♀ 1°, ☉ 5° 27', ♁ 20°, ☽ 22°.

These we place in the 4th, 5th, 6th, 7th, 8th, and 9th houses as directed at the bottom of our Table, and shown in the figure above.

When that is done it only remains to fill in the opposite degrees and signs in the opposite houses as usual to complete the figures.

As latitude does not enter into the calculation of the planets' places, they are calculated and placed in the same manner as if the figure were for North Latitude.

LIST OF PRINCIPAL AMERICAN CITIES, INCLUDING ALL COUNTY SEATS

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
<i>Alabama</i>					
Abbeville	32	85	Hamilton	34	88
Alexander City	33	86	Hayneville	32	87
Andalusia	31	86	Heflin	34	86
Anniston	34	86	Huntsville	35	87
Ashland	33	86	Jasper	34	87
Athens	35	87	Lafayette	33	85
Auburn	33	85	Linden	32	88
Bay Minette	31	88	Livingston	33	88
Bessemer	33	87	Luverne	32	86
Birmingham	34	87	Marion	33	87
Brewton	31	87	Mobile	31	88
Butler	32	88	Monroeville	32	87
Camden	32	87	Montgomery	32	86
Carrollton	33	88	Moulton	34	87
Centre	34	86	Oneonta	34	86
Centreville	33	87	Opelika	33	85
Chatom	31	88	Ozark	31	86
Clanton	33	87	Pell City	34	86
Clayton	32	85	Phenix City	32	85
Columbiana	33	87	Prattville	32	86
Cullman	34	87	Rockford	33	86
Dadeville	33	86	Russellville	35	88
Decatur	35	87	Scottsboro	35	86
Dothan	31	85	Selma	32	87
Double Springs	34	87	Sheffield	35	88
Elba	31	86	Sylacauga	33	86
Enterprise	31	86	Talladega	33	86
Eufaula	32	85	Troy	32	86
Eutaw	33	88	Tuscaloosa	33	88
Evergreen	31	87	Tuscumbia	35	88
Fairfield	33	87	Tuskegee	32	86
Fayette	34	88	Union Springs	32	86
Florence	35	88	Vernon	34	88
Fort Payne	34	88	Wedowee	33	85
Gadsden	34	86	Wetumpka	33	86
Geneva	31	86	<i>Alaska</i>		
Greensboro	33	88	Anchorage	61	150
Greenville	32	87	Cordova	61	146
Grove Hill	32	88	Fairbanks	65	148
Guntersville	34	86	Juneau	58	134
			Ketchikan	55	132

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Nome	65	165	El Dorado	33	93
Petersburg	57	133	Eureka Springs	36	94
Sitka	57	135	Evening Shade	36	92
Valdez	61	146	Fayetteville	36	94
<i>Arizona</i>			Fordyce	34	92
Bisbee	31	110	Forrest City	35	91
Casa Grande	33	112	Fort Smith	35	94
Clifton	33	109	Greenwood	35	94
Douglas	31	110	Hamburg	33	92
Flagstaff	35	112	Hampton	34	92
Florence	33	111	Hardy	36	91
Globe	33	111	Harrisburg	36	91
Holbrook	35	110	Harrison	36	93
Kingman	35	114	Heber Springs	35	92
Mesa	33	112	Helena	35	91
Nogales	31	111	Hope	34	94
Phoenix	33	112	Hot Springs	35	93
Prescott	35	112	Hot Springs	36	94
Safford	33	110	Huntsville	35	92
Saint Johns	35	109	Jacksonville	35	92
Tucson	32	111	Jasper	36	93
Yuma	33	115	Jonesboro	36	91
<i>Arkansas</i>			Lake City	36	90
Arkadelphia	34	93	Lake Village	33	91
Arkansas City	34	91	Lake Village	33	91
Ashdown	34	94	Lewisville	33	94
Augusta	35	91	Little Rock	35	92
Batesville	36	92	Lonoke	35	92
Benton	35	93	Magnolia	33	93
Bentonville	36	94	Malvern	34	93
Berryville	36	94	Marianna	35	91
Blytheville	36	90	Marion	35	90
Booneville	35	94	Marshall	36	93
Camden	34	93	Melbourne	36	92
Charleston	35	94	Mena	35	94
Clarendon	35	91	Monticello	34	92
Clarksville	35	93	Morrilton	35	93
Clinton	36	92	Mountain Home	36	92
Conway	35	92	Mountain View	36	92
Corning	36	91	Mount Ida	35	94
Danville	35	93	Murfreesboro	34	94
Dardanelle	35	93	Nashville	34	94
De Queen	34	94	Newport	36	91
Des Arc	35	92	Osceola	36	90
De Valls Bluff	35	91	Ozark	35	94
De Witt	34	91	Paragould	36	90
			Paris	35	94
			Perryville	35	93

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Piggott	36	90	Gilroy	37	122
Pine Bluff	34	92	Hanford	36	120
Pocahontas	36	91	Hayward	38	122
Powhatan	36	91	Hemet	34	117
Prescott	34	93	Hollister	37	121
Rison	34	92	Independence	37	118
Rogers	36	94	Indio	34	116
Russellville	35	93	Jackson	38	121
Salem	36	92	Lafayette	38	122
Searcy	35	92	Laguna Beach	34	118
Sheridan	34	92	Lakeport	39	123
Springdale	36	94	Livermore	38	122
Star City	34	92	Lodi	38	121
Stuttgart	35	92	Lompoc	35	120
Texarkana	33	94	Long Beach	34	118
Van Buren	35	94	Los Altos	37	122
Waldron	35	94	Los Angeles	34	118
Walnut Ridge	36	91	Madera	37	120
Warren	34	92	Mariposa	37	120
Wynne	35	91	Markleeville	39	120
Yellville	36	93	Martinez	38	122
<i>California</i>			Marysville	39	122
Alameda	38	122	Merced	37	120
Alturas	41	121	Modesto	38	121
Anaheim	34	118	Monterey	37	122
Antioch	38	122	Napa	38	122
Auburn	39	121	Nevada City	39	121
Bakersfield	35	119	Novato	38	123
Banning	34	117	Oakland	38	122
Barstow	35	117	Oceanside	33	117
Berkeley	38	122	Ontario	34	118
Brawley	33	116	Orange	34	118
Bridgeport	38	119	Oroville	40	122
Calexico	33	115	Oxnard	34	119
Chico	40	122	Palm Springs	34	117
Colusa	39	122	Palo Alto	37	122
Concord	38	122	Pasadena	34	118
Corona	34	118	Petaluma	38	123
Crescent City	42	124	Placerville	39	121
Davis	39	122	Pomona	34	118
Delano	36	119	Porterville	36	119
Downieville	40	121	Quincy	40	121
El Centro	33	116	Red Bluff	40	122
Escondido	33	117	Redding	41	122
Eureka	41	124	Redwood City	37	122
Fairfield	38	122	Richmond	38	122
Fresno	37	120	Riverside	34	117

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Roseville	39	121	Canon City	38	105
Sacramento	39	122	Castle Rock	39	105
Salinas	37	122	Central City	40	106
San Andreas	38	121	Cheyenne Wells	39	102
San Bernardino	34	117	Colorado Springs	39	105
San Clemente	33	118	Conejos	37	106
San Diego	33	117	Cortez	37	109
San Fernando	34	118	Craig	41	108
San Francisco	38	122	Creede	38	107
San Jose	37	122	Cripple Creek	39	105
San Leandro	38	122	Del Norte	38	106
San Luis Obispo	35	121	Delta	39	108
San Rafael	38	123	Denver	40	105
Santa Ana	34	118	Dove Creek	38	109
Santa Barbara	34	120	Durango	37	108
Santa Cruz	37	122	Eads	38	103
Santa Maria	35	120	Eagle	40	107
Santa Monica	34	118	Fairplay	39	106
Santa Paula	34	119	Fort Collins	41	105
Santa Rosa	38	123	Fort Morgan	40	104
Sonora	38	120	Georgetown	40	106
Stockton	38	121	Glenwood Springs	40	107
Susanville	40	121	Golden	40	105
Tracy	38	121	Grand Junction	39	109
Tulare	36	119	Greeley	40	105
Ukiah	39	123	Gunnison	39	107
Vacaville	38	122	Holyoke	41	102
Vallejo	38	122	Hot Sulphur Springs	40	106
Ventura	34	119	Hugo	39	103
Victorville	35	117	Julesburg	41	102
Visalia	36	119	Kiowa	39	104
Vista	33	117	La Junta	38	104
Walnut Creek	38	122	Lake City	38	107
Watsonville	37	122	Lamar	38	103
Weaverville	41	123	Las Animas	38	103
Willows	40	122	Leadville	39	106
Woodland	39	122	Littleton	40	105
Yreka	42	123	Longmont	40	105
Yuba City	39	122	Loveland	40	105
<i>Colorado</i>			Meeker	40	108
Akron	40	103	Montrose	38	108
Alamosa	37	106	Ordway	38	104
Aspen	39	107	Ouray	38	108
Boulder	40	105	Pagosa Springs	37	107
Breckenridge	39	106	Pueblo	38	105
Brighton	40	105	Saguache	38	106
Burlington	39	102	Salida	39	106

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
San Luis	37	105	<i>Florida</i>		
Silverton	38	108	Apalachicola	30	85
Springfield	37	103	Arcadia	27	82
Steamboat Springs	40	107	Bartow	28	82
Sterling	41	103	Belle Glade	27	81
Telluride	38	108	Blountstown	30	85
Trinidad	37	105	Bonifay	31	86
Walden	41	106	Bradenton	27	83
Walsenburg	38	105	Bristol	30	85
Westcliffe	38	105	Bronson	29	83
Wray	40	102	Brooksville	29	82
<i>Connecticut</i>			Bunnell	29	81
Ansonia	41	73	Bushnell	29	82
Bridgeport	41	73	Chipleay	31	86
Danbury	41	73	Clearwater	28	83
Fairfield	41	73	Cocoa	28	81
Greenwich	41	74	Crawfordville	30	84
Hartford	42	73	Crestview	31	87
Litchfield	42	73	Cross City	30	83
Manchester	42	73	Dade City	28	82
Meriden	42	73	Daytona Beach	29	81
Middletown	42	73	De Funiak Springs	31	86
Milford	41	73	De Land	29	81
New Britain	42	73	Fernandina Beach	31	81
New Haven	41	73	Fort Lauderdale	26	80
New London	41	72	Fort Myers	27	82
New Milford	42	73	Fort Pierce	27	80
Norwalk	41	73	Fort Walton Beach	30	87
Norwich	42	72	Gainesville	30	82
Putnam	42	72	Green Cove Springs	30	82
Rockville	42	72	Inverness	29	82
Seymour	41	73	Jacksonville	30	82
Shelton	41	73	Jasper	31	83
Southington	42	73	Key West	25	82
Stamford	41	74	Kissimmee	28	81
Torrington	42	73	La Belle	27	81
Wallingford	41	73	Lake Butler	30	82
Waterbury	42	73	Lake City	30	83
Willimantic	42	72	Lakeland	28	82
Windsor	42	73	Lake Worth	27	80
<i>Delaware</i>			Leesburg	29	82
Dover	39	76	Live Oak	30	83
Georgetown	39	75	Maccleddy	30	82
Wilmington	40	76	Madison	30	83
<i>District of Columbia</i>			Marianna	31	85
Washington, D.C.	39	77	Mayo	30	83
			Melbourne	28	81

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Miami	26	80	Barnesville	33	84
Milton	31	87	Baxley	32	82
Monticello	31	84	Blackshear	31	82
Moore Haven	27	81	Blairsville	35	84
Naples	26	82	Blakely	31	85
Ocala	29	82	Blue Ridge	35	84
Okeechobee	27	81	Brunswick	31	81
Orlando	29	81	Buchanan	34	85
Palatka	30	82	Buena Vista	32	85
Panama City	30	86	Butler	33	84
Pensacola	30	87	Cairo	31	84
Perry	30	84	Calhoun	34	85
Pompano Beach	26	80	Camilla	31	84
Punta Gorda	27	82	Canton	34	84
Quincy	31	85	Carnesville	34	83
Saint Augustine	30	81	Carrollton	34	85
Saint Petersburg	28	83	Cartersville	34	85
Sanford	29	81	Cedartown	34	85
Sarasota	27	83	Chatsworth	35	85
Sebring	27	81	Clarkesville	35	84
Starke	30	82	Claxton	32	82
Stuart	27	80	Clayton	35	83
Tallahassee	30	84	Cleveland	35	84
Tampa	28	82	Cochran	32	83
Tavares	29	82	Colquitt	31	85
Titusville	29	81	Columbus	32	85
Trenton	30	83	Conyers	34	84
Vero Beach	28	80	Cordele	32	84
Wauchula	28	82	Covington	34	84
West Palm Beach	27	80	Crawfordville	34	83
Wewahitchka	30	85	Cumming	34	84
Winter Haven	28	82	Cusseta	32	85
Winter Park	29	81	Cuthbert	32	85
<i>Georgia</i>			Dahlonega	35	84
Abbeville	32	83	Dallas	34	85
Adel	31	83	Dalton	35	85
Alamo	32	83	Danielsville	34	83
Albany	32	84	Darien	31	81
Alma	32	82	Dawson	32	84
Americus	32	84	Dawsonville	34	84
Appling	34	82	Decatur	34	84
Ashburn	32	84	Donalsonville	31	85
Athens	34	83	Douglas	32	83
Atlanta	34	84	Douglasville	34	85
Augusta	33	82	Dublin	33	83
Bainbridge	31	85	Eastman	32	83
			Eatonton	33	83

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Elberton	34	83	Madison	34	83
Ellaville	32	84	Marietta	34	85
Ellijay	35	84	Metter	32	82
Fayetteville	33	84	Milledgeville	33	83
Fitzgerald	32	83	Millen	33	82
Folkston	31	82	Monroe	34	84
Forsyth	33	84	Monticello	33	84
Fort Gaines	32	85	Morgan	32	85
Fort Valley	33	84	Moultrie	31	84
Franklin	33	85	Mount Vernon	32	83
Gainesville	34	84	Nahunta	31	82
Georgetown	32	85	Nashville	31	83
Gibson	33	83	Newnan	33	85
Gray	33	84	Newton	31	84
Greensboro	34	83	Ocilla	32	83
Greenville	33	85	Oglethorpe	32	84
Griffin	33	84	Pearson	31	83
Hamilton	33	85	Pembroke	32	82
Hartwell	34	83	Perry	32	84
Hawkinsville	32	83	Preston	32	85
Hazlehurst	32	83	Quitman	31	84
Hiawassee	35	84	Reidsville	32	82
Hinesville	32	82	Ringgold	35	85
Homer	34	83	Rome	34	85
Homerville	31	83	Sandersville	33	83
Irwinton	33	83	Savannah	32	81
Jackson	33	84	Soperton	32	83
Jasper	34	84	Sparta	33	83
Jefferson	34	84	Springfield	32	81
Jeffersonville	33	83	Statenville	31	83
Jesup	32	82	Statesboro	32	82
Jonesboro	34	84	Summerville	34	85
Knoxville	33	84	Swainsboro	33	82
La Fayette	35	85	Sylvania	33	82
La Grange	33	85	Sylvester	32	84
Lakeland	31	83	Talbotton	33	85
Lawrenceville	34	84	Thomaston	33	84
Leesburg	32	84	Thomasville	31	84
Lexington	34	83	Thomson	33	82
Lincolnton	34	82	Tifton	31	84
Louisville	33	82	Toccoa	35	83
Ludowici	32	82	Trenton	35	86
Lumpkin	32	85	Valdosta	31	83
Lyons	32	82	Vienna	32	84
McDonough	33	84	Warner Robins	33	84
Macon	33	84	Warrenton	33	83
McRae	32	83	Washington	34	83

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Watkinsville	34	83	Preston	42	112
Waycross	31	82	Rexburg	44	112
Waynesboro	33	82	Rigby	44	112
Winder	34	84	Rupert	43	114
Woodbine	31	82	Saint Anthony	44	112
Wrightsville	33	83	Saint Maries	47	117
Zebulon	33	84	Salmon	45	114
<i>Hawaii</i>			Sandpoint	48	117
Hilo	20	155	Shoshone	43	114
Honolulu	21	158	Soda Springs	43	112
Lihue	22	159	Twin Falls	42	114
Wahiawa	22	158	Wallace	47	116
Wailuku	21	156	Weiser	44	117
<i>Idaho</i>			<i>Illinois</i>		
American Falls	43	113	Albion	38	88
Arco	44	113	Aledo	41	91
Blackfoot	43	112	Alton	39	90
Boise	44	116	Aurora	42	88
Bonnars Ferry	49	116	Belleville	39	90
Burley	43	114	Belvidere	42	89
Caldwell	44	117	Benton	38	89
Cascade	45	116	Bloomington	40	89
Challis	44	114	Cairo	37	89
Coeur d'Alene	48	117	Cambridge	41	90
Council	45	116	Canton	41	90
Driggs	44	111	Carbondale	38	89
Dubois	44	112	Carlinville	39	90
Emmett	44	117	Carlyle	39	89
Fairfield	43	115	Carmi	38	88
Gooding	43	115	Carrollton	39	90
Grangeville	46	116	Carthage	40	91
Hailey	44	114	Centralia	39	89
Idaho City	44	116	Champaign	40	88
Idaho Falls	44	112	Charleston	40	88
Jerome	43	115	Chester	38	90
Lewiston	46	117	Chicago	42	88
Malad City	42	112	Clinton	40	89
Moscow	47	117	Danville	40	88
Mountain Home	43	116	Decatur	40	89
Murphy	43	117	De Kalb	42	89
Nampa	44	117	Dixon	42	89
Nezperce	46	116	East Saint Louis	39	90
Orofino	46	116	Edwardsville	39	90
Paris	42	111	Effingham	39	89
Payette	44	117	Elgin	42	88
Pocatello	43	112	Elizabethtown	37	88
			Elmhurst	42	88

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Eureka	41	89	Oregon	42	89
Fairfield	38	88	Ottawa	41	89
Freeport	42	90	Paris	40	88
Galena	42	90	Paxton	40	88
Galesburg	41	90	Pekin	41	90
Geneva	42	88	Peoria	41	90
Golconda	37	88	Petersburg	40	90
Greenville	39	89	Pinckneyville	38	89
Hardin	39	91	Pittsfield	40	91
Harrisburg	38	89	Pontiac	41	89
Havana	40	90	Princeton	41	89
Hennepin	41	89	Quincy	40	91
Highland Park	42	88	Rantoul	40	88
Hillsboro	39	89	Robinson	39	88
Jacksonville	40	90	Rockford	42	89
Jerseyville	39	90	Rock Island	41	91
Joliet	42	88	Rushville	40	91
Jonesboro	37	89	Salem	39	89
Kankakee	41	88	Shawneetown	38	88
Kewanee	41	90	Shelbyville	39	89
Lacon	41	89	Springfield	40	90
La Grange	42	88	Sterling	42	90
La Salle	41	89	Streator	41	89
Lawrenceville	39	88	Sullivan	40	89
Lewistown	40	90	Sycamore	42	89
Lincoln	40	89	Taylorville	40	89
Louisville	39	88	Toledo	39	88
McLeansboro	38	89	Toulon	41	90
Macomb	40	91	Tuscola	40	88
Marion	38	89	Urbana	40	88
Marshall	39	88	Vandalia	39	89
Mattoon	39	88	Vienna	37	89
Metropolis	37	89	Virginia	40	90
Monmouth	41	91	Waterloo	38	90
Monticello	40	89	Watseka	41	88
Morris	41	88	Waukegan	42	88
Morrison	42	90	Wheaton	42	88
Mound City	37	89	Wilmette	42	88
Mount Carmel	38	88	Winchester	40	90
Mount Carroll	42	90	Winnetka	42	88
Mount Sterling	40	91	Woodstock	42	88
Mount Vernon	38	89	Yorkville	42	88
Murphysboro	38	89	<i>Indiana</i>		
Nashville	38	89	Albion	41	85
Newton	39	88	Anderson	40	86
Olney	39	88	Angola	42	85
Oquawka	41	91	Auburn	41	85

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Bedford	39	86	Liberty	40	85
Bloomfield	39	87	Logansport	41	86
Bloomington	39	87	Madison	39	85
Bluffton	41	85	Marion	41	86
Boonville	38	87	Martinsville	39	86
Brazil	40	87	Michigan City	42	87
Brookville	39	85	Monticello	41	87
Brownstown	39	86	Mount Vernon	38	88
Cannelton	38	87	Muncie	40	85
Columbia City	41	85	Nashville	39	86
Columbus	39	86	New Albany	38	86
Connorsville	40	85	New Castle	40	85
Corydon	38	86	Newport	40	87
Covington	40	87	Noblesville	40	86
Crawfordsville	40	87	Paoli	39	86
Crown Point	41	87	Peru	41	86
Danville	40	87	Petersburg	38	87
Decatur	41	85	Plymouth	41	86
Delphi	41	87	Portland	40	85
Elkhart	42	86	Princeton	38	88
Elwood	40	86	Rensselaer	41	87
English	38	86	Richmond	40	85
Evansville	38	88	Rising Sun	39	85
Fort Wayne	41	85	Rochester	41	86
Fowler	41	87	Rockport	38	87
Frankfort	40	87	Rockville	40	87
Franklin	39	86	Rushville	40	85
Gary	42	87	Salem	39	86
Goshen	42	86	Scottsburg	39	86
Greencastle	40	87	Seymour	39	86
Greenfield	40	86	Shelbyville	40	86
Greensburg	39	85	Shoals	39	87
Greenwood	40	86	South Bend	42	86
Hammond	42	88	Spencer	39	87
Hartford City	40	85	Sullivan	39	87
Huntington	41	85	Terre Haute	39	87
Indianapolis	40	86	Tipton	40	86
Jasper	38	87	Valparaiso	41	87
Jeffersonville	38	86	Vernon	39	86
Kentland	41	87	Versailles	39	85
Knox	41	87	Vevay	39	85
Kokomo	40	86	Vincennes	39	88
Lafayette	40	87	Wabash	41	86
Lagrange	42	85	Warsaw	41	86
La Porte	42	87	Washington	39	87
Lawrenceburg	39	85	Williamsport	40	87
Lebanon	40	86			

