

TIME CHANGES

in the

WORLD

(EXCEPT CANADA, MEXICO, USA)

2001
REVISED
EDITION

DORIS
CHASE
DOANE

ASIA

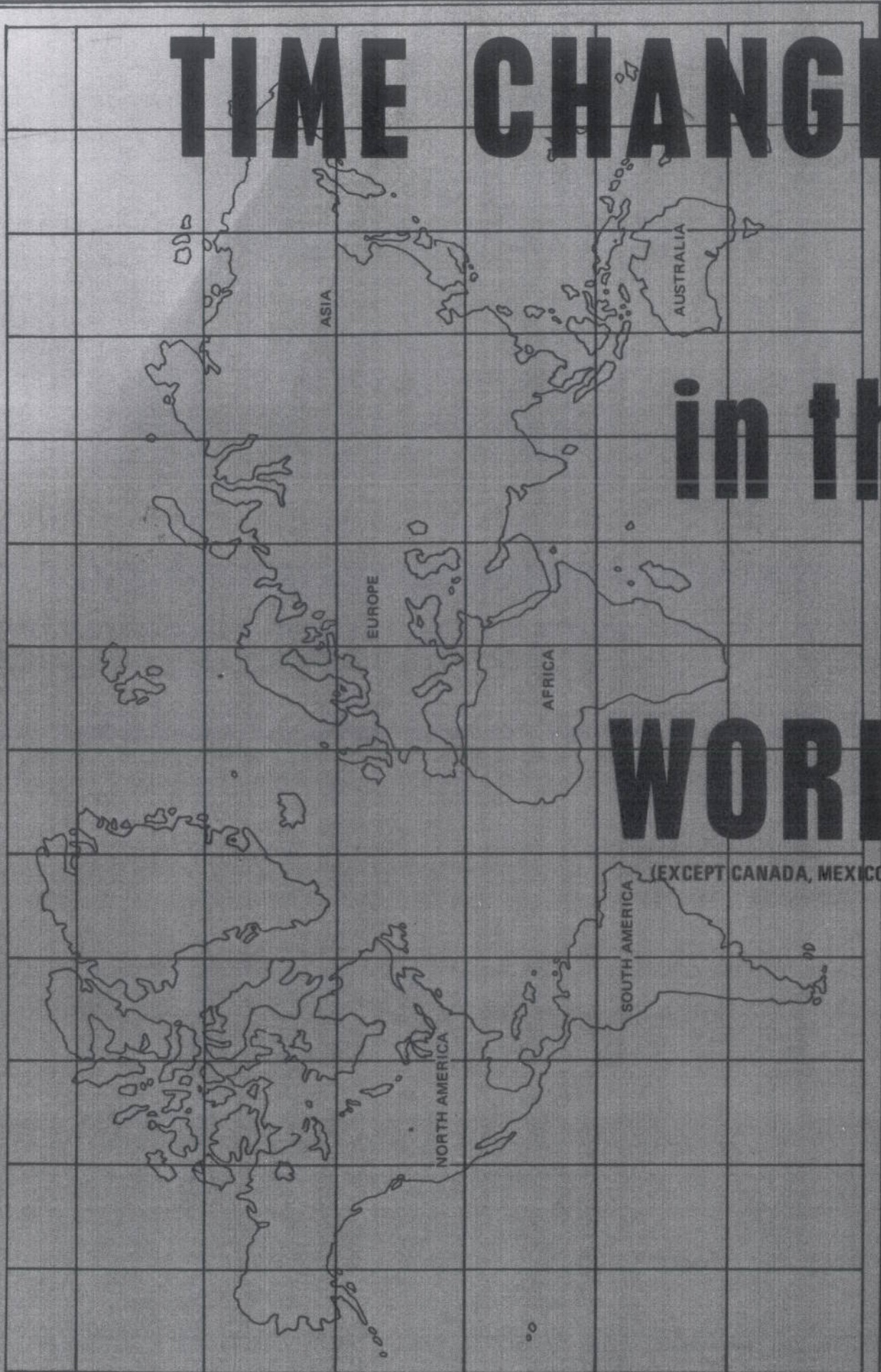
AUSTRALIA

EUROPE

AFRICA

SOUTH AMERICA

NORTH AMERICA



Time Changes in the World

*Except Canada, Mexico
United States*

Doris Chase Doane

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Preface to 1982 Revised Edition

During the past seven years, since the first edition of this book appeared, there has been an unending process in my office of verifying place names and keeping up with the ever changing boundaries of some existing countries, as well as an overabundance of new ones. The times used all over the world have been in a constant state of flux due to wars, calendars, governments, etc., as well as our own development of new information which has been heretofore unavailable.