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Winamac	41	87	Grundy Center	42	93
Winchester	40	85	Guthrie Center	42	95
<i>Iowa</i>			Hampton	43	93
Adel	42	94	Harlan	42	95
Albia	41	93	Ida Grove	42	95
Algona	43	94	Independence	42	92
Allison	43	93	Indianola	41	94
Ames	42	94	Iowa City	42	92
Anamosa	42	91	Jefferson	42	94
Atlantic	41	95	Keokuk	40	91
Audubon	42	95	Keosauqua	41	92
Bedford	41	95	Knoxville	41	93
Bloomfield	41	92	Le Mars	43	96
Boone	42	94	Leon	41	94
Burlington	41	91	Logan	42	96
Carroll	42	95	Manchester	42	91
Cedar Falls	43	92	Maquoketa	42	91
Cedar Rapids	42	92	Marengo	42	92
Centerville	41	93	Marshalltown	42	93
Chariton	41	93	Mason City	43	93
Charles City	43	93	Montezuma	42	93
Cherokee	43	96	Mount Ayr	41	94
Clarinda	41	95	Mount Pleasant	41	92
Clarion	43	94	Muscatine	41	91
Clinton	42	90	Nevada	42	93
Corning	41	95	New Hampton	43	92
Corydon	41	93	Newton	42	93
Council Bluffs	41	96	Northwood	43	93
Cresco	43	92	Onawa	42	96
Creston	41	94	Orange City	43	96
Dakota City	43	94	Osage	43	93
Davenport	42	91	Osceola	41	94
Decorah	43	92	Oskaloosa	41	93
Denison	42	95	Ottumwa	41	92
Des Moines	42	94	Pocahontas	43	95
Dubuque	42	91	Primghar	43	96
Eldora	42	93	Red Oak	41	95
Elkader	43	91	Rock Rapids	43	96
Emmetsburg	43	95	Rockwell City	42	95
Estherville	43	95	Sac City	42	95
Fairfield	41	92	Sibley	43	96
Forest City	43	94	Sidney	41	96
Fort Dodge	43	94	Sigourney	41	92
Fort Madison	41	91	Sioux City	42	96
Garner	43	94	Spencer	43	95
Glenwood	41	96	Spirit Lake	43	95
Greenfield	41	94	Storm Lake	43	95

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Tipton	42	91	Gove	39	100
Toledo	42	93	Great Bend	38	99
Vinton	42	92	Greensburg	38	99
Wapello	41	91	Hays	39	99
Washington	41	92	Hiawatha	40	96
Waterloo	43	92	Hill City	39	100
Waukon	43	91	Holton	39	96
Waverly	43	92	Howard	37	96
Webster City	42	94	Hoxie	39	100
West Union	43	92	Hugoton	37	101
Winterset	41	94	Hutchison	38	98
<i>Kansas</i>			Independence	37	96
Abilene	39	97	Iola	38	95
Alma	39	96	Jetmore	38	100
Anthony	37	98	Johnson	38	102
Arkansas City	37	97	Junction City	39	97
Ashland	37	100	Kansas City	39	95
Atchison	40	95	Kingman	38	98
Atwood	40	101	Kinsley	38	99
Belleville	40	98	La Crosse	39	99
Beloit	39	98	Lakin	38	101
Burlington	38	96	Larned	38	99
Chanute	38	95	Lawrence	39	95
Cimarron	38	100	Leavenworth	39	95
Clay Center	39	97	Leoti	38	101
Coffeyville	37	96	Liberal	37	101
Colby	39	101	Lincoln	39	98
Coldwater	37	99	Lyndon	39	96
Columbus	37	95	Lyons	38	98
Concordia	40	98	McPherson	38	98
Cottonwood Falls	38	97	Manhattan	39	97
Council Grove	39	96	Mankato	40	98
Dighton	38	100	Marion	38	97
Dodge City	38	100	Marysville	40	97
El Dorado	38	97	Meade	37	100
Elkhart	37	102	Medicine Lodge	37	99
Ellsworth	39	98	Minneapolis	39	98
Emporia	38	96	Mound City	38	95
Erie	38	95	Ness City	38	100
Eureka	38	96	Newton	38	97
Fort Scott	38	95	Norton	40	100
Fredonia	38	96	Oakley	39	101
Garden City	38	101	Oberlin	40	101
Garnett	38	95	Olathe	39	95
Girard	38	95	Osborne	39	99
Goodland	39	102	Oskaloosa	39	95
			Oswego	37	95

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Ottawa	39	95	Cadiz	37	88
Paola	39	95	Calhoun	38	87
Parsons	37	95	Campbellsville	37	85
Phillipsburg	40	99	Campton	38	84
Pittsburg	37	95	Carlisle	38	84
Pratt	38	99	Carrollton	39	85
Russell	39	99	Catlettsburg	38	83
Saint Francis	40	102	Clinton	37	89
Saint John	38	99	Columbia	37	85
Salina	39	98	Covington	39	85
Scott City	38	101	Cynthiana	38	84
Sedan	37	96	Danville	38	85
Seneca	40	96	Dixon	38	88
Sharon Springs	39	102	Eddyville	37	88
Smith Center	40	99	Edmonton	37	86
Stockton	39	99	Elizabethtown	38	86
Sublette	37	101	Elkton	37	87
Syracuse	38	102	Falmouth	39	84
Topeka	39	96	Flemingsburg	38	84
Tribune	38	102	Frankfort	38	85
Troy	40	95	Franklin	37	87
Ulysses	38	101	Frenchburg	38	84
Wa Keeny	39	100	Georgetown	38	85
Washington	40	97	Glasgow	37	86
Wellington	37	97	Grayson	38	83
Westmoreland	39	96	Greensburg	37	86
Wichita	38	97	Greenup	39	83
Winfield	37	97	Greenville	37	87
Yates Center	38	96	Hardinsburg	38	86
<i>Kentucky</i>			Harlan	37	83
Albany	37	85	Harrodsburg	38	85
Alexandria	39	84	Hartford	37	87
Ashland	38	83	Hazard	37	83
Barbourville	37	84	Hawesville	38	87
Bardstown	38	85	Henderson	38	88
Bardwell	37	89	Hickman	37	89
Beattyville	38	84	Hindman	37	83
Bedford	39	85	Hodgenville	38	86
Benton	37	88	Hopkinsville	37	87
Booneville	37	84	Hyden	37	83
Bowling Green	37	86	Independence	39	85
Brandenburg	38	86	Inez	38	83
Brooksville	39	84	Irvine	38	84
Brownsville	37	86	Jackson	38	83
Burkesville	37	85	Jamestown	37	85
Burlington	39	85	La Grange	38	85
			Lancaster	38	85

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Lawrenceburg	38	85	Stanton	38	84
Lebanon	38	85	Taylorville	38	85
Leitchfield	37	86	Tompkinsville	37	86
Lexington	38	85	Vanceburg	39	83
Liberty	37	85	Versailles	38	85
London	37	84	Warsaw	39	85
Louisa	38	83	West Liberty	38	83
Louisville	38	86	Whitesburg	37	83
McKee	37	84	Whitley City	37	84
Madisonville	37	87	Wickliffe	37	89
Manchester	37	84	Williamsburg	37	84
Marion	37	88	Williamstown	39	85
Mayfield	39	84	Winchester	38	84
Maysville	39	84			
Middlesboro	37	84	<i>Louisiana</i>		
Monticello	37	85	Abbeville	30	92
Morehead	38	83	Alexandria	31	92
Morganfield	38	88	Amite	31	91
Morgantown	37	87	Arcadia	33	93
Mount Olivet	39	84	Bastrop	33	92
Mount Sterling	38	84	Baton Rouge	30	91
Mount Vernon	37	84	Benton	33	94
Munfordville	37	86	Bogalusa	31	90
Murray	37	88	Cameron	30	93
New Castle	38	85	Chalmette	30	90
Nicholasville	38	85	Clinton	31	91
Owensboro	38	87	Colfax	32	93
Owenton	39	85	Columbia	32	92
Owingsville	38	84	Convent	30	91
Paducah	37	89	Coushatta	32	93
Paintsville	38	83	Covington	30	90
Paris	38	84	Crowley	30	92
Pikeville	37	83	De Ridder	31	93
Pineville	37	84	Donaldsonville	30	91
Prestonsburg	38	83	Edgard	30	91
Princeton	37	88	Eunice	30	92
Richmond	38	84	Farmerville	33	92
Russellville	37	87	Franklin	30	92
Salyersville	38	83	Franklinton	31	90
Sandy Hook	38	83	Greensburg	31	91
Scottsville	37	86	Gretna	30	90
Shelbyville	38	85	Hahnville	30	90
Shepherdsville	38	86	Hammond	30	90
Smithland	37	88	Harrisonburg	32	92
Somerset	37	85	Homer	33	93
Springfield	38	85	Houma	30	91
Stanford	38	85	Jena	32	92
			Jennings	30	93

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Jonesboro	32	93	Houlton	46	68
Lafayette	30	92	Kittery	43	71
Lake Charles	30	93	Lewiston	44	70
Lake Providence	33	91	Machias	45	67
Leesville	31	93	Portland	44	70
Livingston	31	91	Presque Isle	47	68
Mansfield	32	94	Rockland	44	69
Many	32	93	Sanford	43	71
Marksville	31	92	Skowhegan	45	70
Minden	33	93	South Paris	44	71
Monroe	33	92	Waterville	45	70
Morgan City	30	91	Westbrook	44	70
Napoleonville	30	91	Wiscasset	44	70
Natchitoches	32	93			
New Iberia	30	92	<i>Maryland</i>		
New Orleans	30	90	Aberdeen	40	76
New Roads	31	91	Annapolis	39	76
Oak Grove	33	91	Baltimore	39	77
Oberlin	31	93	Bel Air	40	76
Opelousas	31	92	Bowie	39	77
Plaquemine	30	91	Cambridge	39	76
Pointe a la Hache	30	90	Centreville	39	76
Port Allen	30	91	Chestertown	39	76
Rayville	32	92	College Park	39	77
Ruston	33	93	Cumberland	40	79
Saint Francisville	31	91	Denton	39	76
Saint Joseph	32	91	Easton	39	76
Saint Martinville	30	92	Elkton	40	76
Shreveport	33	94	Ellicott City	39	77
Tallulah	32	91	Frederick	39	77
Thibodaux	30	91	Hagerstown	40	78
Vidalia	32	91	Hyattsville	39	77
Ville Platte	31	92	La Plata	39	77
Winnfield	32	93	Leonardtwn	38	77
Winnsboro	32	92	Oakland	39	79
			Prince Frederick	39	77
<i>Maine</i>			Princess Anne	38	76
Alfred	43	71	Rockville	39	77
Auburn	44	70	Salisbury	38	76
Augusta	44	70	Snow Hill	38	75
Bangor	45	69	Towson	39	77
Bath	44	70	Upper Marlboro	39	77
Belfast	44	69	Westminster	40	77
Biddeford	43	70			
Brunswick	44	70	<i>Massachusetts</i>		
Dover-Foxcroft	45	69	Amesbury	43	71
Ellsworth	45	68	Amherst	42	73
Farmington	45	70	Andover	43	71
			Athol	43	72

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Barnstable	42	70	Taunton	42	71
Beverly	43	71	Wakefield	43	71
Boston	42	71	Walpole	42	71
Brockton	42	71	Webster	42	72
Cambridge	42	71	Wellesley	42	71
Clinton	42	72	Westfield	42	73
Concord	42	71	Weymouth	42	71
Danvers	43	71	Woburn	42	71
Dedham	42	71	Worcester	42	72
Easthampton	42	73			
Edgartown	41	71	<i>Michigan</i>		
Fall River	42	71	Adrian	42	84
Fitchburg	43	72	Albion	42	85
Framingham	42	71	Allegan	43	86
Gardner	43	72	Alpena	45	83
Gloucester	43	71	Ann Arbor	42	84
Greenfield	43	73	Atlanta	45	84
Haverhill	43	71	Bad Axe	44	83
Holyoke	42	73	Baldwin	44	86
Lawrence	43	71	Battle Creek	42	85
Leominster	43	72	Bay City	44	84
Lexington	42	71	Bellaire	45	85
Lowell	43	71	Benton Harbor	42	86
Lynn	42	71	Bessemer	46	90
Marlboro	42	72	Beulah	45	86
Melrose	42	71	Big Rapids	44	85
Middleboro	42	71	Birmingham	43	83
Milford	42	72	Cadillac	44	85
Nantucket	41	70	Caro	43	83
Natick	42	71	Cassopolis	42	86
New Bedford	42	71	Centerville	42	86
Newburyport	43	71	Charlevoix	45	85
North Adams	43	73	Charlotte	43	85
Northampton	42	73	Cheboygan	46	84
North Attleboro	42	72	Coldwater	42	85
Northbridge	42	72	Corunna	43	84
Norwood	42	71	Crystal Falls	46	88
Peabody	43	71	Detroit	42	83
Pittsfield	42	73	Eagle River	47	88
Plymouth	42	71	Escanaba	46	87
Quincy	42	71	Flint	43	84
Reading	43	71	Gaylord	45	85
Revere	42	71	Gladwin	44	84
Salem	43	71	Grand Haven	43	86
Southbridge	42	72	Grand Rapids	43	86
Springfield	42	73	Grayling	45	85
Stoughton	42	71	Harrison	44	85

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Harrisville	45	83	Saint Ignace	46	85
Hart	44	86	Saint Johns	43	85
Hastings	43	85	Saint Joseph	42	86
Hillsdale	42	85	Sandusky	43	83
Holland	43	86	Sault Sainte Marie	46	84
Houghton	47	89	Standish	44	84
Howell	43	84	Stanton	43	85
Ionia	43	85	Tawas City	44	84
Iron Mountain	46	88	Traverse City	45	86
Ironwood	46	90	West Branch	44	84
Ithaca	43	85	White Cloud	44	86
Jackson	42	84	Wyandotte	42	83
Kalamazoo	42	86	Ypsilanti	42	84
Kalkaska	45	85			
Lake City	44	85	<i>Minnesota</i>		
L'Anse	47	88	Ada	47	97
Lansing	43	85	Aitkin	47	94
Lapeer	43	83	Albert Lea	44	93
Leland	45	86	Alexandria	46	95
Ludington	44	86	Anoka	45	93
Manistee	44	86	Austin	44	93
Manistique	46	86	Bagley	48	95
Marquette	47	87	Baudette	49	95
Marshall	42	85	Bemidji	47	95
Mason	45	84	Benson	45	96
Menominee	45	88	Blue Earth	44	94
Midland	44	84	Brainerd	46	94
Mio	45	84	Breckenridge	46	97
Monroe	42	83	Buffalo	45	94
Mount Clemens	43	83	Caledonia	44	92
Mount Pleasant	44	85	Cambridge	46	93
Munising	46	87	Carlton	47	92
Muskegon	43	86	Center City	45	93
Newberry	46	86	Chaska	45	94
Niles	42	86	Crookston	48	97
Ontonagon	47	89	Detroit Lakes	47	96
Owosso	43	84	Duluth	47	92
Paw Paw	42	86	Elbow Lake	46	96
Petoskey	45	85	Elk River	45	94
Pontiac	43	83	Fairmont	44	94
Port Huron	43	82	Faribault	44	93
Reed City	44	86	Fergus Falls	46	96
Rogers City	45	84	Foley	46	94
Roscommon	44	85	Gaylord	45	94
Royal Oak	42	83	Glencoe	45	94
Saginaw	43	84	Glenwood	46	95
Saint Clair Shores	42	83	Grand Marais	48	90

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Grand Rapids	47	94	Wabasha	44	92
Granite Falls	45	96	Wadena	46	95
Hallock	49	97	Walker	47	95
Hastings	45	93	Warren	48	97
Hibbing	47	93	Waseca	44	94
International Falls	49	93	Wheaton	46	96
Ivanhoe	44	96	Willmar	45	95
Jackson	44	95	Windom	44	95
Le Center	44	94	Winona	44	92
Litchfield	45	95	Worthington	44	96
Little Falls	46	94	<i>Mississippi</i>		
Long Prairie	46	95	Aberdeen	45	89
Luverne	44	96	Ackerman	33	89
Madison	45	96	Ashland	35	89
Mahnomen	47	96	Batesville	34	90
Mankato	44	94	Bay Saint Louis	30	89
Mantorville	44	93	Bay Springs	32	89
Marshall	44	96	Belzoni	33	90
Milaca	46	94	Biloxi	30	89
Minneapolis	45	93	Booneville	35	89
Montevideo	45	96	Brandon	32	90
Moorhead	47	97	Brookhaven	32	90
Mora	46	93	Canton	33	90
Morris	46	96	Carrollton	34	90
New Ulm	44	94	Carthage	33	90
Olivia	45	95	Charleston	34	90
Ortonville	45	96	Clarksdale	34	91
Owatonna	44	93	Cleveland	34	91
Park Rapids	47	95	Coffeeville	34	90
Pine City	46	93	Collins	32	90
Pipestone	44	96	Columbia	31	90
Preston	44	92	Columbus	33	88
Red Lake Falls	48	96	Corinth	35	89
Red Wing	45	93	Decatur	32	89
Redwood Falls	45	95	De Kalb	33	89
Rochester	44	92	Ellisville	32	89
Roseau	49	96	Fayette	32	91
Saint Cloud	46	94	Forest	32	89
Saint James	44	95	Fulton	34	88
Saint Paul	45	93	Greenville	33	91
Saint Peter	44	94	Greenwood	34	90
Shakopee	45	94	Grenada	34	90
Slayton	45	96	Gulfport	30	89
Stillwater	45	93	Hattiesburg	31	89
Thief River Falls	48	96	Hazlehurst	32	90
Two Harbors	47	92	Hernando	35	90
Virginia	48	93	Holly Springs	35	89

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Houston	34	89	Tupelo	34	89
Indianola	33	91	Tylertown	31	90
Iuka	35	88	Vaiden	33	90
Jackson	32	90	Vicksburg	32	91
Kosciusko	33	90	Walthall	34	89
Laurel	32	89	Water Valley	34	90
Leakesville	31	89	Waynesboro	32	89
Lexington	33	90	West Point	34	89
Liberty	31	91	Wiggins	31	89
Louisville	33	89	Winona	33	90
Lucedale	31	89	Woodville	31	91
McComb	31	90	Yazoo City	33	90
Macon	33	89	<i>Missouri</i>		
Magnolia	31	90	Albany	40	94
Marks	34	90	Alton	37	91
Mayersville	33	91	Ava	37	93
Meadville	31	91	Benton	37	90
Mendenhall	32	90	Bethany	40	94
Meridian	32	89	Bloomfield	37	90
Monticello	32	90	Bolivar	38	93
Moss Point	30	89	Boonville	39	93
Natchez	32	91	Bowling Green	39	91
New Albany	34	89	Buffalo	38	93
New Augusta	31	89	Butler	38	94
Okolona	34	89	California	39	93
Oxford	34	90	Camdenton	38	93
Pascagoula	30	89	Cape Girardeau	37	90
Paulding	32	89	Carrollton	39	94
Philadelphia	33	89	Carthage	37	94
Picayune	31	90	Caruthersville	36	90
Pittsboro	34	89	Cassville	37	94
Pontotoc	34	89	Centerville	37	91
Poplarville	31	90	Charleston	37	89
Port Gibson	32	91	Chillicothe	40	94
Prentiss	32	90	Clayton	39	90
Purvis	31	89	Clinton	38	94
Quitman	32	89	Columbia	39	92
Raleigh	32	90	Doniphan	37	91
Raymond	32	90	Edina	40	92
Ripley	35	89	Eminence	37	91
Rolling Fork	33	91	Farmington	38	90
Rosedale	34	91	Fayette	39	93
Sardis	34	90	Forsyth	37	93
Senatobia	35	90	Fredericktown	38	90
Starkville	33	89	Fulton	39	92
Sumner	34	90	Gainesville	37	92
Tunica	35	90			

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Galena	37	93	New Madrid	37	90
Gallatin	40	94	Oregon	40	95
Grant City	40	94	Osceola	38	94
Greenfield	37	94	Ozark	37	93
Greenville	37	90	Palmyra	40	92
Hannibal	40	91	Paris	39	92
Harrisonville	39	94	Perryville	38	90
Hartville	37	93	Pineville	37	94
Hermann	39	91	Platte City	39	95
Hermitage	38	93	Plattsburg	40	94
Hillsboro	38	91	Poplar Bluff	37	90
Houston	37	92	Potosi	38	91
Huntsville	39	93	Princeton	40	94
Independence	39	94	Richmond	39	94
Ironton	38	91	Rock Port	40	96
Jackson	37	90	Rolla	38	92
Jefferson City	39	92	Saint Charles	39	91
Joplin	37	95	Sainte Genevieve	38	90
Kahoka	40	92	Saint Joseph	40	95
Kansas City	39	95	Saint Louis	39	90
Kennett	36	90	Salem	38	92
Keytesville	39	93	Savannah	40	95
Kingston	40	94	Sedalia	39	93
Kirksville	40	93	Shelbyville	40	92
Lamar	37	94	Sikeston	37	90
Lancaster	41	93	Springfield	37	93
Lebanon	38	93	Steelville	38	91
Lexington	39	94	Stockton	38	94
Liberty	39	94	Trenton	40	94
Linn	38	92	Troy	39	91
Linneus	40	93	Tuscumbia	38	92
Macon	40	92	Union	38	91
Marble Hill	37	90	Unionville	40	93
Marshal	39	93	Van Buren	37	91
Marshfield	37	93	Versailles	38	93
Maryville	40	95	Vienna	38	92
Maysville	40	94	Warrensburg	39	91
Memphis	40	92	Warrenton	39	91
Mexico	39	92	Warsaw	38	93
Milan	40	93	Waynesville	38	92
Moberly	39	92	West Plains	37	92
Montgomery City	39	92			
Monticello	40	92	<i>Montana</i>		
Mount Vernon	37	94	Anaconda	46	113
Neosho	37	94	Baker	46	104
Nevada	38	94	Big Timber	46	110
New London	40	91	Billings	46	109
			Boulder	46	112

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Bozeman	46	111	White Sulphur Springs	47	111
Broadus	45	105	Wibaux	47	104
Butte	46	113	Winnett	47	108
Chester	49	111	Wolf Point	48	106
Chinook	49	109			
Choteau	48	112	<i>Nebraska</i>		
Circle	47	106	Ainsworth	43	100
Columbus	46	109	Albion	42	98
Conrad	48	112	Alliance	42	103
Cut Bank	49	112	Alma	40	99
Deer Lodge	46	113	Arthur	42	102
Dillon	45	113	Auburn	40	96
Ekalaka	46	105	Aurora	41	98
Forsyth	46	107	Bartlett	42	99
Fort Benton	48	111	Bassett	43	100
Glasgow	48	107	Beatrice	40	97
Glendive	47	105	Beaver City	40	100
Great Falls	48	111	Benkelman	40	102
Hamilton	46	114	Blair	42	96
Hardin	46	108	Brewster	42	100
Harlowton	46	110	Bridgeport	42	103
Havre	49	110	Broken Bow	41	100
Helena	47	112	Burwell	42	99
Hysham	46	107	Butte	43	99
Jordan	47	107	Center	43	98
Kalispell	48	114	Central City	41	98
Lewistown	47	109	Chadron	43	103
Libby	48	116	Chappell	41	102
Livingston	46	111	Clay Center	41	98
Malta	48	108	Columbus	41	97
Miles City	46	106	Dakota City	42	96
Missoula	47	114	David City	41	97
Philipsburg	46	113	Elwood	41	100
Plentywood	49	105	Fairbury	40	97
Polson	48	114	Falls City	40	96
Red Lodge	45	109	Franklin	40	99
Roundup	46	109	Fremont	41	97
Ryegate	46	109	Fullerton	41	98
Scobey	49	105	Geneva	41	98
Shelby	49	112	Gering	42	104
Sidney	48	104	Grand Island	41	98
Stanford	47	110	Grant	41	102
Superior	47	115	Greeley	42	99
Terry	47	105	Harrisburg	42	104
Thompson Falls	48	115	Harrison	43	104
Townsend	46	112	Hartington	43	97
Virginia City	45	112	Hastings	41	98

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Hayes Center	41	101	Trenton	40	101
Hebron	40	98	Tryon	42	101
Holdrege	40	99	Valentine	43	101
Hyannis	42	102	Wahoo	41	97
Imperial	41	102	Wayne	42	97
Kearney	41	99	West Point	42	97
Kimball	41	104	Wilber	40	97
Lexington	41	100	York	41	98
Lincoln	41	97	<i>Nevada</i>		
Loup City	41	99	Austin	39	117
McCook	40	101	Carson City	39	120
Madison	42	97	Elko	41	116
Minden	40	99	Ely	39	115
Mullen	42	101	Eureka	40	116
Nebraska City	41	96	Fallon	39	119
Neligh	42	98	Goldfield	38	117
Nelson	40	98	Hawthorne	39	119
Norfolk	42	97	Henderson	36	115
North Platte	41	101	Las Vegas	36	115
Ogallala	41	102	Lovelock	40	118
Omaha	41	96	Minden	39	120
O'Neill	42	99	Pioche	38	114
Ord	42	99	Reno	40	120
Osceola	41	98	Tonopah	38	117
Oshkosh	41	102	Virginia City	39	120
Papillion	41	96	Winnemucca	41	118
Pawnee City	40	96	Yerington	39	119
Pender	42	97	<i>New Hampshire</i>		
Pierce	42	98	Berlin	44	71
Plattsmouth	41	96	Claremont	43	72
Ponca	43	97	Concord	43	72
Red Cloud	40	99	Derry	43	71
Rushville	43	102	Dover	43	71
Saint Paul	41	98	Exeter	43	71
Schuyler	41	97	Keene	43	72
Scottsbluff	42	104	Laconia	44	71
Seward	41	97	Lancaster	44	72
Sidney	41	103	Lebanon	44	72
Springview	43	100	Manchester	43	71
Stanton	42	97	Nashua	43	71
Stapleton	41	101	Newport	43	72
Stockville	41	100	Ossipee	44	71
Taylor	42	99	Portsmouth	43	71
Tecumseh	40	96	Rochester	43	71
Tekamah	42	96	Salem	43	71
Thedford	42	101	Somersworth	43	71
			Woodsville	44	72

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
<i>New Jersey</i>			Westfield	41	74
Asbury Park	40	74	Woodbury	40	75
Atlantic City	39	74	<i>New Mexico</i>		
Belvidere	41	75	Alamogordo	33	106
Bound Brook	41	75	Albuquerque	35	107
Bridgeton	39	75	Aztec	37	108
Burlington	40	75	Bernalillo	35	107
Camden	40	75	Carlsbad	32	104
Cape May			Carrizozo	34	106
Court House	39	75	Clayton	36	103
Dover	41	75	Clovis	34	103
Elizabeth	41	74	Deming	32	108
Flemington	41	75	Estancia	35	106
Freehold	40	74	Fort Sumner	34	104
Glassboro	40	75	Gallup	36	109
Hackensack	41	74	Hobbs	33	103
Hammonton	40	75	Las Cruces	32	107
Jersey City	41	74	Las Vegas	36	105
Long Branch	40	74	Lordsburg	32	109
Madison	41	74	Los Alamos	36	106
Manville	41	75	Los Lunas	35	107
Mays Landing	39	75	Lovington	33	103
Metuchen	41	74	Mora	36	105
Millville	39	75	Mosquero	36	104
Montclair	41	74	Portales	34	103
Morristown	41	74	Raton	37	104
Mount Holly	40	75	Reserve	34	109
Newark	41	74	Roswell	33	105
New Brunswick	40	74	Santa Fe	36	106
Newton	41	75	Santa Rosa	35	105
Ocean City	39	75	Silver City	33	108
Paterson	41	74	Socorro	34	107
Perth Amboy	41	74	Taos	36	106
Phillipsburg	41	75	Tierra Amarilla	37	107
Plainfield	41	74	Truth or		
Pleasantville	39	75	Consequences	33	107
Princeton	40	75	Tucumcari	35	104
Red Bank	40	74	<i>New York</i>		
Ridgewood	41	74	Albany	43	74
Salem	40	75	Albion	43	78
Sayreville	40	74	Amsterdam	43	74
Somerville	41	75	Auburn	43	77
South River	40	74	Ballston Spa	43	74
Summit	41	74	Batavia	43	78
Toms River	40	74	Bath	42	77
Trenton	40	75	Beacon	42	74
Vineland	39	75	Belmont	42	78

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Binghampton	42	76	Monticello	42	75
Bronx	41	74	Newburgh	41	74
Brooklyn	41	74	New City	41	74
Buffalo	43	79	New York	41	74
Canandaigua	43	77	Niagara Falls	43	79
Canton	45	75	Norwich	43	76
Carmel	41	74	Ogdensburg	45	75
Catskill	42	74	Olean	42	78
Cohoes	43	74	Oneida	43	76
Cooperstown	43	75	Oneonta	42	75
Corning	42	77	Ossining	41	74
Cortland	43	76	Oswego	43	77
Delhi	42	75	Ovid	43	77
Dunkirk	42	79	Owego	42	76
Elizabethtown	44	74	Peekskill	41	74
Elmira	42	77	Penn Yan	43	77
Fonda	43	74	Plattsburgh	45	73
Fulton	43	76	Port Chester	41	74
Geneseo	43	78	Poughkeepsie	42	74
Geneva	43	77	Riverhead	41	73
Glen Cove	41	74	Rochester	43	78
Glens Falls	43	74	Rome	43	75
Gloversville	43	74	Saint George	41	74
Goshen	41	74	Saratoga Springs	43	74
Hempstead	41	74	Schenectady	43	74
Herkimer	43	75	Schoharie	43	74
Hornell	42	78	Syracuse	43	76
Hudson	42	74	Tonawanda	43	79
Hudson Falls	43	74	Troy	43	74
Ithaca	42	77	Utica	43	75
Jamaica	41	74	Wampsville	43	76
Jamestown	42	79	Warsaw	43	78
Johnstown	43	74	Waterloo	43	77
Kingston	42	74	Watertown	44	76
Lake George	43	74	Watkins Glen	42	77
Lake Pleasant	43	74	White Plains	41	74
Lindenhurst	41	73	<i>North Carolina</i>		
Little Falls	43	75	Albemarle	35	80
Little Valley	42	79	Asheboro	36	80
Lockport	43	79	Asheville	36	83
Lowville	44	75	Bakersville	36	82
Lyons	43	77	Bayboro	35	77
Malone	45	74	Beaufort	35	77
Massena	45	75	Boone	36	82
Mayville	42	80	Brevard	35	83
Middletown	41	74	Bryson City	35	83
Mineola	41	74			

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Burgaw	35	78	Marion	36	82
Burlington	36	79	Marshall	36	83
Burnsville	36	82	Mocksville	36	81
Camden	36	76	Monroe	35	81
Carthage	35	79	Morganton	36	82
Chapel Hill	36	79	Murphy	35	84
Charlotte	35	81	Nashville	36	78
Clinton	35	78	New Bern	35	77
Columbia	36	76	Newland	36	82
Columbus	35	82	Newton	36	81
Concord	35	81	Oxford	36	79
Currituck	36	76	Pittsboro	36	79
Danbury	36	80	Plymouth	36	77
Dobson	36	81	Raeoford	35	79
Durham	36	79	Raleigh	36	79
Edenton	36	77	Reidsville	36	80
Elizabeth City	36	76	Roanoke Rapids	36	78
Elizabethtown	35	79	Robbinsville	35	84
Fayetteville	35	79	Rockingham	35	80
Franklin	35	83	Rocky Mount	36	78
Gastonia	35	81	Roxboro	36	79
Gatesville	36	77	Rutherfordton	35	82
Graham	36	79	Salisbury	36	80
Greensboro	36	80	Sanford	35	79
Greenville	36	77	Shelby	35	82
Halifax	36	78	Smithfield	36	78
Hayesville	35	84	Snow Hill	35	78
Henderson	36	82	Southport	34	78
Hendersonville	35	82	Sparta	37	81
Hertford	36	76	Statesville	36	81
Hickory	36	81	Swanquarter	35	76
High Point	36	80	Sylva	35	83
Hillsboro	36	79	Tarboro	36	78
Jackson	36	77	Taylorsville	36	81
Jacksonville	35	77	Thomasville	36	80
Jefferson	36	81	Trenton	35	77
Kenansville	35	78	Troy	35	80
Kinston	35	78	Wadesboro	35	80
Laurinburg	35	79	Warrenton	36	78
Lenoir	36	82	Washington	36	77
Lexington	36	80	Waynesville	35	83
Lillington	35	79	Wentworth	36	80
Lincolnton	35	81	Whiteville	34	79
Louisburg	36	78	Wilkesboro	36	81
Lumberton	35	79	Williamston	36	77
Manteo	36	76	Wilmington	34	78
			Wilson	36	78

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Windsor	36	77	New Rockford	48	99
Winston-Salem	36	80	Rolla	49	100
Winton	36	77	Rugby	48	100
Yadkinville	36	81	Stanley	48	102
Yanceyville	36	79	Stanton	47	101
<i>North Dakota</i>			Steele	47	100
Amidon	46	103	Towner	48	100
Ashley	46	99	Valley City	47	98
Beach	47	104	Wahpeton	46	97
Bismarck	47	101	Washburn	47	101
Bottineau	49	100	Watford City	48	103
Bowbells	49	102	Williston	48	104
Bowman	46	103	<i>Ohio</i>		
Cando	48	99	Akron	41	82
Carrington	47	99	Alliance	41	81
Carson	46	102	Ashland	41	82
Cavalier	49	98	Ashtabula	42	81
Center	47	101	Athens	39	82
Cooperstown	47	98	Barberton	41	82
Crosby	49	103	Batavia	39	84
Devils Lake	48	99	Bellaire	40	81
Dickinson	47	103	Bellefontaine	40	84
Ellendale	46	99	Berea	41	82
Fargo	47	97	Bowling Green	41	84
Fessenden	48	100	Bryan	41	85
Finley	48	98	Bucyrus	41	83
Forman	46	98	Cadiz	40	81
Fort Yates	46	101	Caldwell	40	82
Grafton	48	97	Cambridge	40	82
Grand Forks	48	97	Canton	41	81
Hettinger	46	103	Carrollton	41	81
Hillsboro	47	97	Celina	41	85
Jamestown	47	99	Chardon	42	81
Lakota	48	98	Chillicothe	39	83
La Moure	46	98	Cincinnati	39	85
Langdon	49	98	Circleville	40	83
Linton	46	100	Cleveland	41	82
Lisbon	46	98	Columbus	40	83
McClusky	47	100	Coshocton	40	82
Mandan	47	101	Dayton	40	84
Manning	47	103	Defiance	41	84
Medora	47	104	Delaware	40	83
Minnewaukan	48	99	East Liverpool	41	81
Minot	48	101	Eaton	40	85
Mohall	49	102	Elyria	41	82
Mott	46	102	Findlay	41	84
Napoleon	47	100	Fostoria	41	83

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Fremont	41	83	Salem	41	81
Gallipolis	39	82	Sandusky	41	83
Georgetown	39	84	Sidney	40	84
Greenville	40	85	Springfield	40	84
Hamilton	39	85	Steubenville	40	81
Hillsboro	39	84	Tiffin	41	83
Ironton	39	83	Toledo	42	84
Jackson	39	83	Troy	40	84
Jefferson	42	81	Upper Sandusky	41	83
Kent	41	81	Urbana	40	84
Kenton	41	84	Van Wert	41	85
Lancaster	40	83	Wapakoneta	41	84
Lebanon	39	84	Warren	41	81
Lima	41	84	Washington Court House	40	83
Lisbon	41	81	Wauseon	42	84
Logan	40	82	Waverly	39	83
London	40	83	West Union	39	84
Lorain	41	82	Wilmington	39	84
McArthur	39	82	Woodfield	40	81
McConnelsville	40	82	Wooster	41	82
Mansfield	41	83	Xenia	40	84
Marietta	39	81	Youngstown	41	81
Marion	41	83	Zanesville	40	82
Martins Ferry	40	81	<i>Oklahoma</i>		
Marysville	40	83	Ada	35	97
Massillon	41	82	Altus	35	99
Medina	41	82	Alva	37	99
Mentor	42	81	Anadarko	35	98
Middleton	39	84	Antlers	34	96
Millersburg	41	82	Arapaho	36	99
Mount Gilead	41	83	Ardmore	34	97
Mount Vernon	40	82	Arnett	36	100
Napoleon	41	84	Atoka	34	96
Newark	40	82	Bartlesville	37	96
New Lexington	40	82	Beaver	37	101
New Philadelphia	40	81	Blackwell	37	97
Norwalk	41	83	Boise City	37	103
Ottawa	41	84	Broken Arrow	36	96
Painesville	42	81	Buffalo	37	100
Parma	41	82	Chandler	36	97
Paulding	41	85	Cherokee	37	98
Piqua	40	84	Cheyenne	36	100
Pomeroy	39	82	Chickasha	35	98
Port Clinton	42	83	Claremore	36	96
Portsmouth	39	83	Coalgate	35	96
Ravenna	41	81	Cordell	35	99
Saint Clairsville	40	81			

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Duncan	34	98	Tahlequah	36	95
Durant	34	96	Taloga	36	99
Edmond	36	97	Tishomingo	34	97
El Reno	36	98	Tulsa	36	96
Enid	36	98	Vinita	37	95
Eufaula	35	96	Wagoner	36	95
Fairview	36	98	Walters	34	98
Frederick	34	99	Watonga	36	98
Guthrie	36	97	Waurika	34	98
Guymon	37	101	Wewoka	35	96
Hobart	35	99	Wilburton	35	95
Holdenville	35	96	Woodward	36	99
Hollis	35	100	<i>Oregon</i>		
Hugo	34	96	Albany	45	123
Idabel	34	95	Ashland	42	123
Jay	36	95	Astoria	46	124
Kingfisher	36	98	Baker	45	118
Lawton	35	98	Bend	44	121
McAlester	35	96	Burns	44	119
Madill	34	97	Canyon City	44	119
Mangum	35	100	Condon	45	120
Marietta	34	97	Coos Bay	43	124
Medford	37	98	Coquille	43	124
Miami	37	95	Corvallis	45	123
Muskogee	36	95	Dallas	45	123
Newkirk	37	97	Enterprise	45	117
Norman	35	97	Eugene	44	123
Nowata	37	96	Fossil	45	120
Okemah	35	96	Gold Beach	42	124
Oklahoma City	35	98	Grants Pass	42	123
Okmulgee	36	96	Heppner	45	120
Pauls Valley	35	97	Hillsboro	46	123
Pawhuska	37	96	Hood River	46	122
Pawnee	36	97	Klamath Falls	42	122
Perry	36	97	La Grande	45	118
Ponca City	37	97	Lakeview	42	120
Poteau	35	95	McMinnville	45	123
Pryor	36	95	Madras	45	121
Purcell	35	97	Medford	42	123
Sallisaw	35	95	Moro	45	121
Sapulpa	36	96	Newport	45	124
Sayre	35	100	Newport City	45	123
Shawnee	35	97	Oregon City	45	123
Stigler	35	95	Pendleton	46	119
Stillwater	36	97	Portland	46	123
Stilwell	36	95	Prineville	44	121
Sulphur	35	97	Roseburg	43	123

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Saint Helens	46	123	Jim Thorpe	41	76
Salem	45	123	Johnstown	40	79
The Dalles	46	121	Kittanning	41	80
Tillamook	45	124	Lancaster	40	76
Vale	44	117	Lansdale	40	75
<i>Pennsylvania</i>			Laporte	41	76
Aliquippa	41	80	Latrobe	40	79
Allentown	41	75	Lebanon	40	76
Altoona	41	78	Lewisburg	41	77
Beaver	41	80	Lewistown	41	78
Bedford	40	78	Lock Haven	41	77
Bellefonte	41	78	McConnellsburg	40	78
Berwick	41	76	McKeesport	40	80
Bloomsburg	41	76	Meadville	42	80
Bradford	42	79	Media	40	75
Brookville	41	79	Mercer	41	80
Butler	41	80	Middleburg	41	77
Canonsburg	40	80	Mifflintown	41	77
Carbondale	42	76	Milford	41	75
Carlisle	40	77	Monessen	40	80
Chambersburg	40	78	Montrose	42	76
Chester	40	75	Nanticoke	41	76
Clairton	40	80	New Bloomfield	40	77
Clarion	41	79	New Castle	41	80
Clearfield	41	78	New Kensington	41	80
Coatesville	40	76	Norristown	40	75
Columbia	40	76	Oil City	41	80
Connellsville	40	80	Philadelphia	40	75
Coudersport	42	78	Phoenixville	40	76
Danville	41	77	Pittsburgh	40	80
Doylestown	40	75	Pottstown	40	76
Du Bois	41	79	Pottsville	41	76
Easton	41	75	Reading	40	76
Ebensburg	40	79	Ridgway	41	79
Emporium	42	78	Scranton	41	76
Erie	42	80	Shamokin	41	77
Franklin	41	80	Sharon	41	80
Gettysburg	40	77	Shenandoah	41	76
Greenburg	40	80	Smethport	42	78
Hanover	40	77	Somerset	40	79
Harrisburg	40	77	State College	41	78
Hazleton	41	76	Stroudsburg	41	75
Hollidaysburg	40	78	Sunbury	41	77
Honesdale	42	75	Tionesta	41	79
Huntingdon	40	78	Towanda	42	76
Indiana	41	79	Tunkhannock	42	76
Jeannette	40	80	Uniontown	40	80

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Warren	42	79	Hampton	33	81
Washington	40	80	Hartsville	34	80
Waynesburg	40	80	Kingstree	34	80
Wellsboro	42	77	Lancaster	35	81
West Chester	40	76	Laurens	35	82
Wilkes-Barre	41	76	Lexington	34	81
Williamsport	41	77	McCormick	34	82
York	40	77	Manning	34	80
<i>Rhode Island</i>			Marion	34	79
Bristol	42	71	Moncks Corner	33	80
Coventry	42	72	Newberry	34	82
East Greenwich	42	71	Orangeburg	34	81
Middletown	42	71	Pickens	35	83
Newport	41	71	Ridgeland	32	81
Providence	42	71	Rock Hill	35	81
Tiverton	42	71	Saint George	33	81
Warwick	42	71	Saint Matthews	34	81
Westerly	41	72	Saluda	34	82
West Kingston	41	72	Spartanburg	35	82
West Warwick	42	72	Sumter	34	80
Woonsocket	42	72	Union	35	82
<i>South Carolina</i>			Walhalla	35	83
Abbeville	34	82	Walterboro	33	81
Aiken	34	82	Winnsboro	34	81
Allendale	33	81	York	35	81
Anderson	35	83	<i>South Dakota</i>		
Bamberg	33	81	Aberdeen	45	98
Barnwell	33	81	Alexandria	44	98
Beaufort	32	81	Armour	43	98
Bennettsville	35	80	Belle Fourche	45	104
Bishopville	34	80	Bison	46	102
Camden	34	81	Britton	46	98
Charleston	33	80	Brookings	44	97
Chester	35	81	Buffalo	46	104
Chesterfield	35	80	Burke	43	99
Columbia	34	81	Canton	43	97
Conway	34	79	Chamberlain	44	99
Darlington	34	80	Clark	45	98
Dillon	34	79	Clear Lake	45	97
Easley	35	83	Custer	44	104
Edgefield	34	82	Deadwood	44	104
Florence	34	80	De Smet	44	98
Gaffney	35	82	Dupree	45	102
Georgetown	33	79	Elk Point	43	97
Greenville	35	82	Faulkton	45	99
Greenwood	34	82	Flandreau	44	97
Greer	35	82	Fort Pierre	44	100