It's been both an immense and fascinating project that has filled many filing cabinets with correspondence in a mind-boggling variety of languages. Without the wholehearted assistance of myriad serious astrologers from all over the world who dug out the facts locally, as well as those who helped me personally in correlating and translating this material, I doubt this new edition would have been possible.

To all those who gave so generously of their time and spirit, I say a heartfelt "thank you!". Thank you not only for the help you have given me, but for the invaluable contribution you have made to those who will follow our footsteps in the art and science of astrology so they may run where we walked and crawled.

We feel as if we've been put through the wringer of a crash course in geography. Not only have European boundaries bounced back and forth with alarming rapidity, but many of the far-flung former possessions have gained their independence and, to celebrate, have changed their names.

Old and new atlases have piled up as we diligently filled in the gaps in the old edition as well as adding the very latest information. A thorough cross-reference has been established for names used and changed during the past 150 years of areas, countries, capitals, islands, etc. Now that so many new countries have emerged, the maps of the world have completely changed and are still changing. Today's newest atlas will be tomorrow's old news.

This data was checked against the latest reference books for 1986, as well as for the 19th century. The result is a listing that will not only find favor with the modern time researcher, but should also be invaluable to the historian searching the past.

This completely new edition has been greatly enlarged as well as updated. The information has been refined and improved upon in great detail. In addition, in order to make this book more easily used by a worldwide audience, many names are presented in several languages. Common names in use in most countries have been included.

The key to quickly locating the reference you urgently desire is to fully understand the presentation of this information. Every listing is based on six individual parts if the information is available:

1. Name
2. Location and capital
3. Adoption of calendar(s)
4. Time zone shifts
5. Daylight (summer or war) time periods
6. Cross-reference

Unless indicated, no daylight savings time changes occurred from 1981 to 1990.

*Doris Chase Doane
San Francisco, California
March 2, 1987*

Note: All changes through 2000 have been incorporated in this edition.

TABLE 1
CONVERSION OF LONGITUDE TO TIME

DEGREES					MINUTES			
°	h	m	°	h	m	'	m	s
0	0	00	60	4	00	120	8	00
1	0	04	61	4	04	121	8	04
2	0	08	62	4	08	122	8	08
3	0	12	63	4	12	123	8	12
4	0	16	64	4	16	124	8	16
5	0	20	65	4	20	125	8	20
6	0	24	66	4	24	126	8	24
7	0	28	67	4	28	127	8	28
8	0	32	68	4	32	128	8	32
9	0	36	69	4	36	129	8	36
10	0	40	70	4	40	130	8	40
11	0	44	71	4	44	131	8	44
12	0	48	72	4	48	132	8	48
13	0	52	73	4	52	133	8	52
14	0	56	74	4	56	134	8	56
15	1	00	75	5	00	135	9	00
16	1	04	76	5	04	136	9	04
17	1	08	77	5	08	137	9	08
18	1	12	78	5	12	138	9	12
19	1	16	79	5	16	139	9	16
20	1	20	80	5	20	140	9	20
21	1	24	81	5	24	141	9	24
22	1	28	82	5	28	142	9	28
23	1	32	83	5	32	143	9	32
24	1	36	84	5	36	144	9	36
25	1	40	85	5	40	145	9	40
26	1	44	86	5	44	146	9	44
27	1	48	87	5	48	147	9	48
28	1	52	88	5	52	148	9	52
29	1	56	89	5	56	149	9	56
30	2	00	90	6	00	150	10	00
31	2	04	91	6	04	151	10	04
32	2	08	92	6	08	152	10	08
33	2	12	93	6	12	153	10	12
34	2	16	94	6	16	154	10	16
35	2	20	95	6	20	155	10	20
36	2	24	96	6	24	156	10	24
37	2	28	97	6	28	157	10	28
38	2	32	98	6	32	158	10	32
39	2	36	99	6	36	159	10	36
40	2	40	100	6	40	160	10	40
41	2	44	101	6	44	161	10	44
42	2	48	102	6	48	162	10	48
43	2	52	103	6	52	163	10	52
44	2	56	104	6	56	164	10	56
45	3	00	105	7	00	165	11	00
46	3	04	106	7	04	166	11	04
47	3	08	107	7	08	167	11	08
48	3	12	108	7	12	168	11	12
49	3	16	109	7	16	169	11	16
50	3	20	110	7	20	170	11	20
51	3	24	111	7	24	171	11	24
52	3	28	112	7	28	172	11	28
53	3	32	113	7	32	173	11	32
54	3	36	114	7	36	174	11	36
55	3	40	115	7	40	175	11	40
56	3	44	116	7	44	176	11	44
57	3	48	117	7	48	177	11	48
58	3	52	118	7	52	178	11	52
59	3	56	119	7	56	179	11	56

Example: Convert S.T. Meridian 112E30 to hours and minutes East of Greenwich (0°).

112° - 7h 28m
 30' - 2m 00s add

 7h 30m East of Greenwich

Introduction to the First Edition

Since the publication of *Time Changes in the USA*, I have had letters from all over the world urging me to write a book on time changes outside the United States. *Time Changes in Canada and Mexico* has been published (both are available from the American Federation of Astrologers).

As records are incomplete, I have hesitated to do a world book. However, in 1969 I decided to at least compile the information I have been gathering since 1942 and make it available for researchers, students and historians.

In view of this urgency, I must stress that the present work is incomplete and a presentation of the information available at this time. I would hope that readers having documented information which does not appear here would send it in for inclusion in future editions or supplements of this volume.

Scanning history reveals that a list of countries for each decade would change tremendously, especially during war periods. After jiggling the list several ways, I decided to list the countries as Eugene Dernay did in his *Longitudes and Latitudes Throughout the World* (published by the American Federation of Astrologers). To this I have added the names of sixty-nine new countries that have become independent since the beginning of World War II. An alphabetical order and cross reference has been employed to eliminate an index. This way the body of the book is an index in itself. Some countries have been called by many names. These are cross referenced.

Under the name of each country is given geographical location, the capital city(ies), reference to past name or former possession or date of independence. Then follows adoption date of Gregorian Calendar, Standard Time Meridian (S.T. Meridian), Daylight Savings Time and Double Summer Time, if observed.

See "Introduction" in *Time Changes in the USA* for information on converting Julian Calendar (Old Style—OS) to Gregorian Calendar (New Style—NS) for each century.

Dates are given "American style." That is, 9/25 equals the 25th day of the 9th month—September 25. **Readers abroad take note of this.**

Instead of using names of Standard Time Zones (such as Central Europe Time or Middle Europe Time) or the letters for zones, I thought it more convenient and uniform to give the degrees (and minutes, if any) of the Standard Time Meridian (S.T. Meridian) to which the clocks in a given area were standardized.

By using Table 1, Conversion of Longitude to Time, the hours and minutes a meridian is east or west of Greenwich can be quickly calculated.

For instance, the S.T. Meridian of Uruguay is 52W30 (longitude). Consulting the table, look in the degree column for 52. It equals 3 hours, 28 minutes. Now look in the minute column for 30. It equals 2 minutes. Add 3h 28m and 2m to find that Uruguay S.T. Meridian is 3h 30m west of Greenwich.

Some countries use the phrase Summer Time when their clocks are advanced. In this volume the term Daylight Savings Time is used to indicate one hour advance on the clock unless otherwise indicated.

When Double Summer time (an extra hour advance, or a two hour advance from the S.T. Meridian) is observed, the dates appear in a section under the Daylight Time section of that country. Be sure to check it.

To assist our friends who do not speak English, I am presenting the French, Spanish and German translations of this Introduction.

This volume, along with *Time Changes in the USA* and *Time Changes in Canada and Mexico* completes the trilogy of time books covering the world.

L'Introduction

Depuis la publication de *Time Changes in the USA* j'ai reçu des lettres du monde entier me demandant d'écrire un livre sur les changements de temps hors des États Unis. *Time Changes in Canada and Mexico* a subséquemment apparû. (Ces deux livres peuvent se commander avec the American Federation of Astrologers.)

Les renseignements étant incomplets j'hésitais devant un livre sur les changements de temps dans le monde. Néanmoins, durant l'année 1969 je décidais d'ordonner toutes les informations récoltées par moi depuis 1942 et de les offrir aux investigateurs, étudiants et historiens.

C'est donc là la raison pour laquelle cette présente oeuvre est seulement la présentation de l'information disponible aujourd'hui sur ce sujet. Si mes aimables lecteurs ayant des informations supplémentaires voulaient me les envoyer, je serais trop heureuse de les inclure dans les subséquentes éditions. Examinant l'histoire mondiale on se rend compte que la nomenclature des nations change souvent, surtout durant les périodes de guerre. Après avoir étudié plusieurs manières, je décidais d'adopter la nomenclature que Eugene Dernay employa dans son livre *Longitudes and Latitudes Throughout the World* (American Federation of Astrologers). A cette liste j'ai ajouté les noms de 69 nouvelles nations, nées depuis le commencement de la Seconde Guerre Mondiale. L'ordre alphabétique et de spéciales notes de référence ont été choisis pour éliminer un index. De cette manière le livre lui-même est une véritable table des matières. Les nations connues par différents noms sont également annotées; en dessous du nom de chaque nation, la location géographique est donnée ainsi que la (ou les) Capital. La longitude et la latitude indiquées sont presque toujours prises de Dernay; une référence du nom antérieur ainsi que de la nation qui eu le contrôle politique dans le passé et la date d'indépendance sont données.