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Gannvalley	44	99	Athens	35	85
Gettysburg	45	100	Benton	35	85
Hayti	45	97	Blountville	37	82
Highmore	45	99	Bolivar	35	89
Hot Springs	43	103	Bristol	37	82
Howard	44	98	Brownsville	36	89
Huron	44	98	Byrdstown	37	85
Ipswich	45	99	Camden	36	88
Kadoka	44	102	Carthage	36	86
Kennebec	44	100	Celina	37	85
Lake Andes	43	99	Centerville	36	87
Leola	46	99	Charlotte	36	87
McIntosh	46	101	Chattanooga	35	85
Madison	44	97	Clarksville	37	87
Martin	43	102	Cleveland	35	85
Milbank	45	97	Clinton	36	84
Miller	45	99	Columbia	36	87
Mitchell	44	98	Cookeville	36	86
Mound City	46	100	Covington	36	90
Murdo	44	101	Crossville	36	85
Olivet	43	98	Dandridge	36	83
Onida	45	100	Dayton	36	85
Parker	43	97	Decatur	36	85
Philip	44	102	Decaturville	36	88
Pierre	44	100	Dover	36	88
Plankinton	44	98	Dresden	36	89
Rapid City	44	103	Dunlap	35	85
Redfield	45	99	Dyersburg	36	89
Salem	44	97	Elizabethton	36	82
Selby	46	100	Erin	36	88
Sioux Falls	44	97	Erwin	36	82
Sisseton	46	97	Fayetteville	35	87
Sturgis	44	104	Franklin	36	87
Timber Lake	45	101	Gainesboro	36	86
Tyndall	43	98	Gallatin	36	86
Vermillion	43	97	Greeneville	36	83
Watertown	45	97	Hartsville	36	86
Webster	45	98	Henderson	35	89
Wessington Springs	44	99	Hohenwald	36	88
White River	44	101	Humboldt	36	89
Winner	43	100	Huntingdon	36	88
Woonsocket	44	98	Huntsville	36	84
Yankton	43	97	Jackboro	36	84
<i>Tennessee</i>			Jackson	36	89
Alamo	36	89	Jacksboro	36	84
Altamont	35	86	Jasper	35	86
Ashland City	36	87	Johnson City	36	82

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Kingsport	37	83	Union City	36	89
Kingston	36	85	Wartburg	36	85
Knoxville	36	84	Waverly	36	88
Lafayette	37	86	Waynesboro	35	88
Lawrenceburg	35	87	Winchester	35	86
Lebanon	36	86	Woodbury	36	86
Lewisburg	35	87	<i>Texas</i>		
Lexington	36	88	Abilene	32	100
Linden	36	88	Albany	33	99
Livingston	36	85	Alice	28	98
Loudon	36	84	Alpine	30	104
Lynchburg	35	86	Alvin	29	95
McMinnville	36	86	Amarillo	35	102
Madisonville	36	84	Anahuac	30	95
Manchester	35	86	Anderson	30	96
Maryville	36	84	Andrews	32	103
Maynardville	36	84	Angleton	29	95
Memphis	35	90	Anson	33	100
Millington	35	90	Archer City	34	99
Morristown	36	83	Arlington	33	97
Mountain City	36	82	Aspermont	33	100
Murfreesboro	36	86	Athens	32	96
Nashville	36	87	Austin	30	98
Newport	36	83	Baird	32	99
Oak Ridge	36	84	Ballinger	32	100
Paris	36	88	Bandera	30	99
Pikeville	36	85	Bastrop	30	97
Pulaski	35	87	Bay City	29	96
Ripley	36	90	Baytown	30	95
Rogersville	36	83	Beaumont	30	94
Rutledge	36	84	Beeville	28	98
Savannah	35	88	Bellville	30	96
Selmer	35	89	Belton	31	97
Sevierville	36	84	Benjamin	34	100
Shelbyville	35	86	Big Lake	31	101
Smithville	36	86	Big Spring	32	101
Sneedville	37	83	Boerne	30	99
Somerville	35	89	Bonham	34	96
Sparta	36	85	Borger	36	101
Spencer	36	85	Boston	33	94
Springfield	37	87	Brackettville	29	100
Tazewell	36	84	Brady	31	99
Tiptonville	36	89	Breckenridge	33	99
Trenton	36	89	Brenham	30	96
Tullahoma	35	86	Brownfield	33	102
			Brownsville	26	97
			Brownwood	32	99

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Bryan	31	96	Eldorado	31	101
Burnet	31	98	El Paso	32	106
Caldwell	31	97	Emory	33	96
Cameron	31	97	Ennis	32	97
Canadian	36	100	Fairfield	32	96
Canton	33	96	Falfurrias	27	98
Canyon	35	102	Farwell	34	103
Carrizo Springs	29	100	Floresville	29	98
Carthage	32	94	Floydada	34	101
Center	32	94	Fort Davis	31	104
Centerville	31	96	Fort Stockton	31	103
Channing	36	102	Forth Worth	33	97
Childress	34	100	Franklin	31	96
Clarendon	35	101	Fredericksburg	30	99
Clarksville	34	95	Gail	33	101
Claude	35	101	Gainesville	34	97
Cleburne	32	97	Galveston	29	95
Coldspring	31	95	Garden City	32	101
Coleman	32	99	Gatesville	31	98
Colorado City	32	101	Georgetown	31	98
Columbus	30	97	George West	28	98
Comanche	32	99	Giddings	30	97
Conroe	30	95	Gilmer	33	95
Cooper	33	96	Glenn Rose	32	98
Corpus Christi	28	97	Goldthwaite	31	99
Corsicana	32	96	Goliad	29	97
Cotulla	28	99	Gonzales	30	97
Crane	31	102	Graham	33	99
Cricket	31	95	Granbury	32	98
Crosbyton	34	101	Greenville	33	96
Crowell	34	100	Groesbeck	32	97
Crystal City	29	100	Groveton	31	95
Cuero	29	97	Guthrie	34	100
Daingerfield	33	95	Hallettsville	29	97
Dalhart	36	103	Hamilton	32	98
Dallas	33	97	Harlingen	26	98
Decatur	33	98	Haskell	33	100
Del Rio	29	101	Hebbronville	27	99
Denison	34	97	Hemphill	31	94
Denton	33	97	Hempstead	30	96
Dickens	34	101	Henderson	32	95
Dimmitt	35	102	Henrietta	34	98
Dumas	36	102	Hereford	35	102
Eagle Pass	29	100	Hillsboro	32	97
Eastland	32	99	Hondo	29	99
Edinburg	26	98	Houston	30	95
Edna	29	97	Huntsville	31	96

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Jacksboro	33	98	Monahans	32	103
Jasper	31	94	Montague	34	98
Jayton	33	101	Morton	34	103
Jefferson	33	94	Mount Pleasant	33	95
Johnson City	30	98	Mount Vernon	33	95
Jourdanton	29	99	Muleshoe	34	103
Junction	30	100	Nacogdoches	32	95
Karnes City	29	98	New Braunfels	30	98
Kaufman	33	96	Newton	31	94
Kermit	32	103	Odessa	32	102
Kerrville	30	99	Orange	30	94
Killeen	31	98	Ozona	31	101
Kingsville	28	98	Paducah	34	100
Kountze	30	94	Paint Rock	32	100
La Grange	30	97	Palestine	32	96
Lake Jackson	29	95	Palo Pinto	33	98
Lamesa	33	102	Pampa	36	101
Lampasas	31	98	Panhandle	35	101
Laredo	27	100	Paris	34	96
Leakey	30	100	Pearsall	29	99
Levelland	34	102	Pecos	31	104
Liberty	30	95	Perryton	36	101
Linden	33	94	Pittsburg	33	95
Lipscomb	36	100	Plains	33	103
Littlefield	34	102	Plainview	34	102
Livingston	31	95	Port Arthur	30	94
Llano	31	99	Port Lavaca	29	97
Lockhart	30	98	Post	33	101
Longview	32	95	Quanah	34	100
Lubbock	34	102	Quitman	33	95
Lufkin	31	95	Rankin	31	102
McAllen	26	98	Raymondville	26	98
McKinney	33	97	Refugio	28	97
Madisonville	31	96	Richmond	30	96
Marfa	30	104	Rio Grand City	26	99
Marlin	31	97	Robert Lee	32	100
Marshall	33	94	Robstown	28	98
Mason	31	99	Roby	33	100
Matador	34	101	Rockport	28	97
Memphis	35	101	Rocksprings	30	100
Menard	31	100	Rockwall	33	96
Mentone	32	104	Rusk	32	95
Meridian	32	98	San Angelo	31	100
Mertzon	31	101	San Antonio	29	98
Miami	36	101	San Augustine	32	94
Midland	32	102	Sanderson	30	102
Mineral Wells	33	98	San Diego	28	98

City	Lat. N.	Long. W.	City	N. Lat.	W. Long.
San Marcos	30	98	Castle Dale	39	111
San Saba	31	99	Coalville	41	111
Sarita	37	98	Duchesne	40	110
Seguin	30	98	Farmington	41	112
Seminole	33	103	Fillmore	39	112
Seymour	34	99	Heber City	41	111
Sherman	34	97	Junction	38	112
Sierra Blanca	31	105	Kanab	37	113
Silverton	34	101	Loa	38	112
Sinton	28	98	Logan	42	112
Snyder	33	101	Manila	41	110
Sonora	31	101	Manti	39	112
Spearman	36	101	Moab	39	110
Stanton	32	102	Monticello	38	109
Stephenville	32	98	Morgan	41	112
Sterling City	32	101	Murray	41	112
Stinnett	36	101	Nephi	40	112
Stratford	36	102	Ogden	41	112
Sulphur Springs	33	96	Panguitch	38	112
Sweetwater	32	100	Parowan	38	113
Tahoka	33	102	Price	40	111
Temple	31	97	Provo	40	112
Terrell	33	96	Randolph	42	111
Texarkana	33	94	Richfield	39	112
Texas City	29	95	Saint George	37	114
Throckmorton	33	99	Salt Lake City	41	112
Tilden	28	99	Tooele	41	112
Tulia	35	102	Vernal	40	110
Tyler	32	95	<i>Vermont</i>		
Uvalde	29	100	Barre	44	72
Van Horn	31	105	Bennington	43	73
Vega	35	102	Brattleboro	43	73
Vernon	34	99	Burlington	44	73
Victoria	29	97	Chelsea	44	72
Waco	32	97	Guildhall	45	72
Waxahachie	32	97	Hyde Park	45	73
Weatherford	33	98	Middlebury	44	73
Wellington	35	100	Montpelier	44	73
Wharton	29	96	Newfane	43	73
Wheeler	35	100	Newport	45	72
Wichita Falls	34	99	North Hero	45	73
Woodville	31	94	Rutland	44	73
Zapata	27	99	Saint Albans	45	73
<i>Utah</i>			Saint Johnsbury	44	72
Beaver	38	113	Springfield	43	72
Bountiful	41	112	Woodstock	44	73
Brigham City	42	112			

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
<i>Virginia</i>					
Abingdon	37	82	Hopewell	37	77
Accomac	38	76	Independence	37	81
Alexandria	39	77	Isle of Wight	37	77
Amelia Court House	37	78	Jonesville	37	83
Amherst	38	79	King and Queen Court House	38	77
Appomattox	37	79	King George	38	77
Arlington	39	77	King William	38	77
Bedford	37	80	Lancaster	38	76
Berryville	39	78	Lawrenceville	37	78
Bland	37	81	Lebanon	37	82
Bowling Green	38	77	Leesburg	39	78
Boydton	37	78	Lexington	38	79
Bristol	37	82	Louisa	38	78
Buckingham	38	79	Lovingston	38	79
Charles City	37	77	Lunenburg	37	78
Charlotte Court House	37	79	Luray	39	78
Charlottesville	38	78	Lynchburg	37	79
Chatham	37	79	Madison	38	78
Chesterfield	37	78	Manassas	39	77
Christiansburg	37	80	Marion	37	82
Clintwood	37	82	Martinsville	37	80
Courtland	37	77	Mathews	37	76
Covington	38	80	Monterey	38	80
Culpeper	38	78	Montross	38	77
Cumberland	37	78	New Castle	38	80
Danville	37	79	New Kent	38	77
Dinwiddie	37	78	Newport News	37	76
Eastville	37	76	Norfolk	37	76
Emporia	37	78	Nottoway	37	78
Fairfax	39	77	Orange	38	78
Farmville	37	78	Palmyra	38	78
Fincastle	37	80	Pearisburg	37	81
Floyd	37	80	Petersburg	37	77
Fredericksburg	38	77	Portsmouth	37	76
Front Royal	39	78	Powhatan	38	78
Gate City	37	83	Prince George	37	77
Gloucester	37	77	Pulaski	37	81
Goochland	38	78	Radford	37	81
Grundy	37	82	Richmond	38	77
Halifax	37	79	Roanoke	37	80
Hampton	37	76	Rockymount	37	80
Hanover	38	77	Rustburg	37	79
Harrisonburg	38	79	Salem	37	80
Heathsville	38	76	Saluda	38	77
Hillsville	37	81	Spotsylvania	38	78
			Stafford	38	77

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Stanardsville	38	78	Olympia	47	123
Staunton	38	79	Pasco	46	119
Stuart	37	80	Pomeroy	46	118
Suffolk	37	77	Port Angeles	48	123
Surry	37	77	Port Orchard	48	123
Sussex	37	77	Port Townsend	48	123
Tappahannock	38	77	Prosser	46	120
Tazewell	37	82	Pullman	47	117
Vienna	39	77	Republic	49	119
Warm Springs	38	80	Richland	46	119
Warrenton	39	78	Ritzville	47	118
Warsaw	38	77	Seattle	48	122
Washington	39	78	Shelton	47	123
Waynesboro	38	79	South Bend	47	124
Williamsburg	37	77	Spokane	48	117
Winchester	39	78	Stevenson	46	122
Wise	37	83	Tacoma	47	122
Woodstock	39	79	Vancouver	46	123
Wytheville	37	81	Walla Walla	46	118
Yorktown	37	77	Waterville	48	120
			Wenatchee	47	120
<i>Washington</i>					
Aberdeen	47	124	Yakima	47	121
Asotin	46	117			
Auburn	47	122	<i>West Virginia</i>		
Bellingham	49	122	Beckley	38	81
Bremerton	48	123	Berkeley Springs	40	78
Cathlamet	46	123	Bluefield	37	81
Chehalis	47	123	Buckhannon	39	80
Colfax	47	117	Charleston	38	82
Colville	49	118	Charles Town	39	78
Coupeville	48	123	Clarksburg	39	80
Davenport	48	118	Clay	38	81
Dayton	46	118	Elizabeth	39	81
Edmonds	48	122	Elkins	39	80
Ellensburg	47	121	Fairmont	39	80
Ephrata	47	120	Fayetteville	38	81
Everett	48	122	Franklin	39	79
Friday Harbor	49	123	Glenville	39	81
Goldendale	46	121	Grafton	39	80
Kennewick	46	119	Grantsville	39	81
Kent	47	122	Hamlin	38	82
Kelso	46	123	Harrisville	39	81
Longview	46	123	Hinton	38	81
Montesano	47	124	Huntington	38	82
Mount Vernon	48	122	Keyser	39	79
Newport	48	117	Kingwood	39	80
Okanogan	48	120	Lewisburg	38	80
			Logan	38	82

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Madison	38	82	Crandon	46	89
Marlinton	38	80	Darlington	43	90
Martinsburg	39	78	Dodgeville	43	90
Middlebourne	39	81	Durand	45	92
Moorefield	39	79	Eagle River	46	89
Morgantown	40	80	Eau Claire	45	91
Moundsville	40	81	Elkhorn	43	89
New Cumberland	40	81	Ellsworth	45	92
New Martinsville	40	81	Florence	46	88
Parkersburg	39	82	Fond du Lac	44	88
Parsons	39	80	Friendship	44	90
Petersburg	39	79	Grantsburg	46	93
Philippi	39	80	Green Bay	45	88
Pineville	38	82	Green Lake	44	89
Point Pleasant	39	82	Hayward	46	91
Princeton	37	81	Hudson	45	93
Ripley	39	82	Hurley	46	90
Romney	39	79	Janesville	43	89
Saint Albans	38	82	Jefferson	43	89
Saint Marys	39	81	Juneau	43	89
Spencer	39	81	Kaukauna	44	88
Summersville	38	81	Kenosha	43	88
Sutton	39	81	Keshena	45	89
Union	38	81	Kewaunee	44	88
Wayne	38	82	La Crosse	44	91
Webster Springs	38	80	Ladysmith	45	91
Weirton	40	81	Lancaster	43	91
Welch	37	82	Madison	43	89
Wellsburg	40	81	Manitowoc	44	88
Weston	39	80	Marinette	45	88
West Union	39	81	Marshfield	45	90
Wheeling	40	81	Mauston	44	90
Williamson	38	82	Medford	45	90
Winfield	39	82	Menomonee Falls	43	88
<i>Wisconsin</i>			Menominie	45	92
Alma	44	92	Merrill	45	90
Antigo	45	89	Milwaukee	43	88
Appleton	44	88	Monroe	43	90
Ashland	47	91	Montello	44	89
Balsam Lake	45	92	Neenah	44	88
Baraboo	43	90	Neillsville	45	91
Barron	45	92	Oconto	45	88
Beaver Dam	43	89	Oshkosh	44	89
Beloit	43	89	Phillips	46	90
Black River Falls	44	91	Portage	44	89
Chilton	44	88	Port Washington	43	88
Chippewa Falls	45	91	Prairie du Chien	43	91

City	Lat. N.	Long. W.	City	Lat. N.	Long. W.
Racine	43	88	Buffalo	44	107
Rhineland	46	89	Casper	43	106
Richland Center	43	90	Cheyenne	41	105
Shawano	45	89	Cody	45	109
Sheboygan	44	88	Douglas	43	105
Shell Lake	46	92	Evanston	41	111
Sparta	44	91	Gillette	44	106
Stevens Point	45	90	Green River	42	109
Sturgeon Bay	45	87	Jackson	43	111
Superior	47	92	Kemmerer	42	111
Two Rivers	44	88	Lander	43	109
Viroqua	44	91	Laramie	41	106
Washburn	47	91	Lusk	43	104
Watertown	43	89	Newcastle	44	104
Waukesha	43	88	Pinedale	43	110
Waupaca	44	89	Rawlins	42	107
Wausau	45	90	Rock Springs	42	109
Wautoma	44	89	Sheridan	45	107
West Bend	43	88	Sundance	44	104
Whitehall	44	91	Thermopolis	44	108
Whitewater	43	89	Torrington	42	104
Wisconsin Rapids	44	90	Wheatland	42	105
<i>Wyoming</i>			Worland	44	108
Basin	44	108			

FOREIGN CITIES

Aachen, Ger.	51 N	6 E	Asmara, Africa	15 N	39 E
Aalborg, Denmark	57 N	10 E	Asnieres, France	40 N	2 E
Aalesund, Norway	62 N	6 E	Astrakhan, USSR	46 N	48 E
Aarhus, Denmark	56 N	10 E	Asuncion, Paraguay	25 S	57 W
Abbeville, France	50 N	2 E	Athens, Greece	38 N	24 E
Aberdeen, Scotland	57 N	2 W	Atlixco, Mexico	19 N	99 W
Acapulco, Mexico	17 N	100 W	Auckland, N.Z.	37 S	175 E
Adalia, Turkey	37 N	31 E	Augsburg, Ger.	48 N	11 E
Addis Ababa, Ethiopia	9 N	39 E	Autlan, Mexico	20 N	105 W
Adelaide, Australia	35 S	138 E	Aux Cayes, Haiti	18 N	74 W
Aden, Arabia	12 N	45 E	Avignon, France	44 N	5 E
Afiun Karahissar, Tur.	39 N	30 E	Ayr, Scotland	55 N	5 W
Agana, Guam	13 N	145 E	Bahia Blanca, Arg.	39 S	62 W
Agra, India	27 N	78 E	Badajoz, Spain	39 N	7 W
Aguascalientes, Mexico	22 N	102 W	Bagdad, Iraq	33 N	44 E
Ahmedabad, India	23 N	73 E	Bahia, Brazil	13 S	38 W
Airdrie, Scotland	56 N	4 W	Baku, U.S.S.R.	40 N	50 E
Ajmere, India	26 N	75 E	Ballarat, Australia	37 S	144 E
Akra, Africa	5 N	0	Bamako, Mali	13 N	8 W
Alicante, Spain	38 N	0	Bamberg, Ger.	50 N	11 E
Aldershot, Eng.	51 N	1 W	Bandong, Java	7 S	108 E
Aleppo, Syria	36 N	37 E	Bangalore, India	13 N	78 E
Alexandria, Egypt	31 N	30 E	Bangkok, Thailand	14 N	101 E
Algiers, Algeria	37 N	3 E	Barcelona, Spain	41 N	2 E
Allahabad, India	25 N	82 E	Bareilly, India	28 N	80 E
Alost, Belgium	51 N	4 E	Bari, Italy	41 N	17 E
Altenburg, Germany	51 N	12 E	Barnsley, England	54 N	1 W
Altona, Germany	54 N	10 E	Baroda, India	22 N	73 E
Amal, Sweden	59 N	13 E	Barquisimeto, Ven.	10 N	69 W
Amiens, France	50 N	2 E	Barranquilla, Colm.	11 N	75 W
Amoy, China	24 N	118 E	Barrow-in-Furn., Eng.	54 N	3 W
Amritsar, India	32 N	75 E	Basel, Switzerland	47 N	7 E
Amsterdam, Holland	52 N	5 E	Bastia, Corsica	43 N	9 E
Ancona, Italy	44 N	14 E	Batavia, Java	6 S	107 E
Angers, France	47 N	1 W	Bath, England	51 N	2 W
Angouleme, France	46 N	0	Bathurst, Africa	14 N	17 W
Ankara, Turkey	40 N	33 E	Batley, England	54 N	2 W
Anking, China	31 N	117 E	Battersea, England	50 N	0
Antofagasta, Chile	24 S	70 W	Bautzen, Germany	51 N	14 E
Antung, China	40 N	124 E	Bayonne, France	43 N	1 W
Antwerp, Belgium	51 N	4 E	Bayreuth, Germany	50 N	12 E
Apeldoorn, Holland	52 N	6 E	Bedford, England	52 N	0
Apia, W. Samoa	14 S	172 E	Belfast, Ireland	55 N	6 W
Archangel, U. S. S. R.	65 N	41 E	Belfort, France	48 N	7 E
Arendal, Norway	58 N	9 E	Belgrade, Yugoslavia	45 N	21 E
Arequipa, Peru	17 S	72 W	Belize, Brit. Honduras	17 N	88 W
Arles, France	44 N	5 E	Bello Horizonte, Brazil	20 S	44 W
Armentieres, France	51 N	3 E	Benares, India	25 N	83 E
Arnhem, Holland	52 N	6 E	Bendigo, Australia	37 S	144 E
Arras, France	50 N	3 E	Benghazi, Libya	32 N	20 E
Arvika, Sweden	60 N	13 E	Berbera, N. E. Africa	10 N	45 E
Aschersleben, Ger.	52 N	11 E	Berchem, Belgium	51 N	4 E