Après vient la date d'adoption du Calendrier Grégorien, du Méridien Standard (S.T. Meridian), de l'heure d'été (Daylight Savings Time) ou de la double heure d'été (Double Summer Time) selon les cas.

Dans l'introduction de *Time Changes in the USA* on peut trouver l'information nécessaire pour convertir le Calendrier Julien (Old Style—OS) en Calendrier Gregorien (New Style—NS) pour chaque siècle.

Les dates sont données à l'américaine (American Style), 9/25 représente le 25ème jour du 9ème mois, c'est à dire le 25 Septembre. *Mes lecteurs à l'étranger doivent faire attention à ce détail.*

Au lieu d'employer les noms des Zones de Temps (S.T. Zone), comme Europe Centrale, etc., ou de désigner ces zones par des lettres, j'ai pensé plus simple et uniforme de donner les degrés (et minutes, si cela était nécessaire (du Méridien Standard (S.T. Meridian) auquel les horloges d'une certaine superficie sont ajustées.

Usant la Table 1, Conversion of Longitude to Time, placée au commencement de ce livre on peut calculer facilement les heures et minutes auxquelles un méridien est placé, à l'est ou ouest de Greenwich.

Par exemple, le Méridien Standard (S.T. Meridian) d'Uruguay est 52W30 (longitude). Consultante la table, cherchez 52 dans la colonne des degrés: égal 3 heures 28 minutes. Maintenant, cherchez 30 dans la colonne des minutes: égal 2 minutes. Additionner 3hs 28 min. et 2 min., le resultat est donc 3hrs 30 min. à l'ouest de Greenwich, position du Meridien Standard.

De nombreuses nations usent la phrase Heure d'Eté (Summer Time) quand leurs horloges sont avancées: dans ce livre, le terme Daylight Savings Time est employé pour indiquer une heure d'avance.

Quand la Double Heure d'Eté (une heure extra d'avance ou 2 heures sur le Meridien Standard) est observée, les dates paraissent dans une section spéciale, Daylight Time section, pour ce dit pays. Vérifiez chaque fois.

Ce Livre et ses compagnons, *Time Changes in the USA* et *Time Changes in Canada and Mexico* complètent la triologie de livres dédiée aux changes du temps pour le monde entier.

Introducción a la Primera Edición

Desde la publicación de *Time Changes in the USA*, he recibido cartas del mundo entero, pidiéndome un libro sobre los cambios de hora fuera de los Estados Unidos, *Time Changes in Canada and Mexico*, ha sido publicado. (Estos dos libros pueden obtenerse por medio de American Federation of Astrologers.)

No poseyendo suficientes datos para un trabajo sobre los cambios de hora en todo el mundo, he titubeado escribir un libro que cubra el mundo entero. Sin embargo, en 1969, quise, por lo menos, compilar la información acumulada por mis esfuerzos desde el año 1942 y ofrecerla a investigadores, estudiantes e historiadores.

Debido a esta urgencia deseo dar énfasis al hecho de que la actual obra es incompleta y es sólo una presentación de la información disponible hasta el presente. Ojalá que aquellos lectores que posean datos que no aparecen en este libro, se sirvan mandármelos para incluirlos en ediciones suplementos subsiguientes.

Revisando la historia mundial, nos damos cuenta de que una lista hecha de los países, por cada década, cambiaría enormemente, especialmente durante los períodos de guerra. Después de haber hecho la lista de los países en varias formas, decidí catalogarlos en la forma que lo hace Eugene Dornay, en su obra, *Longitudes and Latitudes Throughout the World* (American Federation of Astrologers). A esta lista añadí los nombres de 69 nuevas naciones que se formaron desde el principio de la Segunda Guerra Mundial. Los países se han catalogado por orden alfabético, con las referencias necesarias, eliminando de esta manera el índice, ya que el libro en sí constituye un índice. Algunos países se conocen por varios nombres, y en estos casos, hacemos la referencia necesaria.

Debajo de nombre de cada país se da la siguiente información: La localidad geográfica, la capital (las longitudes y las latitudes fueron tomadas generalmente de Dornay), y referencia al nombre que se usaba en el pasado, o antigua posesión o fecha de independencia. Seguidamente, se da la fecha en que se adoptó el Calendario Gregoriano, el Meridiano, según la Hora Standard y si se observaba la Hora de Verano o la Hora Doble de Verano.

Véase "Introducción" en *Time Changes in the USA* donde se da la información necesaria para convertir el Calendario Juliano al Calendario Gregoriano, para cada siglo.

Las fechas se dan usando el "estilo americano," es decir, 9/25 equivale al vigésimoquinto (25) día del noveno mes (Septiembre), es decir, Septiembre 25.

En vez de usar los nombres de las zonas donde se usa la Hora Standard (tal como la Hora de Europa Central) o las letras que indican las zonas, estimé más conveniente y uniforme dar los grados (y minutos, si los hay) del Meridiano según la Hora Standard, que servían de standard a los relojes en cada área.

Si se usa la Tabla No. 1, Conversión de Longitud a Tiempo, se puede calcular rápidamente las horas y los minutos que un Meridiano está al este o al oeste de Greenwich. Por ejemplo, el Meridiano según la Hora Standard de Uruguay es de 52.30 (longitud). Consultando la Tabla, se busca 52 en la columna indicando los grados. Equivale a 3 horas, 28 minutos. Ahora busque el 30, en la columna de los minutos. Equivale a 2 minutos. Añada 3 horas y 28 minutos a 2 y hallará que el Meridiano Según la Hora Standard de Uruguay está a 3 horas y 30 minutos al oeste de Greenwich.

Algunos países usan la frase "Hora de Verano" cuando adelantan el reloj. En este volumen, el término "Hora de Verano" se usa para indicar que se ha adelantado una hora al reloj, a menos que se indique otra cosa.

Cuando se usa Hora de Verano Doble (se adelanta una hora extra, o sea, dos horas a la Hora Standard Según el Meridiano) las fechas aparecen debajo de la Sección de Hora de Verano de ese país. No deje de rectificar esto.

Para ayudar a nuestros amigos que no hablan inglés, se ha traducido la introducción al francés, español y alemán.

Este volumen, junto con *Time Changes in the USA* y *Time Changes in Canada and Mexico*, completa la trilogía de las distintas horas del mundo.

Die Einführung

Seit der Herausgabe von *Time Changes in the USA* erhielt ich Briefe aus vielen Teilen der Welt in welchen mir dringend empfohlen wurde ein Buch über Zeitwechsel ausserhalb den Vereinigten Staaten zu schreiben. *Time Changes in Canada and Mexico* ist bereits erschienen. (Beide Bücher sind erhältlich durch American Federation of Astrologers.)

Da es keine vollständige und richtige Informationen gibt, habe ich bisher davon abgesehen ein Welt Zeitwechsel Buch zu schreiben. Jedoch, im Jahre 1969, entschied ich mich, wenigstens an Hand der von mir gesammelten Informationen ein Buch zusammenzustellen, welches Forschern, Studenten und Geschichtswissenschaftlern behilflich sein wird.

Ich hoffe dass die Leser dieses Buches welche irgend andere urkundige Auskünfte haben, mir ihre Erfahrungen mitteilen würden damit ich dieselben in späteren Auflagen dieses Buches einschliessen kann.

Wenn wir die Welt Geschichte gründlich studieren, sehen wir klar und deutlich das die Länderlisten, entschied ich mich, die Länder zu katalogisieren wie Eugene Dernay in *Longitudes and Latitudes Throughout the World* (American Federation of Astrologers). Ausserdem habe ich die Namen von 69 Ländern, welche zu Anfang des Weltkrieges selbständig geworden sind, eingeschlossen.

Alphabetische Ordnung und Kreuz-Hinweise sind angewandt um ein Inhaltsverzeichnis zu eliminieren, infolgedessen dieses Buch ist ein Inhaltsverzeichnis. Mehrere Länder haben verschiedene Namen: es wird kreuzweise darauf hingewiesen. Unter dem Namen jenes Landes ist seine geographische Stellung angegeben, der Name der Hauptstadt (Hauptstädte), Länge, Breite, sind fast alle dem Dernay Buch entnommen, Hinweis auf deren früheren Namen, früherem Besitzern oder Unabhängigkeits Datum.

Darauf folgt das Annahme-Datum des Gregorian Kalenders, Meridian Standard Zeit (Standard Time Meridian), Sommer Zeit (Daylight Savings Time) and Doppelte Sommer Zeit (Double Summer Time) wenn respektiert.

Für den Wechsel eines Julian Kalender-Datum (Old Style—OS) in ein Gregorian Kalender Datum (New Style—NS) für jedes Jahrhundert, bitte lesen Sie die "Introduction" in *Time Changes in the USA*.