FOREIGN CITIES

Bergamo, Italy	46 N	10 E	Brighton, England	51 N	0
Bergen, Norway	60 N	5 E	Brindisi, Italy	41 N	18 E
Bergerac, France	45 N	1 E	Brisbane, Australia	27 S	153 E
Berlin, Germany	52 N	13 E	Bristol, England	51 N	3 W
Bermondsey, England	50 N	0	Brno, Czech.	49 N	17 E
Bern, Switzerland	47 N	7 E	Broken Hill, N.S.W.	32 S	141 E
Bernburg, Germany	52 N	12 E	Brugge, Belgium	51 N	3 E
Besancon, France	47 N	6 E	Brunei, Borneo	5 N	115 E
Bethlehem, Palestine	32 N	35 E	Brunswick, Germany	52 N	11 E
Bethnal Green, Eng.	52 N	0	Brussels, Belgium	51 N	4 E
Beuthen, Germany	50 N	19 E	Bucuresti, Rumania	44 N	26 E
Beveren, Belgium	51 N	4 E	Budapest, Hungary	48 N	19 E
Bevrouth, Syria	34 N	36 E	Buenos Aires, Arg.	35 S	58 W
Beziers, France	43 N	3 E	Burgos, Spain	42 N	4 W
Bielefeld, Germany	52 N	8 E	Burslem, England	53 N	2 W
Bienne, Switzerland	47 N	7 E	Burton-Trent, Eng.	53 N	2 W
Bilbao, Spain	43 N	3 W	Burtrask, Sweden	65 N	21 E
Birkenhead, England	53 N	3 W	Bury, England	54 N	2 W
Birmingham, England	52 N	2 W	Cadiz, Spain	37 N	6 W
Blackburn, England	54 N	2 W	Caen, France	49 N	0
Blackpool, England	54 N	3 W	Cagliari, Sardinia	39 N	9 E
Bloemfontein, S. Africa	29 S	26 E	Cairo, Egypt	30 N	31 E
Blumenau, Brazil	27 S	49 W	Calais, France	51 N	2 E
Bochum, Germany	52 N	7 E	Calarasi, Rumania	44 N	27 E
Bogota, Colombia	5 N	74 W	Calcutta, India	23 N	88 E
Bolama, Port Guinea	12 N	16 W	Calgary, Alta. Can.	51 N	114 W
Bologna, Italy	44 N	11 E	Cali, Colombia	3 N	76 W
Bolton, England	54 N	2 W	Callao, Peru	12 S	77 W
Bombay, India	19 N	73 E	Caltagirone, Sicily	37 N	14 E
Bone, Algeria	37 N	8 E	Caltanissetta, Sicily	37 N	14 E
Bonn, Germany	51 N	7 E	Camaguey, Cuba	21 N	78 W
Boras, Sweden	58 N	13 E	Camberwell, England	50 N	0
Bordeaux, France	45 N	1 W	Cambrai, France	50 N	3 E
Borgerhout, Belgium	51 N	4 E	Cambridge, England	52 N	0
Bothwell, Scotland	56 N	4 W	Campinas, Brazil	24 S	47 W
Boulogne-sur-Mer, Fr.	51 N	2 E	Canberra, Australia	35 S	150 E
Bourges, France	47 N	2 E	Cannes, France	44 N	7 E
Bournemouth, England	51 N	2 W	Canton, China	23 N	113 E
Bradford, England	54 N	2 W	Capetown, S. Africa	34 S	19 E
Braga, Portugal	42 N	8 W	Cap Haitien, Haiti	20 N	72 W
Brandenburg, Germany	52 N	13 E	Caracas, Venezuela	11 N	67 W
Brandon, Man. Can.	50 N	100 W	Carcaissonne, France	43 N	2 E
Brantford, Ont. Can.	43 N	80 W	Cardenas, Cuba	23 N	81 W
Brasov, Rumania	46 N	26 E	Cardiff, Wales	52 N	3 W
Bratislava, Czech.	48 N	17 E	Carlisle, England	55 N	3 W
Brazzaville, Congo	4 S	15 E	Carloforte, Sardinia	39 N	8 E
Breda, Holland	52 N	5 E	Carrara, Italy	44 N	10 E
Bremen, Germany	53 N	9 E	Cartagena, Spain	38 N	1 W
Brescia, Italy	46 N	10 E	Casablanca, Morocco	34 N	8 W
Breslau, Poland	51 N	17 E	Castres, France	44 N	2 E
Brest, France	48 N	3 W	Catania, Sicily	37 N	15 E
Bridgetown, Barbados	13 N	60 W	Cawnpore, India	26 N	80 E

FOREIGN CITIES

Cayenne, Fr. Guiana	5 N	52 W	Coventry, England	52 N	2 W
Ceara, Brazil	4 S	38 W	Craiova, Rumania	44 N	24 E
Cernauti, Rumania	48 N	26 E	Crema, Italy	45 N	10 E
Cette (Sete), France	43 N	4 E	Cremona, Italy	45 N	10 E
Ceuta, Sp. Morocco	36 N	6 W	Crewes, England	53 N	2 W
Chalons-sur-Marne, Fr.	49 N	4 E	Croydon, England	51 N	0
Chalons-sur-Saone, Fr.	47 N	5 E	Cumberland, Australia	19 S	143 E
Changan, China	34 N	109 E	Cuneo, Italy	44 N	8 E
Changchow, China	25 N	118 E	Curitiba, Brazil	25 S	49 W
Changsha, China	27 N	113 E	Cuzco, Peru	13 S	72 W
Changteh, China	29 N	111 E	Czestochowa, Poland	51 N	19 E
Charleroi, Belgium	50 N	4 E	Dacca, India	24 N	90 E
Charlotte Amalie, V. I.	18 N	65 W	Dairen, China	39 N	122 E
Charlottenburg, Ger.	52 N	13 E	Dakar, F. W. Africa	15 N	18 W
Charlottetown, P. E. I.	46 N	63 W	Damascus, Syria	34 N	36 E
Chartres, France	48 N	1 E	Damietta, Egypt	31 N	32 E
Chateauroux, France	47 N	2 E	Danzig, Poland	54 N	19 E
Chatham, England	51 N	0	Dar-es-Salaam, Africa	7 S	39 E
Chefoo, China	37 N	122 E	Darlington, England	55 N	2 W
Cheliabinsk, U.S.S.R.	55 N	61 E	Darmstadt, Germany	50 N	9 E
Cheltenham, England	51 N	2 W	Darwin, Australia	12 S	131 E
Chemnitz, Germany	51 N	13 E	Debrecen, Hungary	47 N	22 E
Chengtu, China	31 N	104 E	Degerfors, Sweden	59 N	15 E
Cherbourg, France	50 N	2 W	Dehra, India	30 N	78 E
Chester, England	53 N	3 W	Delft, Holland	52 N	4 E
Chihuahua, Mexico	29 N	106 W	Delhi, India	29 N	77 E
Chisinau, Rumania	47 N	29 E	Delli, Timor, E. E. I.	9 S	126 E
Christiansand, Norway	58 N	8 E	Deptford, England	50 N	0
Christianstad, Sweden	56 N	14 E	Derby, England	53 N	1 W
Christiansund, Norway	63 N	8 E	Dessau, Germany	52 N	12 E
Chungking, China	31 N	104 E	Deurne, Belgium	51 N	4 E
Cienfuegos, Cuba	22 N	80 W	Deventer, Holland	52 N	6 E
Clermont, France	46 N	3 E	Devonport, England	50 N	4 W
Clichy-la-Garenne, Fr.	49 N	2 E	Dijon, France	47 N	5 E
Coatbridge, Scotland	56 N	4 W	Dire Dawa, Ethiopia	10 N	41 E
Cochabamba, Bolivia	18 S	67 W	Dnepropetrovsk, USSR	48 N	35 E
Coimbra, Portugal	40 N	8 W	Dordrecht, Holland	52 N	5 E
Colchester, England	52 N	1 E	Dortmund, Germany	52 N	5 E
Cologne, Germany	51 N	7 E	Douai, France	50 N	3 E
Colmar, France	48 N	7 E	Douglas, Isle of Man,	54 N	4 W
Colombo, Ceylon	7 N	80 E	Dover, England	51 N	1 E
Colon, Panama	9 N	80 W	Dragfjord, Finland	60 N	22 E
Como, Italy	46 N	9 E	Drammen, Norway	60 N	10 E
Concepcion, Chile	37 S	72 W	Drancy, France	49 N	3 E
Concordia, Argentine	31 S	58 W	Dresden, Germany	51 N	14 E
Constantine, Algeria	36 N	6 E	Dublin, Ireland	53 N	6 W
Copenhagen, Denmark	56 N	13 E	Dudley, England	53 N	2 W
Cordoba, Argentine	31 S	64 W	Duisburg, Germany	51 N	7 E
Cordoba, Spain	38 N	5 W	Dumbarton, Scotland	56 N	5 W
Cork, Ireland	52 N	8 W	Dundee, Scotland	56 N	3 W
Courbevoie, France	49 N	2 E	Dunedin, New Zealand	46 S	170 E

FOREIGN CITIES

Dunfermline, Scotland	56 N	3 W	Fukuoka, Japan	34 N	131 E
Dunkirk, France	51 N	2 E	Fulham, England	50 N	0
Durango, Mexico	24 N	105 W	Funchal, Maderia	33 N	17 W
Durban, S. Africa	30 S	31 E	Furth, Germany	49 N	11 E
Duren, Germany	51 N	6 E	Galati, Rumania	45 N	28 E
Dusseldorf, Germany	51 N	7 E	Gateshead, England	55 N	2 W
Ealing, England	50 N	0	Geelong, Australia	38 S	144 E
Eastbourne, England	51 N	0	Gefle, Sweden	61 N	17 E
East Ham, England	50 N	0	Gelsenkirchen, Ger.	52 N	7 E
East London, S. Africa	33 S	28 E	Geneva, Switzerland	46 N	6 E
Edinburg, Scotland	56 N	3 W	Genoa, Italy	44 N	9 E
Edirne, Turkey	41 N	27 E	Georgetown, Br. Guiana	7 N	58 W
Edmonton, Alta. Can.	54 N	114 W	Georgetown, Malay Sts.	5 N	100 E
Ehrenfeld, Germany	51 N	7 E	Gera, Germany	51 N	12 E
Eidsvold, Norway	60 N	11 E	Germiston, Transvaal	26 S	28 E
Eisenach, Germany	51 N	10 E	Ghent, Belgium	51 N	4 E
Elbing, Germany	54 N	19 E	Gibraltar, Spain	36 N	5 W
Elblag, Poland	54 N	19 E	Giessen, Germany	51 N	9 E
Elsinore, Denmark	56 N	12 E	Gladbach-Rheydt, Ger.	51 N	6 E
Elvas, Portugal	39 N	7 W	Glasgow, Scotland	56 N	4 W
Elvrum, Norway	61 N	12 E	Glauchau, Germany	51 N	13 E
Enfield, England	52 N	0	Glemminge, Norway	67 N	11 E
Eno, Finland	63 N	30 E	Gliwice, Poland	50 N	19 E
Enschede, Holland	52 N	7 E	Gloucester, England	52 N	2 W
Epinal, France	48 N	6 E	Gomel, U. S. S. R.	53 N	31 E
Erfurt, Germany	51 N	11 E	Gorki, U. S. S. R.	56 N	44 E
Eskilstuna, Sweden	59 N	16 E	Gorizia, Italy	46 N	14 E
Essen, Germany	52 N	7 E	Gorlitz, Germany	51 N	15 E
Esslingem, Germany	49 N	9 E	Gotha, Germany	51 N	11 E
Exeter, England	51 N	4 W	Goteburg, Sweden	58 N	12 E
Falkirk, Scotland	56 N	4 W	Gottingen, Germany	52 N	10 E
Falun, Sweden	61 N	16 E	Gouda, Holland	52 N	5 E
Fano, Italy	44 N	13 E	Goulburn, Australia	35 S	150 E
Faro, Portugal	37 N	8 W	Govan, Scotland	56 N	4 W
Fez, Morocco	34 N	6 W	Graaf-Reinet, S. Africa	32 S	25 E
Fiume, Yugoslavia	45 N	14 E	Grahamstown, S. Afr.	33 S	27 E
Fleetwood, England	54 N	3 W	Granada, Spain	37 N	4 W
Flensburg, Germany	55 N	9 E	Graz, Austria	47 N	16 E
Flers, France	49 N	1 W	Greenock, Scotland	56 N	5 W
Florence, Italy	44 N	11 E	Greenwich, England	51 N	0
Folkestone, England	51 N	1 E	Grenoble, France	45 N	6 E
Foochow, China	26 N	119 E	Grimsby, England	54 N	0
Forssa, Finland	61 N	24 E	Grodno, Poland	54 N	24 E
Fort-de-France, Martinique	15 N	61 W	Groningen, Holland	53 N	7
Frankfort, Germany	50 N	9 E	Groot Fontein, S. Afr.	20 S	18 E
Fredericia, Denmark	56 N	10 E	Grozny, U. S. S. R.	43 N	45 E
Fredrikstad, Norway	59 N	11 E	Grue, Norway	61 N	12 E
Freetown, Africa	9 N	14 W	Guadalajara, Mexico	21 N	103 W
Freiburg, Germany	51 N	13 E	Guanajuato, Mexico	21 N	101 W
Freiburg, Switzerland	47 N	7 E	Guatemala, Guatemala	15 N	90 W
Fremantle, Australia	32 S	131 E	Guayaquil, Ecuador	2 S	80 W

FOREIGN CITIES

Guben, Germany	52 N	15 E	Homs, Syria	35 N	37 E
Guelph, Ont. Can.	44 N	80 W	Hongkong, China	22 N	114 E
Gympie, Australia	26 S	153 E	Honolulu, Hawaii	21 N	158 W
Gyor, Hungary	47 N	18 E	Horten, Norway	59 N	10 E
Haarlem, Holland	52 N	5 E	Hove, England	51 N	0
Hackney, England	50 N	0	Howrah, India	23 N	88 E
Haderslev, Denmark	55 N	9 E	Hsinking, China	44 N	125 E
Hagen, Germany	51 N	7 E	Huckow, China	31 N	120 E
Haifa, Palestine	33 N	35 E	Huddersfield, England	54 N	2 W
Haiphong, N. Vietnam	21 N	107 E	Hue, S. Vietnam	17 N	107 E
Hakodate, Japan	42 N	141 E	Hull, Que. Can.	45 N	76 W
Halberstadt, Germany	52 N	11 E	Hull, England	54 N	2 W
Halden, Norway	59 N	12 E	Hyde, England	53 N	2 W
Halifax, England	54 N	2 W	Hyderabad, India	25 N	67 E
Halifax, Nova Scotia	45 N	64 W	Hvvinkaa, Finland	61 N	25 E
Halle, Germany	51 N	12 E	Iasi, Rumania	47 N	28 E
Halmstad, Sweden	57 N	13 E	Ibadan, Nigeria	8 N	4 E
Hamah, Syria	35 N	37 E	Ichang, China	31 N	111 E
Hamamatsu, Japan	35 N	138 E	Ilford, England	51 N	1 E
Hamar, Norway	61 N	11 E	Ilheus, Brazil	15 S	39 W
Hamburg, Germany	54 N	10 E	Indore, India	23 N	76 E
Hamilton, Bermuda	32 N	65 W	Innsbruck, Austria	47 N	11 E
Hamilton, Ont. Can.	43 N	80 W	Insterburg, USSR	55 N	22 E
Hamilton, Scotland	56 N	4 W	Inverness, Scotland	57 N	4 W
Hamm, Germany	52 N	8 E	Ipswich, Australia	28 S	153 E
Hammersmith, Eng.	51 N	0	Ipswich, England	52 N	1 E
Hanau, Germany	50 N	9 E	Iquique, Chile	20 N	70 W
Hangchow, China	30 N	120 E	Irkutsk, USSR	52 N	102 E
Hankow, China	31 N	114 E	Islington, England	51 N	0
Hanoi, French I. C.	21 N	106 E	Ispahan, Iran	33 N	52 E
Hanover, Germany	52 N	10 E	Istanbul, Turkey	41 N	29 E
Hanyang, China	30 N	114 E	Ivanovo, USSR	57 N	41 E
Harar, Ethiopia	42 N	9 E	Ivry, France	49 N	3 E
Harbin, China	46 N	127 E	Izmir, Turkey	38 N	27 E
Harburg, Germany	53 N	10 E	Jabalpur, India	23 N	80 E
Haugesund, Norway	60 N	10 E	Jaffa, Palestine	32 N	35 E
Havana, Cuba	23 N	82 W	Jaipur, India	27 N	76 E
Heidelberg, Germany	49 N	9 E	Jarrow, England	55 N	1 W
Heilbronn, Germany	49 N	9 E	Jerez, Spain	37 N	6 W
Helder, Holland	53 N	5 E	Jerusalem, Palestine	32 N	35 E
Helsingborg, Sweden	56 N	13 E	Johannesburg, S. Afr.	26 S	28 E
Helsinki, Finland	60 N	25 E	Jogjakarta, Indonesia	8 S	110 E
Hendon, England	50 N	0	Jonkoping, Sweden	58 N	14 E
Herisau, Switzerland	47 N	9 E	Juiz de Fors, Brazil	22 S	43 W
Hernosand, Sweden	42 N	18 E	Julianehaan, Greenland	60 N	45 W
Hildesheim, Germany	52 N	10 E	Jullundur, India	31 N	76 E
Hilo, Hawaii	20 N	156 W	Kagoshima, Japan	31 N	131 E
Hilversum, Holland	52 N	5 E	Kaiserslautern, Ger.	49 N	8 E
Hindenburg, Poland	50 N	19 E	Kalinin, U.S.S.R.	57 N	36 E
Hiroshima, Japan	34 N	132 E	Kampen, Holland	53 N	6 E
Hobart, Tasmania	43 S	147 E	Kanezawa, Japan	37 N	137 E
Holguin, Cuba	21 N	76 W	Kano, Nigeria	12 N	67 E