Daten sind im amerikanischen Stil angegeben. Beispiel: 9/25 ist der 25ste Tag im neunten Monat (September 25). *Ausländische Leser sind hierauf besonders aufmerksam gemacht.*

Anstatt Standard Zeit Zonen Namen (wie Central Europa, usw.) oder Buchstaben um die Zonen zu benennen, halte ich es für einfacher, die entsprechenden Standard Meridian Grade and Minuten zu geben.

Die Tabelle 1., "Conversion of Longitude to Time," am Anfang dieses Buch ist sehr nützlich um die Stunden und Minuten, von irgend einem Meridian ost oder west von Greenwich, schnell auszurechnen. Zum Beispiel, der Standard Zeit Meridian in Uruguay ist 52W30 (Länge): siehe in der *Degree* Reihe für 52: ist gleich 3 Stunden 28 Minuten. Dann siehe in der *Minute* Reihe für 30: ist gleich 2 Minuten. Wir addieren beide und finden das Uruguay Standard Zeit Meridian ist 3 Stunden 30 Minuten west von Greenwich.

Mehrere Länder benutzen den Ausdruck Sommer Zeit wenn deren Uhren vorgestellt sind. In diesem Buch, benutzt man den Ausdruck "Daylight Savings Time" um eine Stunde vorgestellt zu zeigen. Wenn Doppelte Sommer Zeit ist beachtet (eine extra Stunde vorgerückt, oder zwei Stunde von Standard Zeit Meridian) die Daten erscheinen in dem Paragraph unter der Sommer Zeit (Daylight Savings Time) in jenem Land. Bitte Acht darauf geben.

Dieses Buch, zusammen mit *Time Changes in the USA* und *Time Changes in Canada and Mexico* vollendet die Trilogie der Zeit-Bücher für die Welt.

ABYSSINIA See Ethiopia

ACORES See Azores

ADEN See also People's Democratic Republic of Yemen
Former British Colony and Protectorate on Arabian Peninsula
Capital: City of Aden, 12N47, 4E02

1931 Using S.T. Meridian 44E48:30, except Makalla which uses 33E45 (adoption date unknown).
1939 S.T. Meridian 45E00
No Daylight Saving Time

ADMIRALTY ISLANDS See New Guinea

AFARS AND ISSAS, FRENCH TERRITORY OF See French Somaliland

AFGHANISTAN

Kingdom in western Asia
Capital: Kabul, 34N30, 69E13
60E00 S.T. Meridian assigned in 1934, but not used. Time really not standardized.
No Daylight Saving Time

AFRIQUE DU SUD See Union of South Africa

AFRIQUE EQUATORIALE FRANCAISE See French Equatorial Africa

AFRIQUE OCCIDENTALE FRANCAISE See French West Africa

AFRIQUE OCCIDENTALE PORTUGAISE See Portuguese West Africa

AFRIQUE ORIENTALE ALLEMAND See Belgian Congo and Tanganyika

AFRIQUE ORIENTALE ANGLAISE See Kenya, Uganda and Zanzibar

AFRIQUE ORIENTALE ITALIENNE See Italian East Africa

AFRIQUE ORIENTALE PORTUGAISE See Portuguese East Africa

ALBANIA

A Balkan Communist republic located on the east coast of the Adriatic
Capital: Tirana, 41N02, 19E04

To 1914 Local Mean Time
1914 Adopted S.T. Meridian, 15E00
Daylight Saving Time

1940 4/1-1942 11/2 (+2 hr)	1982 4/18-9/30	1987 3/29-9/27
1942 11/2-1943 3/29 (+1 hr)	1983 4/18e-9/30e	1988 3/27-9/25
1979 5/1-9/30	1984 4/18-9/30	1989 3/26-9/24
1980 5/1-9/30	1985 4/18e-9/30e	1990 3/25-9/30
1981 4/26-9/30	1986 3/30-9/28	

ALGERIA

Former French colony in North Africa; became independent July 5, 1962.
Capital: Algiers, 36N47, 3E04

1891 3/15 Adopted Local Mean Time of Paris, 2E20
1911 3/11 0:01 a.m. adopted S.T. Meridian 0E00
1941 S.T. Meridian 15E00
1945 11/18 S.T. Meridian 0E00
1956 1/29 0 hr S.T. Meridian 15E00
1963 4/14 0 hr S.T. Meridian 0E00

Daylight Saving Time
(Begins 11:00 p.m., ends 0 hr)

1922 3/25-10/8	1933 3/25-10/8	1981 4/24-10/24
1923 3/26-10/7	1934 4/7-10/7	1982 4/25-10/23
1924 3/29-10/5	1935 3/30-10/6	1983 4/29-10/27
1925 4/4-10/4	1936 4/18-10/4	1984 4/28-10/26

1926 4/17-10/3	1937 4/3-10/3	1985 4/18-10/27
1927 4/9-10/2	1938 3/26-11/2	1986 4/27-10/26
1928 4/14-10/7	1939 4/15-11/19	1987 4/26-10/25
1929 4/20-10/6	1940 2/24-1945 9/16 year round	1988 4/24-10/30
1930 4/12-10/5	1978 5/23-9/20	1989 4/30-10/29
1931 4/18-10/4	1979 3/23-9/20	1990 4/29-10/28
1932 4/2-10/2	1980 4/25-10/25	

ALLEMAGNE See Germany

ALOFI ISLANDS See New Caledonia

ALSACE-LORRAINE See France

AMATONGALAND See Union of South Africa

AMIRANTES See Seychelles

AMIS, ILES See Tonga Islands

ANCHWEI See China

ANDAMAN ISLANDS

With Nicobar Islands, form a province of India located in the Indian Ocean.
Capital: Port Blair, 11N42, 92E46

1920 (circa) Adopted S.T. Meridian 97E30
No Daylight Saving Time

ANDORRA

Principality in Pyrenees on border of France and Spain
Capital: Andorra la Vella, 42N31, 1E30

Observes S.T. Meridian 0E00

Daylight Saving Time

1981-85 No DST	1988 3/27-9/25
1986 3/30-9/28	1989 3/26-9/24
1987 3/29-9/27	1990 3/25-9/30

ANGLETERRE See Great Britain

ANGLO-EGYPTIAN SUDAN See also Sudan

Former British possession in East Africa; became independent January 1, 1956
1931 Adopted S.T. Meridian 30E00 (date of adoption unknown)
No Daylight Saving Time

ANGMAGSSALIK See Greenland

ANGOLA

Former Portuguese colony in West Africa; became independent November 11, 1975.
Capital: Luanda, 8S49, 13E14

To 1911 Local Mean Time of Luanda, 13E14
1911 5/26 Adopted S.T. Meridian 15E00
No Daylight Saving Time

ANGUILLA ISLAND

British associated state in the West Indies
Capital: The Valley, 18N13, 63W04

To 1912 Local Mean Time
1912 3/2 S.T. Meridian 60W00
No Daylight Saving Time

ANJOUAN ISLANDS

French possession in Indian Ocean
S.T. Meridian 45E00

No Daylight Saving Time (assumed)

ANNAM See French Indo-China

ANTIGUA

British associate state in the West Indies; dependencies are Barbuda and Redondo Islands.
 Capital: St. John's 17N06 61W51

To 1912 Local Mean Time
 1912 3/2 S.T. Meridian 75W00

No Daylight Saving Time

ARABIE SAOUDITE See Saudi Arabia

ARCHIPELAGO OF COLUMBUS See Galapagos Islands

ARGENTINA

Republic in South America
 Capital: Buenos Aires 34S36 58W27

1894 11/1 Local Time of Cordoba 64W11
 1920 5/1 0 hr adopted S.T. Meridian 60W00
 1945 (perhaps also before) used S.T. Meridian 45W00

*Daylight Saving Time
 (Changes at 0 hr)*

1930 12/1-1931 4/1	1940 7/1-1941 6/14	1969 10/5-1976 4/4
1931 10/15-1932 3/1	1941 10/15-1943 8/1	*1974 1/23-5/1
1932 11/1-1933 3/1	1943 10/15-1946 3/1	1976 10/3 adopted year round
1933 11/1-1934 3/1	1946 10/1-1963 10/1	1981 10/4-1982 4/4
1934 11/1-1935 3/1	1963 12/15-1964 3/1	1982 10/3-1983 4/3
1935 11/1-1936 3/1	1964 10/15-1965 3/1	1983 10/6-1984 4/1
1936 11/1-1937 3/1	1965 10/15-1966 3/1	1984 10/7-1985 4/7
1937 11/1-1938 3/1	1966 10/15-1967 4/2	1985 10/6-1986 4/6
1938 11/1-1939 3/1	1967 10/1-1968 4/7	1986-90 DST year round
1939 11/1-1940 3/1	1968 10/6-1969 4/6	