FOREIGN CITIES

Karachi, Pakistan	25 N	67 E	Lanchow, China	36 N	104 E
Karlskrona, Sweden	56 N	16 E	Landsberg, Germany	53 N	15 E
Karlsruhe, Germany	49 N	8 E	Landskrona, Sweden	56 N	13 E
Karlstad, Sweden	59 N	13 E	La Paz, Bolivia	17 S	67 W
Kassel, Germany	51 N	9 E	La Piedad, Mexico	20 N	102 W
Katowice, Poland	50 N	19 E	La Plata, Argentine	34 S	58 W
Kaunas, Lithuania	55 N	24 E	Larisa, Greece	40 N	22 E
Kazan, U.S.S.R.	56 N	49 E	La Rochelle, France	47 N	1 W
Keighley, England	54 N	2 W	La Spezia, Italy	44 N	10 E
Keijo, Korea	37 N	127 E	Launceston, Tasmania	41 N	147 E
Kensington, England	51 N	0	Larvik, Norway	59 N	10 E
Kerkyra, Greece	39 N	20 E	Lausanne, Switzerland	47 N	7 E
Khabarovck, USSR	49 N	135 E	Laval, France	48 N	1 W
Kharhov, U.S.S.R.	50 N	36 E	Leeds, England	54 N	2 W
Khartum, Sudan	16 N	33 E	Leeuwarden, Holland	53 N	6 E
Kiang May, Thailand	19 N	99 E	Leghorn, Italy	44 N	10 E
Kiel, Germany	54 N	10 E	Le Havre, France	49 N	0
Kiev, USSR	50 N	30 E	Leicester, England	53 N	1 W
Kimberley, S. Africa	29 S	25 E	Leiden, Holland	52 N	4 E
Kingston, Ont. Can.	44 N	76 W	Leigh, England	54 N	3 W
Kingston-upon-Hull, England	54 N	0	Leipzig, Germany	51 N	12 E
Kingston, Jamaica	18 N	78 W	Leith, Scotland	56 N	3 W
Kingstown, St. Vincent	13 N	61 W	Le Mans, France	48 N	0
Kingteh-chen, China	29 N	117 E	Leningrad, U.S.S.R.	60 N	30 E
Kirin, China	44 N	126 E	Lenvik, Norway	69 N	18 E
Kirkcaldy, Scotland	56 N	3 W	Leon, Mexico	21 N	102 W
Kobe, Japan	35 N	135 E	Leopoldville, Africa	4 S	15 E
Kolomyya, U.S.S.R.	48 N	25 E	Lewisham, England	51 N	1 E
Konakry, Fr. G. Africa	10 N	14 W	Leyton, England	52 N	0
Konigsberg, U.S.S.R.	55 N	21 E	Lhasa, Tibet	30 N	92 E
Kotka, Finland	61 N	27 E	Liaoyang, Manchukuo	41 N	123 E
Kottbus, Germany	52 N	14 E	Liege, Belgium	51 N	6 E
Kotzebue, Alaska	52 N	14 E	Liegnitz, Poland	51 N	16 E
Koweit, Arabia	29 N	48 E	Lierre, Belgium	51 N	5 E
Krakow, Poland	50 N	20 E	Lille, France	51 N	3 E
Krasnodar, U.S.S.R.	45 N	39 E	Lillehammer, Norway	61 N	10 E
Krefeld, Germany	51 N	7 E	Lima, Peru	53 N	9 W
Kristinehamn, Sweden	59 N	14 E	Limoges, France	46 N	1 E
Kuala Lumpur, Malay	3 N	102 E	Lincoln, England	53 N	1 W
Kuching, E. I. I.	1 N	111 E	Linden, Germany	52 N	10 E
Kumamoto, Japan	33 N	131 E	Linkoping, Sweden	58 N	16 E
Kuopio, Finland	63 N	28 E	Linz, Austria	48 N	14 E
Kure, Japan	34 N	133 E	Lisbon, Portugal	39 N	9 W
Kweiyank, China	26 N	106 E	Liverpool, England	53 N	3 W
Kyoto, Japan	35 N	136 E	Lodz, Poland	52 N	19 E
La Coruna, Spain	43 N	8 W	Lokeren, Belgium	51 N	4 E
Lagos, Mexico	21 N	102 W	London, Ont. Can.	43 N	81 W
Lagos, Nigeria	6 N	3 E	London, England	52 N	0
Lahti, Finland	61 N	26 E	Londonderry, Ireland	55 N	7 W
Lahore, Pakistan	32 N	74 E	Longton, England	53 N	2 W
La Louviere, Belgium	50 N	4 E	Lorca, Spain	38 N	2 W
			Lorient, France	48 N	3 W

FOREIGN CITIES

Lourenco-Marques, Mozambique	26 S	33 E	Medellin, Colombia	6 N	76 W
Louvain, Belgium	51 N	5 E	Meerane, Germany	51 N	12 E
Lubeck, W. Germany	54 N	11 E	Meerut, India	29 N	78 E
Lublin, Poland	51 N	23 E	Meissen, Germany	51 N	13 E
Lucca, Italy	44 N	11 E	Melbourne, Australia	38 S	145 E
Lucerne, Switzerland	47 N	8 E	Mendoza, Argentine	33 S	69 W
Lucknow, India	27 N	81 E	Mengtzu, China	23 N	104 E
Ludwigshafen, Ger.	49 N	8 E	Mercedes, Uruguay	33 S	58 W
Lulea, Sweden	66 N	22 E	Merida, Mexico	21 N	90 W
Lund, Sweden	56 N	13 E	Merthyr-Tydfil, Wales	52 N	3 W
Lusaka, Zambia	15 S	28 E	Messina, Sicily	38 N	15 E
Luton, England	52 N	0	Metz, France	49 N	6 E
Luxemburg, Luxemburg	50 N	6 E	Mexico City, Mexico	19 N	99 W
Lwow, Poland	50 N	24 E	Middlesborough, Eng.	55 N	1 W
Lyon, France	46 N	5 E	Milan, Italy	45 N	9 E
Maastricht, Holland	51 N	6 E	Minsk, U.S.S.R.	54 N	27 E
Macao, China	22 N	113 E	Mogadishu, Somali	2 N	46 E
Macassar, Celebes	5 S	119 E	Moji, Japan	43 N	131 E
Macclesfield, England	53 N	2 W	Monaco	44 N	7 E
Maceio, Brazil	10 S	36 W	Monrovia, Liberia	6 N	11 W
Madang, New Guinea	5 S	146 E	Mons, Belgium	50 N	4 E
Madras, India	13 N	80 E	Montauban, France	44 N	1 E
Madrid, Spain	40 N	4 W	Montceau-les-Mines, France	47 N	4 E
Madura, India	10 N	78 E	Monterrey, Mexico	25 N	100 W
Mafeking, Africa	26 S	26 E	Montevideo, Uruguay	35 S	56 W
Magdeburg, Germany	52 N	12 E	Montlucon, France	46 N	3 E
Magnitogorsk, U.S.S.R.	53 N	59 E	Montpellier, France	44 N	4 E
Maidstone, England	51 N	1 E	Montreal, Que. Can.	46 N	74 W
Mainz, Germany	50 N	8 E	Mora, Sweden	61 N	15 E
Maitland, Australia	33 S	152 E	Morocco, Morocco	32 N	8 W
Malaga, Spain	37 N	4 W	Moscow, U.S.S.R.	56 N	38 E
Malmö, Sweden	56 N	13 E	Mosjoen, Norway	66 N	13 E
Managua, Nicaragua	12 N	86 W	Mokenes, Norway	68 N	13 E
Manchester, England	53 N	2 W	Motherwell, Scotland	56 N	4 W
Mandalay, Burma	22 N	96 E	Muhlhausen, Germany	51 N	10 E
Manila, P. Islands	15 N	121 E	Mukden, China	42 N	123 E
Mannheim, Germany	49 N	9 E	Mulheim, Germany	51 N	7 E
Mantua, Italy	45 N	11 E	Mulhouse, France	48 N	7 E
Maracaibo, Venezuela	11 N	72 W	Multan, Pakistan	30 N	72 E
Marburg, Germany	51 N	9 E	Munich, Germany	48 N	12 E
Mariupol, U.S.S.R.	47 N	37 E	Munster, Germany	52 N	8 E
Marsala, Sicily	38 N	13 E	Muradabad, India	29 N	79 E
Marseilles, France	43 N	5 E	Murcia, Spain	38 N	1 W
Maseru, Africa	29 S	27 E	Nagasaki, Japan	33 N	130 E
Masqat, Arabia	24 N	59 E	Nagoya, Japan	35 N	137 E
Maturin, Venezuela	10 N	63 W	Nagpur, India	21 N	79 E
Mazatlan, Mexico	23 N	107 W	Nairobi, Africa	1 S	37 E
Mbabane, S. Africa	27 S	31 E	Namur, Belgium	50 N	5 E
Mecca, Arabia	21 N	40 E	Nan-chang, China	28 N	116 E
Mechelen, Belgium	51 N	4 E	Nancy, France	49 N	6 E

FOREIGN CITIES

Nanking, China	32 N	119 E	Osnabruck, Germany	52 N	8 E
Nantes, France	47 N	2 W	Ostend, Belgium	51 N	3 E
Naples, Italy	41 N	14 E	Ostersund, Sweden	63 N	15 E
Narbonne, France	43 N	3 E	Ostrova, Czech.	50 N	13 E
Nassau, Bahama Isl.	25 N	77 W	Otaru, Japan	43 N	141 E
Nederpalix, Sweden	66 N	23 E	Ottawa, Ont. Canada	45 N	76 E
Nelson, England	54 N	2 W	Oulu, Finland	65 N	26 E
Neuchatel, Switzerland	47 N	7 E	Oviedo, Spain	42 N	6 W
Neuilly-sur-Seine, Fr.	49 N	2 E	Oxford, England	52 N	1 W
Neumunster, Germany	54 N	10 E	Paarl, S. Africa	34 S	19 E
Neusatz, Yugoslavia	45 N	20 E	Pachuca, Mexico	20 N	99 W
Neuss, Germany	51 N	7 E	Paddington, England	52 N	0
Nevers, France	47 N	3 E	Padua, Italy	45 N	12 E
Newcastle, N. S. Wales	33 S	152 E	Paisley, Scotland	56 N	4 W
Newcastle-on-Tyne, England			Palembang, Sumatra	3 S	105 E
	55 N	2 W	Palermo, Sicily	38 N	13 E
Newchwang, China	41 N	123 E	Palma, Spain	40 N	3 E
Niagara Falls, Ont., Canada			Pamplona, Spain	43 N	2 W
	43 N	79 W	Panama, Panama	9 N	80 W
Nice, France	44 N	7 E	Para, Brazil	2 S	48 W
Nicosia, Cyprus	35 N	33 E	Paramaribo, D. Guiana	6 N	55 W
Niigata, Japan	38 N	139 E	Paris, France	49 N	2 E
Niteroi, Brazil	23 S	43 W	Parral, Mexico	27 N	106 W
Nijmegen, Holland	52 N	6 E	Parramatta, Australia	34 S	151 E
Nikolaief, U.S.S.R.	47 N	32 E	Patna, India	26 N	85 E
Nimes, France	44 N	4 E	Pau, France	43 N	0
Ningpo, China	30 N	121 E	Peking, China	40 N	116 E
Nogales, Mexico	32 N	111 W	Penza, U.S.S.R.	53 N	45 E
Nio, Yugoslavia	43 N	22 E	Perigueux, France	45 N	1 E
Norrköping, Sweden	59 N	16 E	Perm, U.S.S.R.	58 N	56 E
Northampton, Eng.	52 N	1 W	Pernambuco, Brazil	8 S	35 W
Norwich, England	53 N	1 E	Perpignan, France	43 N	3 E
Nottingham, England	53 N	1 W	Perth, Australia	32 S	116 E
Noumea, N. Caledonia	22 S	166 E	Perth, Scotland	56 N	3 W
Nuremberg, Germany	49 N	11 E	Peshawar, Pakistan	34 N	72 E
Oberhausen, Germany	52 N	7 E	Peterborough, Ont., Can.	44 N	78 W
Odense, Denmark	55 N	10 E	Peterborough, England	53 N	0
Odessa, U.S.S.R.	47 N	31 E	Petropavlovsk, USSR	55 N	69 E
Offenbach, Germany	50 N	9 E	Pforzheim, Germany	49 N	9 E
Okayama, Japan	35 N	134 E	Petermaritzburg, S. Africa		
Oldenburg, Germany	53 N	8 E		30 S	30 E
Oldham, England	55 N	2 W	Pilsen, Czech.	50 N	13 E
Omdurman, Africa	16 N	33 E	Piraeus, Greece	38 N	23 E
Omsk, U.S.S.R.	55 N	74 E	Pirmasens, Germany	49 N	8 E
Oporto, Portugal	41 N	9 W	Pisa, Italy	44 N	10 E
Oran, Algeria	36 N	1 W	Plauen, Germany	50 N	12 E
Orebro, Sweden	59 N	15 E	Plovdiv, Bulgaria	42 N	24 E
Orenburg, U.S.S.R.	52 N	55 E	Plymouth, England	50 N	4 W
Orizaba, Mexico	19 N	97 W	Poitiers, France	47 N	0
Orleans, France	48 N	2 E	Pola, Yugoslavia	45 N	14 E
Osaka, Japan	35 N	136 E	Ponce, Puerto Rico	18 N	67 W
Oslo, Norway	60 N	11 E	Pontefract, England	54 N	1 W

FOREIGN CITIES

Poona, India	18 N	74 E	Rouen, France	49 N	1 E
Pori, Finland	62 N	22 E	Roeselare, Belgium	51 N	3 E
Portalegre, Portugal	39 N	7 W	Ryojun, China	39 N	121 E
Port Arthur, Ont. Can.	48 N	89 W	Saarbrucken, Germany	49 N	7 E
Port Au Prince, Haiti	19 N	72 W	Saigon, S. Vietnam	11 N	107 E
Port Elizabeth, S. Africa	34 S	26 E	Sakai, Japan	35 N	36 E
Port Louis, Mauritius	20 S	57 E	Salford, England	53 N	2 W
Port of Spain, Trin.	11 N	61 W	Salisbury, Africa	18 S	31 E
Port Said, Egypt	31 N	32 E	Saltillo, Mexico	25 N	101 W
Porto Alegre, Brazil	30 S	51 W	Salzburg, Austria	48 N	13 E
Porto Novo, Africa	7 N	3 E	Samarkand, U.S.S.R.	40 N	67 E
Portsmouth, England	51 N	1 W	Sanaa, Yemen	15 N	45 E
Possneck, Germany	51 N	12 E	Sandakan, Borneo	6 N	118 E
Potsdam, Germany	52 N	13 E	San Jose, Costa Rica	10 N	84 W
Poznan, Poland	52 N	17 E	San Luis, Argentine	33 S	66 W
Prague, Czech.	50 N	14 E	San Juan, Puerto Rico	18 N	66 W
Preston, England	54 N	3 W	San Luis Potosi, Mex.	22 N	101 W
Pretoria, S. Africa	26 S	28 E	San Marino, Italy	44 N	12 E
Puebla, Mexico	19 N	98 W	San Salvador, C. A.	14 N	89 W
Quebec, Que. Can.	47 N	71 W	Sante Fe, Argentine	32 S	61 W
Queenstown, S. Africa	32 S	27 E	Santiago, Cuba	20 N	76 W
Quito, Ecuador	0	78 W	Santiago, Chile	33 S	71 W
Rabat, Morocco	34 N	7 W	Santos, Brazil	24 S	46 W
Rabaul, N. Guinea	4 S	152 E	Sao Paulo, Brazil	24 S	47 W
Randers, Denmark	56 N	10 E	Sapporo, Japan	43 N	141 E
Rangoon, Burma	17 N	96 E	Saragossa, Spain	42 N	1 W
Rauma, Finland	61 N	21 E	Saratov, U.S.S.R.	52 N	46 E
Reading, England	51 N	1 W	Sarpsborg, Norway	59 N	11 E
Regensburg, Germany	49 N	12 E	Sasebo, Japan	33 N	129 E
Reggio di Calabria, Sicily	38 N	16 E	Scarborough, England	54 N	0
Remscheid, Germany	51 N	7 E	Schaerbeek, Belgium	51 N	4 E
Rennes, France	48 N	2 W	Schaffhausen, Switz.	48 N	9 E
Reykjavik, Iceland	64 N	22 W	Schweidnitz, Poland	51 N	11 E
Rheims, France	49 N	4 E	Schwerin, Germany	54 N	11 E
Rhondda, Wales	52 N	3 W	Sebenico, Yugoslavia	44 N	16 E
Richmond, England	51 N	0	Semarang, Indonesia	7 S	110 E
Riga, Latvia	57 N	24 E	Sendai, Japan	38 N	141 E
Riobamba, Ecuador	2 S	78 W	Seraing, Belgium	51 N	5 E
Rio de Janeiro, Brazil	23 S	43 W	Setubal, Portugal	39 N	9 W
Rochdale, England	54 N	2 W	Seville, Spain	37 N	6 W
Rochefort, France	46 N	1 W	Shanghai, China	31 N	122 E
Rochester, England	51 N	0	Sheffield, England	53 N	1 W
Rockhampton, Aust.	24 S	151 E	Sherbrooke, Que. Can.	45 N	72 W
Rome, Italy	42 N	12 E	Shizuoka, Japan	35 N	138 E
Rosario, Argentine	33 S	61 W	Siangtan, China	28 N	113 E
Roseau, Dominica	15 N	61 W	Singapore, Malay Sts.	1 N	104 E
Rostock, Germany	54 N	12 E	Siracusa, Italy	37 N	15 E
Rostov-Don, U.S.S.R.	47 N	40 E	Skien, Norway	59 N	10 E
Rotherham, England	53 N	1 W	Smolensk, U.S.S.R.	55 N	32 E
Rotterdam, Holland	52 N	5 E	Soderhamn, Sweden	61 N	17 E
Roubaix, France	51 N	3 E	Sofia, Bulgaria	43 N	23 E
			Solingen, Germany	51 N	7 E

FOREIGN CITIES

Solothurn, Switzerland	47 N	8 E	Sydney, Australia	34 S	151 E
Soochow, China	31 N	121 E	Syracuse, Sicily	37 N	15 E
Sosnowiec, Poland	50 N	19 E	Szeged, Hungary	46 N	20 E
Southampton, England	51 N	1 W	Tabriz, Iran	38 N	46 E
Southend, England	52 N	1 E	Taganrog, U.S.S.R.	47 N	39 E
Southport, England	54 N	3 W	Taihoku, Taiwan	25 N	122 E
South Shields, Eng.	55 N	1 W	Taiku, Korea	36 N	128 E
Southwark, England	51 N	0	Taiyuan, China	37 N	113 E
Spandau, Germany	53 N	13 E	Tallinn, Estonia	59 N	25 E
Speyer, Germany	49 N	8 E	Tambov, U.S.S.R.	53 N	42 E
Srinagar, India	34 N	75 E	Tampere, Finland	61 N	24 E
St. Denis, France	49 N	2 E	Tampico, Mexico	22 N	98 W
St. Etienne, France	45 N	4 E	Taranto, Italy	40 N	17 E
St. Gall, Switzerland	47 N	9 E	Tarbes, France	43 N	0
St. Gilles, Belgium	51 N	4 E	Tarnopol, U.S.S.R.	50 N	26 E
St. Helens, England	53 N	3 W	Tarragona, Spain	41 N	1 E
St. Henri, Que. Can.	47 N	71 W	Tashkent, U.S.S.R.	42 N	70 E
St. John, New Brunswick	45 N	66 W	Tegucigalpa, Honduras	14 N	87 W
St. Johns, Nfld.	48 N	53 W	Teheran, Iran	36 N	51 E
St. Louis, Africa	16 N	17 W	Tehuantepec, Mexico	16 N	95 W
St. Nazaire, France	4 N	2 W	Tel Aviv, Israel	32 N	35 E
St. Paul de Loanda, Angola	9 S	13 E	Tengchow, China	38 N	121 E
St. Pierre, Martinique	15 N	61 W	Tepic, Mexico	22 N	105 W
St. Quentin, France	50 N	3 E	Tetuan, Morocco	36 N	6 W
St. Thomas, Ont. Can.	43 N	81 W	The Hague, Holland	52 N	4 E
Stalingrad, U.S.S.R.	49 N	44 E	Thessaloniki, Greece	41 N	23 E
Stalino, USSR	48 N	38 E	Tientsin, China	39 N	118 E
Stanley, Falkland Isl.	52 S	58 W	Tiflis, U.S.S.R.	42 N	45 E
Stargard, Poland	53 N	15 E	Tilburg, Holland	52 N	5 E
Stavanger, Norway	59 N	6 E	Tilsit, U.S.S.R.	55 N	22 E
Stepney, England	50 N	0	Timisoara, Rumania	46 N	21 E
Stettin, Poland	53 N	15 E	Tinn, Norway	61 N	8 E
Stockholm, Sweden	59 N	18 E	Tirana, Albania	41 N	20 E
Stockport, England	53 N	2 W	Tlemcen, Algeria	35 N	2 W
Stockton-on-Tees, Eng.	55 N	1 W	Tokyo, Japan	36 N	140 E
Stoke-upon-Trent, Eng.	52 N	2 W	Toluca, Mexico	19 N	100 W
Stolp, Poland	54 N	17 E	Tomska, U.S.S.R.	57 N	84 E
Straisund, Germany	54 N	13 E	Toowoomba, Australia	28 S	152 E
Strasbourg, France	49 N	8 E	Torun, Poland	53 N	18 E
Stuttgart, Germany	49 N	9 E	Toronto, Ont. Can.	44 N	79 W
Subotica, Yugoslavia	46 N	20 E	Torquay, England	50 N	3 W
Sucuowsew, China	29 N	105 E	Totonicapam, Guatemala	15 N	91 W
Sucre, Bolivia	19 S	65 W	Tottenham, England	52 N	0
Sunderland, England	55 N	1 W	Toulon, France	43 N	6 E
Sundsvall, Sweden	62 N	17 E	Toulouse, France	44 N	1 E
Surabaya, Java	7 S	113 E	Tours, France	47 N	1 E
Surakarta, Java	8 S	111 E	Townsville, Australia	19 S	147 E
Surat, India	21 N	73 E	Trento, Italy	46 N	11 E
Suva, Fiji Isl.	18 S	178 E	Treves, Germany	50 N	7 E
Sverdlovsk, U.S.S.R.	57 N	61 E	Treviso, Italy	46 N	12 E
Swansea, Wales	52 N	4 W	Trichinopoly, India	11 N	79 E
Swatow, China	24 N	117 E	Trieste, Italy	46 N	14 E

FOREIGN CITIES

Tripoli, Libya	33 N	13 E	Walthamstow, England	52 N	1 E
Trondheim, Norway	63 N	11 E	Wandsworth, England	51 N	0
Troyes, France	48 N	4 E	Wanh sien, China	31 N	109 E
Trujillo, Peru	8 S	79 W	Warsaw, Poland	52 N	21 E
Tsinan, China	37 N	117 E	Warrington, England	53 N	2 W
Tsingtao, China	36 N	120 E	Waterford, Ireland	52 N	7 W
Tucuman, Argentine	27 S	65 W	Weihwei, China	35 N	114 E
Tula, U.S.S.R.	54 N	37 E	Weimar, Germany	51 N	11 E
Tunbridge Wells, Eng.	51 N	0	Weissenfels, Germany	51 N	12 E
Tunis, Tunisia	37 N	11 E	Wellington, N. Zealand	41 S	175 E
Turin, Italy	45 N	8 E	Wenchow, China	28 N	120 E
Turku, Finland	60 N	22 E	West Bromwich, Eng.	53 N	2 W
Tynemouth, England	55 N	1 W	West Ham, England	52 N	0
Ufa, U.S.S.R.	55 N	56 E	Westminster, England	52 N	0
Ulm, Germany	48 N	10 E	Wiener Neustadt, Austria	48 N	16 E
Urmea, Sweden	64 N	21 E	Wiesbaden, Germany	50 N	8 E
Upsala, Sweden	60 N	18 E	Wigan, England	54 N	3 W
Urga, Mongolia	48 N	107 E	Willesden, England	52 N	0
Uskudar, Turkey	41 N	29 E	Williamstown, Aust.	38 S	145 E
Utrecht, Holland	52 N	5 E	Wilno, U.S.S.R.	55 N	25 E
Valencia, Spain	39 N	0	Windhoek, S. Africa	23 S	17 E
Vaasa, Finland	63 N	21 E	Windsor, Ont., Can	42 N	83 W
Valenciennes, France	50 N	4 E	Winnipeg, Man., Can.	50 N	97 W
Valetta, Malta	36 N	14 E	Winterthur, Switz.	47 N	9 E
Valladolid, Spain	42 N	5 W	Witten, Germany	51 N	7 E
Valparaiso, Chile	33 S	71 W	Wolverhampton, Eng.	53 N	2 W
Vancouver, B. C., Can.	49 N	123 W	Woolwich, England	51 N	1 E
Varna, Bulgaria	43 N	28 E	Worcester, England	52 N	2 W
Veile, Denmark	56 N	10 E	Worms, Germany	50 N	8 E
Venice, Italy	45 N	12 E	Wuchang, China	30 N	114 E
Vera Cruz, Mexico	19 N	96 E	Wuhu, China	31 N	119 E
Verona, Italy	45 N	11 E	Wuppertal, Germany	51 N	7 E
Versailles, France	49 N	2 E	Wurzburg, Germany	50 N	10 E
Verviers, Belgium	51 N	6 E	Yangchow, China	31 N	120 E
Vesteras, Sweden	60 N	17 E	Yarmouth, England	53 N	2 E
Vevey, Switzerland	46 N	7 E	Yawata, Japan	34 N	131 E
Vicenza, Italy	46 N	12 E	Yokosuka, Japan	35 N	140 E
Victoria, B. C. Can.	48 N	123 W	Yokohama, Japan	35 N	139 E
Victoria, China	22 N	114 E	York, England	54 N	1 W
Vienna, Austria	48 N	16 E	Ystad, Sweden	56 N	14 E
Viipuri, USSR	61 N	29 E	Yunnan, China	25 N	103 E
Vincennes, France	49 N	2 E	Zaandam, Holland	52 N	5 E
Vitebsk, U.S.S.R.	55 N	30 E	Zacatecas, Mexico	23 N	103 W
Vladivostok, U.S.S.R.	43 N	132 E	Zagreb, Yugoslavia	46 N	16 E
Voronezh, U.S.S.R.	52 N	39 E	Zanzibar, Africa	6 S	39 E
Wakayama, Japan	34 N	135 E	Zomba, Africa	11 S	35 E
Wakefield, England	54 N	1 W	Zurich, Switzerland	47 N	8 E
Wallasey, England	53 N	3 W	Zwickau, Germany	51 N	12 E
Walsall, England	53 N	2 W	Zwolle, Holland	53 N	6 E

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

		Latitude 1° N.					Latitude 2° N.					Latitude 3° N.							
Sider Time	7	10	11	12	Asc.	2	3	10	11	12	Asc.	2	3	10	11	12	Asc.	2	3
		°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'
0 0 0		0	2	3	0 24	28	28	0	2	3	0 48	28	28	0	2	3	1 12	28	28
3 40		1	3	3	1 14	29	29	1	3	3	1 38	29	29	1	3	3	2 02	29	29
7 20		2	4	4	2 06	∞	∞	2	4	4	2 29	∞	∞	2	4	4	2 52	∞	∞
0 11 0		3	5	5	2 55	1	1	3	5	5	3 19	1	1	3	5	5	3 43	1	1
14 41		4	6	6	3 46	2	2	4	6	6	4 10	2	2	4	6	6	4 34	2	2
18 21		5	7	7	4 36	3	3	5	7	7	5 00	3	3	5	7	7	5 24	3	3
0 22 2		6	8	8	5 27	4	4	6	8	8	5 51	4	4	6	8	8	6 15	4	4
25 42		7	9	9	6 18	5	5	7	9	9	6 41	5	5	7	9	9	7 05	5	5
29 23		8	10	10	7 08	5	6	8	10	10	7 32	5	6	8	10	10	7 56	5	6
0 33 4		9	11	10	8 00	6	7	9	11	10	8 23	6	7	9	11	10	8 46	6	7
36 45		10	12	11	8 51	7	8	10	12	11	9 14	7	8	10	12	11	9 37	7	8
40 26		11	13	12	9 42	8	9	11	13	12	10 05	8	9	11	13	12	10 28	8	9
0 44 8		12	14	13	10 33	9	10	12	14	13	10 56	9	10	12	14	13	11 19	9	10
47 50		13	14	14	11 24	10	11	13	14	14	11 47	10	11	13	14	14	12 10	10	11
51 32		14	15	15	12 17	11	12	14	15	15	12 39	11	12	14	15	15	13 01	11	12
0 55 14		15	16	16	13 07	12	13	15	16	16	13 30	12	13	15	16	16	13 53	12	13
58 57		16	17	16	13 58	13	14	16	17	16	14 21	13	14	16	17	16	14 44	13	14
1 2 40		17	18	17	14 51	14	15	17	18	17	15 13	14	15	17	18	17	15 35	14	15
1 6 23		18	19	18	15 41	15	16	18	19	18	16 04	15	16	18	19	18	16 27	15	16
10 7		19	20	19	16 23	15	17	19	20	19	16 56	15	17	19	20	19	17 18	15	17
13 51		20	21	20	17 26	16	18	20	21	20	17 48	16	18	20	21	20	18 10	16	18
1 17 35		21	22	21	18 18	17	19	21	22	21	18 40	17	19	21	22	21	19 02	17	19
21 20		22	23	22	19 10	18	20	22	23	22	19 32	18	20	22	23	22	19 54	18	20
25 6		23	24	23	20 03	19	21	23	24	23	20 25	19	21	23	24	23	20 47	19	21
1 28 52		24	25	23	20 56	20	22	24	25	23	21 18	20	22	24	25	23	21 40	20	22
32 38		25	26	24	21 49	21	23	25	26	24	22 11	21	23	25	26	24	22 33	21	23
36 25		26	27	25	22 42	22	24	26	27	25	23 04	22	24	26	27	25	23 26	22	24
1 40 12		27	28	26	23 35	23	25	27	28	26	23 57	23	25	27	28	26	24 19	23	25
44 0		28	27	24	28 24	26	28	28	27	24	50	24	26	28	28	27	25 12	24	26
47 48		29	29	28	25 22	25	27	29	29	28	25 44	25	27	29	29	28	26 06	25	27
Houses		4	5	6	7	8	9	4	5	6	7	8	9	4	5	6	7	8	9
		Latitude 1° S.					Latitude 2° S.					Latitude 3° S.							

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 1° N., Latitude 2° N., Latitude 3° N., and Latitude 1° S., Latitude 2° S., Latitude 3° S. Each latitude section includes 'Sider' and 'Time' headers, followed by multiple columns of numerical data representing house positions and times.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 1° N., Latitude 2° N., Latitude 3° N., and Latitude 1° S., Latitude 2° S., Latitude 3° S. Each latitude section includes 'Sider' and 'Time' headers, followed by multiple columns of numerical data representing house positions and times.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 4° N., 5° N., 6° N., and 4° S., 5° S., 6° S. Each column contains data for Sider'l Time and H M S. Includes a 'Houses' row at the bottom.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 4° N., 5° N., 6° N., and 4° S., 5° S., 6° S. Each column contains data for Sider'l Time and H M S. Includes a 'Houses' row at the bottom.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 4° N., 5° N., 6° N., and 7° S., 8° S., 9° S. Each column contains sub-columns for Sider, Time, and various numerical values (10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3).

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 7° N., 8° N., and 9° N., and Latitude 7° S., 8° S., 9° S. Each column contains sub-columns for Sider, Time, and various numerical values (10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3).

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 7° N., Latitude 8° N., Latitude 9° N. and Latitude 7° S., Latitude 8° S., Latitude 9° S. Includes rows for Sider'l Time, H M S, and Houses.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 7° N., Latitude 8° N., Latitude 9° N. and Latitude 7° S., Latitude 8° S., Latitude 9° S. Includes rows for Sider'l Time, H M S, and Houses.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with 18 columns for Sider'l Time, Latitude 7° N., Latitude 8° N., Latitude 9° N. and 9 columns for Houses. Includes data for latitudes 7° N. to 9° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with 18 columns for Sider'l Time, Latitude 7° N., Latitude 8° N., Latitude 9° N. and 9 columns for Houses. Includes data for latitudes 7° N. to 9° S. and a handwritten cross symbol at the bottom right.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with 3 main columns for Latitude 7° N., Latitude 8° N., and Latitude 9° N. Each column contains a grid of numbers representing house positions, with sub-columns for Sider Time, H, M, S, and various numerical values.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with 3 main columns for Latitude 7° N., Latitude 8° N., and Latitude 9° N. Each column contains a grid of numbers representing house positions, with sub-columns for Sider Time, H, M, S, and various numerical values.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 7° N., Latitude 8° N., Latitude 9° N., and Houses. Includes sub-headers for Sider Time, H M S, and various numerical columns.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 10° N., Latitude 11° N., Latitude 12° N., and Houses. Includes sub-headers for Sider Time, H M S, and various numerical columns.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 10° N., 11° N., 12° N. and Latitude 10° S., 11° S., 12° S. It includes rows for Sider'l Time, H M S, and Houses, with various numerical data points.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 10° N., 11° N., 12° N. and Latitude 10° S., 11° S., 12° S. It includes rows for Sider'l Time, H M S, and Houses, with various numerical data points.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 10° N. Latitude 11° N. Latitude 12° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 10° N, 11° N, and 12° N. Includes a 'Houses' row at the bottom.

Latitude 10° S. Latitude 11° S. Latitude 12° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 10° N. Latitude 11° N. Latitude 12° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 10° N, 11° N, and 12° N. Includes a 'Houses' row at the bottom.

Latitude 10° S. Latitude 11° S. Latitude 12° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 10° N. Latitude 11° N. Latitude 12° N.

Table with columns for Sider l, Time, and various numerical values for Latitude 10° N, 11° N, and 12° N. Rows are numbered 18, 19, 20.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 10° S. Latitude 11° S. Latitude 12° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 10° N. Latitude 11° N. Latitude 12° N.

Table with columns for Sider l, Time, and various numerical values for Latitude 10° N, 11° N, and 12° N. Rows are numbered 20, 21, 22.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 10° S. Latitude 11° S. Latitude 12° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with columns for Sider Time, H M S, and various numerical values for latitudes 13° N, 14° N, and 15° N. Includes a 'Houses' row at the bottom.

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with columns for Sider Time, H M S, and various numerical values for latitudes 13° N, 14° N, and 15° N. Includes a 'Houses' row at the bottom.

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with columns: Sider'l Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows 6-8 showing numerical data for various house positions.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with columns: Sider'l Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows 8-10 showing numerical data for various house positions.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with 19 columns (Sider, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3) and rows for House numbers 10 to 11. Includes a 'Houses' row at the bottom.

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with 19 columns (Sider, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3) and rows for House numbers 12 to 13. Includes a 'Houses' row at the bottom.

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with columns for Sider'l, Time, and various astrological symbols (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑) for latitudes 13° N, 14° N, and 15° N.

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with columns for Sider'l, Time, and various astrological symbols (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑) for latitudes 13° N, 14° N, and 15° N.

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 13° N, 14° N, and 15° N. Includes a 'Houses' row at the bottom.

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 13° N. Latitude 14° N. Latitude 15° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 13° N, 14° N, and 15° N. Includes a 'Houses' row at the bottom.

Latitude 13° S. Latitude 14° S. Latitude 15° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 16° N. Latitude 17° N. Latitude 18° N.

Table with columns for Sider'l Time, H M S, and Asc. for latitudes 16° N, 17° N, and 18° N. Includes a bottom row for Houses and a bottom row for Latitude 16° S, 17° S, and 18° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 16° N. Latitude 17° N. Latitude 18° N.

Table with columns for Sider'l Time, H M S, and Asc. for latitudes 16° N, 17° N, and 18° N. Includes a bottom row for Houses and a bottom row for Latitude 16° S, 17° S, and 18° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 19° N. Latitude 20° N. Latitude 21° N.

Table with columns for Sider'l Time, H M S, and various numerical values for different house types across three latitudes.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 19° S. Latitude 20° S. Latitude 21° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 19° N. Latitude 20° N. Latitude 21° N.

Table with columns for Sider'l Time, H M S, and various numerical values for different house types across three latitudes.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 19° S. Latitude 20° S. Latitude 21° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 19° N. Latitude 20° N. Latitude 21° N.

Table with columns: Sider'l, Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows 10-11.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 19° S. Latitude 20° S. Latitude 21° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 19° N. Latitude 20° N. Latitude 21° N.

Table with columns: Sider'l, Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows 12-13.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 19° S. Latitude 20° S. Latitude 21° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 22° N., Latitude 23° N., Latitude 24° N., and Houses. Includes sub-headers for Sider, Time, and various numerical values.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 22° N., Latitude 23° N., Latitude 24° N., and Houses. Includes sub-headers for Sider, Time, and various numerical values.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 22° N. Latitude 23° N. Latitude 24° N.

Table with columns for Sidereal Time, H M S, and Asc. for latitudes 22°, 23°, and 24° N. Rows 10-11.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 22° S. Latitude 23° S. Latitude 24° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 22° N. Latitude 23° N. Latitude 24° N.

Table with columns for Sidereal Time, H M S, and Asc. for latitudes 22°, 23°, and 24° N. Rows 12-13.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 22° S. Latitude 23° S. Latitude 24° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 22° N., 23° N., 24° N. and Latitude 22° S., 23° S., 24° S. Each latitude column contains a grid of numbers representing sidereal time and house positions.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 22° N., 23° N., 24° N. and Latitude 22° S., 23° S., 24° S. Each latitude column contains a grid of numbers representing sidereal time and house positions.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 22° N., Latitude 23° N., Latitude 24° N., and Houses. Includes sub-columns for Sider'l Time, Asc., and various zodiac signs (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓).

Latitude 22° S. Latitude 23° S. Latitude 24° S.

ERROR

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 25° N., Latitude 26° N., Latitude 27° N., and Houses. Includes sub-columns for Sider'l Time, Asc., and various zodiac signs (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓).

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 25° N. Latitude 26° N. Latitude 27° N.

Table with columns: Sider'l Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows include H M S values and Houses at the bottom.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 25° N. Latitude 26° N. Latitude 27° N.

Table with columns: Sider'l Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows include H M S values and Houses at the bottom.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 25° N. Latitude 26° N. Latitude 27° N.

Table with columns: Sider'l, Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows include H M S and Houses.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 25° N. Latitude 26° N. Latitude 27° N.

Table with columns: Sider'l, Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows include H M S and Houses.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 25° N., Latitude 26° N., and Latitude 27° N. Each latitude column contains a grid of numbers representing house positions. The grid is organized by 'Sider'l Time' (10, 11, 12) and 'Asc.' (10, 11, 12). The numbers are arranged in a grid with some blank spaces and small symbols like 'v' or 'w'.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 25° N., Latitude 26° N., and Latitude 27° N. Each latitude column contains a grid of numbers representing house positions. The grid is organized by 'Sider'l Time' (10, 11, 12) and 'Asc.' (10, 11, 12). The numbers are arranged in a grid with some blank spaces and small symbols like 'v' or 'w'.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 25° N. Latitude 26° N. Latitude 27° N.

Table with columns for Sider'l Time, H M S, and various numerical values for Latitude 25° N., 26° N., and 27° N. Includes a 'Houses' row at the bottom.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 25° N. Latitude 26° N. Latitude 27° N.

Table with columns for Sider'l Time, H M S, and various numerical values for Latitude 25° N., 26° N., and 27° N. Includes a 'Houses' row at the bottom.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 25° N. Latitude 26° N. Latitude 27° N.

Table with columns for Sider'l Time, H M S, and various numerical values for Latitude 25° N, 26° N, and 27° N. Includes a 'Houses' row at the bottom.

Latitude 25° S. Latitude 26° S. Latitude 27° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 28° N. Latitude 29° N. Latitude 30° N.

Table with columns for Sider'l Time, H M S, and various numerical values for Latitude 28° N, 29° N, and 30° N. Includes a 'Houses' row at the bottom.

Latitude 28° S. Latitude 29° S. Latitude 30° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 28° N. Latitude 29° N. Latitude 30° N.

Table with columns: Sider 1 Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows contain numerical data for various house configurations.

Latitude 28° S. Latitude 29° S. Latitude 30° S

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 28° N. Latitude 29° N. Latitude 30° N.

Table with columns: Sider 1 Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows contain numerical data for various house configurations.

Latitude 28° S. Latitude 29° S. Latitude 30° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 28° N. Latitude 29° N. Latitude 30° N.

Table with columns: Sider Time, H, M, S, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows 18-20 for each latitude.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 28° S. Latitude 29° S. Latitude 30° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 28° N. Latitude 29° N. Latitude 30° N.

Table with columns: Sider Time, H, M, S, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows 20-22 for each latitude.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 28° S. Latitude 29° S. Latitude 30° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with 3 columns: Latitude 28° N., Latitude 29° N., Latitude 30° N. Each column has sub-columns for Sider Time and H M S. The table lists various numerical values for different house types across these latitudes.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with 3 columns: Latitude 31° N., Latitude 32° N., Latitude 33° N. Each column has sub-columns for Sider Time and H M S. The table lists various numerical values for different house types across these latitudes.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns for Sider Time, H, M, S, and various numerical values for latitudes 31, 32, and 33 degrees North. Includes sub-headers for Asc. and other astronomical markers.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns for Sider Time, H, M, S, and various numerical values for latitudes 31, 32, and 33 degrees North. Includes sub-headers for Asc. and other astronomical markers.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns: Sider 1, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows include H, M, S, and numerical values for various house positions.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns: Sider 1, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows include H, M, S, and numerical values for various house positions.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 31° N, 32° N, and 33° N. Includes a 'Houses' row at the bottom.

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 31° N, 32° N, and 33° N. Includes a 'Houses' row at the bottom.

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns for Sider, Time, H, M, S, and various numerical values for latitudes 31° N, 32° N, and 33° N. Includes a 'Houses' row at the bottom.

Latitude 31° S. Latitude 32° S. Latitude 33° S

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns for Sider, Time, H, M, S, and various numerical values for latitudes 31° N, 32° N, and 33° N. Includes a 'Houses' row at the bottom.

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns for Sider Time, H M S, and various numerical values for latitudes 31, 32, and 33 degrees North. Includes rows for 18, 19, and 20.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns for Sider Time, H M S, and various numerical values for latitudes 31, 32, and 33 degrees North. Includes rows for 20, 21, and 22.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 31° N. Latitude 32° N. Latitude 33° N.

Table with columns: Sider'l Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows include H M S and numerical data for various house types.

Latitude 31° S. Latitude 32° S. Latitude 33° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns: Sider'l Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows include H M S and numerical data for various house types.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns: Sider Time, H M S, Asc., and Houses. Rows include numerical data for various house positions and latitudes.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns: Sider Time, H M S, Asc., and Houses. Rows include numerical data for various house positions and latitudes.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider Time, H, M, S, and various numerical values for latitudes 34, 35, and 36 N. Includes rows for 6, 7, and 8.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider Time, H, M, S, and various numerical values for latitudes 34, 35, and 36 N. Includes rows for 8, 9, and 10.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider Time, H, M, S, and Asc. for latitudes 34° N, 35° N, and 36° N. Includes a 'Houses' row at the bottom.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider Time, H, M, S, and Asc. for latitudes 34° N, 35° N, and 36° N. Includes a 'Houses' row at the bottom.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider'l Time, H, M, S, and various numerical values for latitudes 34, 35, and 36 N. Includes a 'Houses' row at the bottom.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider'l Time, H, M, S, and various numerical values for latitudes 34, 35, and 36 N. Includes a 'Houses' row at the bottom.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider Time, H M S, and various numerical values for three latitudes (34° N, 35° N, 36° N) and their corresponding southern counterparts. Includes sub-headers like 'Asc.', '2', '3', '10', '11', '12'.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider Time, H M S, and various numerical values for three latitudes (34° N, 35° N, 36° N) and their corresponding southern counterparts. Includes sub-headers like 'Asc.', '2', '3', '10', '11', '12'.

Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 34° N. Latitude 35° N. Latitude 36° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 34, 35, and 36 N.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9
Latitude 34° S. Latitude 35° S. Latitude 36° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 37° N. Latitude 38° N. Latitude 39° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 37, 38, and 39 N.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9
Latitude 37° S. Latitude 38° S. Latitude 39° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 37° N. Latitude 38° N. Latitude 39° N.

Table with columns for Sider Time, H M S, and various numerical values for latitudes 37, 38, and 39 degrees North. Includes sub-columns for Ascension and other astronomical parameters.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 37° S. Latitude 38° S. Latitude 39° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 37° N. Latitude 38° N. Latitude 39° N.

Table with columns for Sider Time, H M S, and various numerical values for latitudes 37, 38, and 39 degrees North. Includes sub-columns for Ascension and other astronomical parameters.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 37° S. Latitude 38° S. Latitude 39° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 40° N. Latitude 41° N. Latitude 42° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 40, 41, and 42 degrees North. Includes rows for 10, 11, and 12 degrees.

Latitude 40° S. Latitude 41° S. Latitude 42° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 40° N. Latitude 41° N. Latitude 42° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 40, 41, and 42 degrees North. Includes rows for 12, 11, and 10 degrees.

Latitude 40° S. Latitude 41° S. Latitude 42° S.

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Table with columns for Latitude 40° N, 41° N, and 42° N. Includes Sidereal Time (H M S) and Houses (4-9) for each latitude. Rows include numerical data for various time points and house numbers.

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Table with columns for Latitude 40° N, 41° N, and 42° N. Includes Sidereal Time (H M S) and Houses (4-9) for each latitude. Rows include numerical data for various time points and house numbers, similar to page 214 but with different values.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 40° N., Latitude 41° N., and Latitude 42° N. Includes sub-columns for Sider 1, Time, and H M S, with rows of numerical data.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 43° N., Latitude 44° N., and Latitude 45° N. Includes sub-columns for Sider 1, Time, and H M S, with rows of numerical data.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 43° N., 44° N., and 45° N. Each column contains a grid of numbers for Sider's Time, H M S, and Houses.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 46° N., 47° N., and 48° N. Each column contains a grid of numbers for Sider's Time, H M S, and Houses.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 46° N., 47° N., and 48° N. Rows include Sidereal Time, H M S, and Houses. Includes a section for Latitude 46° S., 47° S., and 48° S. at the bottom.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 46° N., 47° N., and 48° N. Rows include Sidereal Time, H M S, and Houses. Includes a section for Latitude 46° S., 47° S., and 48° S. at the bottom.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 46° N. Latitude 47° N. Latitude 48° N.

Table with columns for Sider Time, H M S, and Asc. for latitudes 46° N, 47° N, and 48° N. Includes rows for 6, 7, and 8 degrees.

Latitude 46° S. Latitude 47° S. Latitude 48° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 46° N. Latitude 47° N. Latitude 48° N.

Table with columns for Sider Time, H M S, and Asc. for latitudes 46° N, 47° N, and 48° N. Includes rows for 8, 9, and 10 degrees.

Latitude 46° S. Latitude 47° S. Latitude 48° S.

Table with columns for Latitude 46° N, 47° N, 48° N and rows for Sider'l Time (H M S) and Houses (4-9). Includes sub-columns for Ascensional Time and other astronomical variables.

Table with columns for Latitude 46° N, 47° N, 48° N and rows for Sider'l Time (H M S) and Houses (4-9). Includes sub-columns for Ascensional Time and other astronomical variables.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 49° N. Latitude 50° N. Latitude 51° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 49° N, 50° N, and 51° N. Includes a 'Houses' row at the bottom.

Latitude 49° S. Latitude 50° S. Latitude 51° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 49° N. Latitude 50° N. Latitude 51° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 49° N, 50° N, and 51° N. Includes a 'Houses' row at the bottom.

Latitude 49° S. Latitude 50° S. Latitude 51° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 49° N. Latitude 50° N. Latitude 51° N.

Table with columns: Sider 1, Time, H, M, S, and various numerical values for latitudes 49° N, 50° N, and 51° N. Includes a 'Houses' row at the bottom.

Latitude 49° S. Latitude 50° S. Latitude 51° S

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 49° N. Latitude 50° N. Latitude 51° N.

Table with columns: Sider 1, Time, H, M, S, and various numerical values for latitudes 49° N, 50° N, and 51° N. Includes a 'Houses' row at the bottom.

Latitude 49° S. Latitude 50° S. Latitude 51° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 49° N. Latitude 50° N. Latitude 51° N.

Table with columns for Sider's Time, H M S, and Asc. for latitudes 49° N, 50° N, and 51° N. Includes rows for 22, 23, and 24 hours.

Latitude 49° S. Latitude 50° S. Latitude 51° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 52° N. Latitude 53° N. Latitude 54° N.

Table with columns for Sider's Time, H M S, and Asc. for latitudes 52° N, 53° N, and 54° N. Includes rows for 0, 1, and 2 hours.

Latitude 52° S. Latitude 53° S. Latitude 54° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 52° N. Latitude 53° N. Latitude 54° N.

Table with columns for Sider'l Time, H M S, and various numerical values for Latitude 52° N, 53° N, and 54° N. Includes a 'Houses' row at the bottom.

Latitude 52° S. Latitude 53° S. Latitude 54° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 52° N. Latitude 53° N. Latitude 54° N.

Table with columns for Sider'l Time, H M S, and various numerical values for Latitude 52° N, 53° N, and 54° N. Includes a 'Houses' row at the bottom.

Latitude 52° S. Latitude 53° S. Latitude 54° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns: Latitude 55° N., Latitude 56° N., Latitude 57° N. and rows for Sider'l Time, H M S, and Houses. Includes sub-headers for degrees and minutes.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns: Latitude 55° N., Latitude 56° N., Latitude 57° N. and rows for Sider'l Time, H M S, and Houses. Includes sub-headers for degrees and minutes.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 55° N., Latitude 56° N., and Latitude 57° N. Rows include Sidereal Time (H M S) and Ascensional Time (Asc. 2 3) for various hours (10, 11, 12, 1, 2, 3, 4, 5, 6, 7, 8, 9). Bottom row: Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 55° S. Latitude 56° S. Latitude 57° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table with columns for Latitude 55° N., Latitude 56° N., and Latitude 57° N. Rows include Sidereal Time (H M S) and Ascensional Time (Asc. 2 3) for various hours (12, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12). Bottom row: Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 55° S. Latitude 56° S. Latitude 57° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with columns for Sider'l Time, H M S, and various numerical values for three latitudes. Includes a 'Houses' row at the bottom.

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with columns for Sider'l Time, H M S, and various numerical values for three latitudes. Includes a 'Houses' row at the bottom.

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with columns for Sider'l Time, H M S, and various numerical values for Asc. and other astronomical data. Rows are grouped by Sider'l Time (10, 11, 12).

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 |

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with columns for Sider'l Time, H M S, and various numerical values for Asc. and other astronomical data. Rows are grouped by Sider'l Time (12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1).

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 |

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with columns: Sider'l Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows 13-15, 14, 14, 14, 15, 15, 15, 15, 15. Houses 4-9.

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with columns: Sider'l Time, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3, 10, 11, 12, Asc., 2, 3. Rows 15, 16, 16, 16, 16, 16, 17, 17, 17, 17, 17. Houses 4-9.

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 58° N, 59° N, and 60° N. Includes rows for 18, 19, and 20 degrees.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 58° N, 59° N, and 60° N. Includes rows for 20, 21, and 22 degrees.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 58° N. Latitude 59° N. Latitude 60° N.

Table with 36 columns and multiple rows. Columns are grouped into three sections for Latitude 58° N, 59° N, and 60° N. Each section has columns for Time (H, M, S), Sider'l (10, 11, 12), and Asc. (2, 3, 10, 11, 12). Rows include H M S values (e.g., 22 8 23) and Sider'l values (e.g., 10 11 12).

Latitude 58° S. Latitude 59° S. Latitude 60° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with 36 columns and multiple rows. Columns are grouped into three sections for Latitude 61° N, 62° N, and 63° N. Each section has columns for Sider'l (10, 11, 12), Asc. (2, 3, 10, 11, 12), and H M S. Rows include Sider'l values (e.g., 10 11 12) and H M S values (e.g., 0 0 0).

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with columns for Sider Time, H M S, and Asc. for Latitude 61° N., 62° N., and 63° N. Includes rows for Houses 1 through 9.

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with columns for Sider Time, H M S, and Asc. for Latitude 61° N., 62° N., and 63° N. Includes rows for Houses 3 through 9.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 61, 62, and 63 degrees North. Includes a 'Houses' row at the bottom.

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 61, 62, and 63 degrees North. Includes a 'Houses' row at the bottom.

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with 16 columns for Sider'l Time and 16 columns for H M S. Rows include numerical data for various times and house numbers, organized by latitude (61, 62, 63° N).

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9
Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with 16 columns for Sider'l Time and 16 columns for H M S. Rows include numerical data for various times and house numbers, organized by latitude (61, 62, 63° N).

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9
Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table for Latitude 61° N., 62° N., 63° N. with columns for Sider'l Time, H M S, and various numerical values.

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Table for Latitude 61° N., 62° N., 63° N. with columns for Sider'l Time, H M S, and various numerical values.

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with columns for Sider Time, H M S, and various numerical values for latitudes 61, 62, and 63 degrees North. Includes a 'Houses' row at the bottom.

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with columns for Sider Time, H M S, and various numerical values for latitudes 61, 62, and 63 degrees North. Includes a 'Houses' row at the bottom.

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 61° N. Latitude 62° N. Latitude 63° N.

Table with columns for Sider'l Time, H M S, and various astrological symbols (Asc., 2, 3, 10, 11, 12, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60) for latitudes 61, 62, and 63 N.

Latitude 61° S. Latitude 62° S. Latitude 63° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns for Sider'l Time, H M S, and various astrological symbols (Asc., 2, 3, 10, 11, 12, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60) for latitudes 64, 65, and 66 N.

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns for Sider Time, H M S, and various numerical values for Latitude 64° N, 65° N, and 66° N. Includes rows for Sider 1, 2, 3 and Houses.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9
Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns for Sider Time, H M S, and various numerical values for Latitude 64° N, 65° N, and 66° N. Includes rows for Sider 3, 4 and Houses.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9
Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns: Sider'l Time, 10 11 12, Asc., 2 3 10 11 12, Asc., 2 3 10 11 12, Asc., 2 3. Rows 6-8 with various numerical values.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns: Sider'l Time, 10 11 12, Asc., 2 3 10 11 12, Asc., 2 3 10 11 12, Asc., 2 3. Rows 8-10 with various numerical values.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 64, 65, and 66 N. Includes rows for 10, 11, and 12 hours.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns for Sider'l Time, H M S, and various numerical values for latitudes 64, 65, and 66 N. Includes rows for 12, 13, and 14 hours.

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns for Sidereal Time, H M S, and Ascensional Times for latitudes 64, 65, and 66 degrees North. Includes symbols like †, ‡, §, ¶, ⋈, ♁, ♀, ♁.

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Table with columns for Sidereal Time, H M S, and Ascensional Times for latitudes 64, 65, and 66 degrees North. Includes symbols like †, ‡, §, ¶, ⋈, ♁, ♀, ♁.

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Sider'l Time	10 V	11 V	12 V	Asc. P	2 II	3 II	10 V	11 V	12 V	Asc. P	2 II	3 II	10 V	11 V	12 V	Asc. P	2 II	3 II		
18	0	0	0	9	22	0	8	21	0	6	17	0	12	23	0	4	10	0	19	25
	4	22	1	10	23	10	10	22	1	8	19	16	4	24	1	5	12	8	21	26
	8	43	2	11	25	20	11	23	2	9	21	8	16	25	2	6	14	29	22	28
18	13	5	3	12	27	8	13	24	3	10	23	13	17	26	3	7	16	II	24	29
	17	26	4	13	29	7	14	25	4	11	25	21	19	27	4	9	18	14	25	30
	21	48	5	14	30	14	16	26	5	12	27	27	20	28	5	10	21	18	26	31
18	26	9	6	16	3	20	17	27	6	14	29	II	21	29	6	11	23	21	27	2
	30	30	7	17	5	25	19	28	7	15	30	7	23	30	7	12	26	23	29	3
	34	51	8	18	7	28	20	29	8	16	4	10	24	1	8	14	28	25	30	3
18	39	11	9	19	10	II	21	30	9	17	6	13	25	2	9	15	30	26	31	4
	43	31	10	20	12	6	22	1	10	19	9	16	26	3	10	17	4	27	32	5
	47	51	11	22	14	8	23	2	11	20	11	18	27	4	11	18	7	29	33	6
18	52	11	12	23	17	11	25	3	12	21	14	20	28	5	12	19	9	30	34	7
	56	31	13	24	19	13	26	4	13	23	16	21	29	6	13	21	12	1	4	8
19	0	50	14	26	22	15	27	5	14	24	19	23	30	7	14	22	15	1	5	9
19	5	8	15	27	25	17	28	6	15	26	22	24	1	8	15	24	18	2	6	9
	9	26	16	28	27	18	29	7	16	27	25	25	2	8	16	25	21	3	7	10
	13	44	17	30	29	20	30	8	17	28	27	26	3	9	17	26	24	4	8	11
19	18	1	18	1	30	21	1	9	18	29	30	28	4	10	18	28	29	5	9	12
	22	18	19	2	5	23	2	10	19	30	3	29	5	11	19	29	30	5	10	13
	26	34	20	4	8	24	3	10	20	2	6	30	6	12	20	30	4	6	11	14
19	30	50	21	5	10	25	4	11	21	4	9	1	6	13	21	2	7	7	10	15
	35	5	22	7	14	26	5	12	22	5	12	2	7	14	22	4	10	7	11	16
	39	20	23	8	16	27	5	13	23	7	15	2	8	14	23	5	14	8	12	17
19	43	34	24	9	19	28	6	14	24	8	18	3	9	15	24	7	17	8	13	18
	47	47	25	11	21	29	7	15	25	10	21	4	10	16	25	8	20	9	14	19
	52	0	26	12	24	30	8	16	26	11	24	5	10	17	26	10	23	10	15	20
19	56	12	27	14	27	1	9	16	27	13	27	6	11	18	27	12	27	10	16	21
20	0	24	28	15	30	2	9	17	28	14	30	6	12	18	28	13	30	11	17	22
	4	35	29	17	3	3	10	18	29	16	3	7	13	19	29	15	3	11	18	23

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Sider'l Time	10 V	11 V	12 V	Asc. P	2 II	3 II	10 V	11 V	12 V	Asc. P	2 II	3 II	10 V	11 V	12 V	Asc. P	2 II	3 II		
20	8	45	0	18	6	4	11	19	0	17	6	8	13	20	0	16	6	12	16	21
	12	54	1	19	8	5	12	20	1	19	9	8	14	21	1	18	10	13	16	22
	17	3	2	21	11	6	13	21	2	20	12	9	15	22	2	19	13	13	17	23
20	21	11	3	23	14	6	13	21	3	22	15	10	15	22	3	21	16	14	18	23
	25	19	4	24	16	7	14	22	4	23	18	10	16	23	4	22	19	14	18	24
	29	26	5	25	19	8	15	23	5	25	21	11	17	24	5	24	22	15	19	25
20	33	31	6	27	22	8	15	24	6	26	23	12	17	25	6	25	25	15	20	26
	37	37	7	28	24	9	16	25	7	28	26	12	18	25	7	27	28	16	20	26
	41	41	8	30	27	10	17	25	8	29	29	13	19	26	8	29	30	16	21	27
20	45	45	9	1	29	11	17	26	9	30	30	14	19	27	9	30	31	17	22	28
	49	48	10	3	30	11	18	27	10	31	31	14	20	28	10	31	32	17	23	29
	53	51	11	4	31	12	19	28	11	32	32	15	21	28	11	32	33	18	24	30
20	57	52	12	6	32	12	20	28	12	33	33	15	22	29	12	33	34	18	25	31
21	1	53	13	7	33	13	20	29	13	34	34	16	22	30	13	34	35	19	26	32
	5	53	14	9	34	14	21	30	14	35	35	17	23	31	14	35	36	19	27	33
21	9	53	15	10	35	14	22	31	15	36	36	17	23	32	15	36	37	20	28	34
	13	52	16	12	36	15	22	32	16	37	37	18	24	33	16	37	38	20	29	35
	17	50	17	13	37	16	23	33	17	38	38	18	24	34	17	38	39	21	30	36
21	21	47	18	15	38	16	24	34	18	39	39	19	25	35	18	39	40	21	31	37
	25	44	19	16	39	17	24	35	19	40	40	19	26	36	19	40	41	22	32	38
	29	40	20	18	40	17	25	36	20	41	41	20	26	37	20	41	42	22	33	39
21	33	35	21	19	41	18	26	37	21	42	42	20	27	38	21	42	43	23	34	40
	37	29	22	21	42	19	26	38	22	43	43	21	28	39	22	43	44	23	35	41
	41	23	23	23	43	19	27	39	23	44	44	22	28	40	23	44	45	24	36	42
21	45	16	24	24	44	20	27	40	24	45	45	22	29	41	24	45	46	24	37	43
	49	9	25	26	45	20	28	41	25	46	46	23	29	42	25	46	47	25	38	44
	53	1	26	27	46	21	29	42	26	47	47	23	30	43	26	47	48	25	39	45
21	56	52	27	28	47	21	29	43	27	48	48	24	30	44	27	48	49	26	40	46
22	0	43	28	30	48	22	30	44	28	49	49	24	31	45	28	49	50	26	41	47
	4	33	29	1	49	23	31	45	29	50	50	25	31	46	29	50	51	27	42	48

Houses | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9

Latitude 64° S. Latitude 65° S. Latitude 66° S.

SIMPLIFIED SCIENTIFIC TABLES OF HOUSES

Latitude 64° N. Latitude 65° N. Latitude 66° N.

Sider Time	1	10	11	12	Asc.	2	3	10	11	12	Asc.	2	3	10	11	12	Asc.	2	3	
H	M	S	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
22	8	23	0	3	11	23	1	12	0	3	15	25	2	13	0	3	22	27	4	13
	12	12	1	5	13	24	2	13	1	5	17	26	3	14	1	5	24	28	4	14
	16	0	2	6	14	24	2	14	2	6	18	26	4	14	2	6	25	28	5	15
22	19	48	3	7	15	25	3	14	3	7	19	27	4	15	3	8	26	29	5	15
	23	35	4	9	16	25	4	15	4	9	21	27	5	16	4	9	27	29	6	16
	27	22	5	10	18	26	4	16	5	10	22	28	5	16	5	11	28	Ω	7	17
22	31	8	6	12	19	26	5	17	6	12	23	28	6	17	6	12	29	0	7	18
	34	54	7	13	20	27	5	17	7	13	24	29	6	18	7	14	Ω	1	8	18
	38	40	8	15	21	27	6	18	8	15	25	29	7	19	8	15	0	1	8	19
22	42	25	9	16	22	28	7	19	9	16	26	Ω	8	19	9	17	1	2	9	20
	46	9	10	18	23	29	7	20	10	18	27	0	8	20	10	18	2	2	9	21
	49	53	11	19	24	29	8	20	11	19	28	1	9	21	11	20	3	2	10	21
22	53	37	12	20	25	Ω	8	21	12	21	29	1	9	22	12	21	3	3	11	22
	57	20	13	22	26	0	9	22	13	22	Ω	2	10	22	13	23	4	3	11	23
23	1	3	14	23	27	1	10	23	14	24	1	2	11	23	14	24	5	4	12	24
23	4	46	15	24	28	1	10	23	15	25	1	3	11	24	15	25	6	4	12	24
	8	28	16	26	29	2	11	24	16	26	2	3	12	25	16	27	6	5	13	25
	12	10	17	27	Ω	2	12	25	17	28	3	4	12	25	17	29	7	5	13	26
23	15	53	18	28	0	3	12	26	18	29	4	4	13	26	18	Ω	7	6	14	26
	19	34	19	Ω	1	3	13	26	19	Ω	4	5	14	27	19	1	8	6	14	27
	23	15	20	1	2	4	13	27	20	2	5	5	14	28	20	3	9	7	15	28
23	26	56	21	2	3	4	14	28	21	3	6	6	15	28	21	4	9	7	16	28
	30	37	22	4	4	5	14	29	22	5	6	6	15	29	22	5	10	8	16	29
	34	18	23	5	4	5	15	29	23	6	7	7	16	29	23	7	11	8	17	29
23	37	58	24	6	5	6	16	29	24	7	8	7	16	0	24	8	11	8	17	1
	41	39	25	8	6	6	16	1	25	9	9	8	17	1	25	10	12	9	18	1
	45	19	26	9	7	7	17	2	26	10	9	8	18	2	26	11	12	9	18	2
23	49	0	27	11	7	7	18	2	27	11	10	9	18	3	27	12	13	10	19	3
	52	40	28	12	8	8	18	3	28	13	10	9	19	3	28	14	13	10	20	4
	56	20	29	13	9	8	19	4	29	14	11	10	19	4	29	15	14	11	20	4
Houses	4	5	6	7	8	9	4	5	6	7	8	9	4	5	6	7	8	9		

Latitude 64° S.

Latitude 65° S.

Latitude 66° S.

CHANGES OF NAMES OF CITIES—1972

Aux Cayes, Haiti	now	Les Cayes
Bahia, Brazil	now	Salvador
Bareli, India	now	Bareilly
Batavia, Java	now	Djakarta, Indonesia
Breslau, Poland	now	Wroclaw
Chemnitz, Germany	now	Karl Marx Stadt, E. Germany
Chisinau, USSR	now	Kishinev
Constantinople, Turkey	now	Istanbul
Danzig, Poland	now	Gdansk
Dehra, India	now	Dehra Dun
Fiume, Yugoslavia	now	Rijeka
Gleiwitz, Poland	now	Gliwice
Hindenburg, Poland	now	Zabrze
Insterburg, USSR	now	Cherbiakowski
Ispahan, Iran	now	Esfahan
Keijo, Korea	now	Seoul
Kiang May, Thailand	now	Chiang May
Konigsberg, USSR	now	Kaliningrad
Kottbus, E. Germany	now	Cottbus
Leopoldville, Zaire	now	Kinshasa
Liegnitz, Poland	now	Legnica
Mariupol, USSR	now	Zhdanov
Morocco, Morocco	now	Marrakech
Mukden, China	now	Shenyang
Neusatz, Yugoslavia	now	Novi Sad
Newchwang, China	now	Yingkou
Para, Brazil	now	Belem
Pernambuco, Brazil	now	Recife
Pilsen, Czechoslov.	now	Pizen
Pola, Yugoslavia	now	Pula
Ryojun, China	now	Lushun
Schweidnitz, Poland	now	Swidnice
Sebenico, Yugoslavia	now	Sibenik
St Paul de Loanda, Angola	now	Luanda
Stettin, Poland	now	Szczecin
Stolp, Poland	now	Slupsk
Taiku, Korea	now	Taegu
Tarnopol, USSR	now	Ternopol
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