*Add 1 more hour for Double Summer Time

ARMENIAN S.S.R. See Soviet Union

ARUBA

An island in the Netherlands Antilles
 Capital: Oranjestad 12N33 70W06

1912 2/12 Local Mean Time of 67W30
 1965 1/1 0 hr S.T. Meridian 60W00

No Daylight Saving Time

ASCENSION ISLAND See St. Helena

ASHANTI See Gold Coast

AUSTRALIA

Continent and British Commonwealth in South Pacific

Daylight Saving Time

1981-85 No DST in Northern Territory, Western Australia, Queensland. Rest of country:

1981 10/25-1982 3/6

*1982 10/31-1983 3/5

1983 10/30-1984 3/3 and Broken Hill

1984 10/28-1984 3/2 and Broken Hill

1985 10/27-1985 3/1 and Broken Hill

*New South Wales extended daylight time for an extra month. Careful checking of times revealed three different times in some homes. Tasmania turned back its clocks on March 28 and New South Wales went back on April 4.

Broken Hill is a mining town in the middle of nowhere and has remained on South Australia time.

Provinces

Canberra Capital territory 35S17 149E08
 1911 1/1 (Inception) adopted S.T. Meridian 150E00

*Daylight Saving Time
(Changes at 2:00 a.m.)*

1917 1/1-3/25	1972 10/29-1973 3/4	1979 10/28-1980 3/2
1918-1941 not observed	1973 10/28-1974 3/3	1980 10/26-1981 3/1
1942 1/1-3/29	1974 10/27-1975 3/2	1986 10/19-1987 3/15
1942 9/27-1943 3/28	1975 10/26-1976 3/7	1987 10/25-1988 3/20
1943 10/3-1944 3/26	1976 10/31-1977 3/6	1988 10/30-1989 3/19
1945-1970 not observed	1977 10/30-1978 3/5	1989 10/29-1990 3/18
1971 10/31-1972 2/27	1978 10/29-1979 3/4	1990 10/28-1991 3/4

New South Wales Capital: Sydney 33S55 151E10
 To 1895 Local Mean time of Sydney 151E10
 1895 2/1 Adopted S.T. Meridian 150E00 (including Broken Hill)
 1896 8/23 Adopted S.T. Meridian 135E00 in Broken Hill only
 1899 5/1 Adopted S.T. Meridian 142E30 in Broken Hill only

*Daylight Saving Time Observed
(Changes at 2:00 a.m.)*

1917 1/1-3/25	1972 10/29-1973 3/4	1979 10/28-1980 3/2
1918-1941 not observed	1973 10/28-1974 3/3	1980 11/1-1981 3/1
1942 1/2-3/29	1974 10/27-1975 3/2	1986 10/19-1987 3/15
1942 9/27-1943 3/28	1975 10/26-1976 3/7	1987 10/25-1988 3/20
1943 10/3-1944 3/26	1976 10/31-1977 3/6	1988 10/30-1989 3/19
1945-1970 not observed	1977 10/30-1978 3/5	1989 10/29-1990 3/18
1971 10/24-1972 2/27	1978 10/29-1979 3/4	1990 10/28-1991 3/4

Northern Territory Capital: Darwin 12S28 130E49
 To 1895 Local Time
 1895 2/1 Adopted S.T. Meridian 135E00
 1899 5/1 Adopted S.T. Meridian 142E30

Daylight Saving Time

1917 1/1 2:00 a.m.—3/25 2:00 a.m.
 1918-1941 Not observed
 1942 1/2 2:00 a.m.-1942 3/29 2:00 a.m.
 1942 9/27 2:00 a.m.-1943 3/28 2:00 a.m.
 1943 10/3 2:00 a.m.-1944 3/26 2:00 a.m.
 1945 Discontinued

Queensland Capital: Brisbane 27S28 153E02
 To 1895 Local Mean Time of Brisbane 153E02
 1895 1/1 Adopted S.T. Meridian 150E00

*Daylight Saving Time
(Changes at 2:00 a.m.)*

1917 1/1-3/25	1971 10/31-1972 2/27
1918-1941 Not observed	1973 Discontinued
1942 1/1-3/29	1986-88 No DST
1942 9/27-1943 3/28	1989 10/29-1990 3/4
1945-1970 Not observed	1990 10/28-1991 3/3

South Australia Capital: Adelaide 34S55 138E35
 To 1895 Local Mean Time of Adelaide 138E35
 1895 2/1 Adopted S.T. Meridian 135E00
 1899 5/1 Adopted S.T. Meridian 142E30

*Daylight Saving Time
(Changes at 2:00 a.m.)*

1917 1/1-3/25	1971 10/24-1972 2/27	1977 10/30-1978 3/5
1918-1941 Not observed	1972 10/29-1973 3/4	1978 10/29-1979 3/4
1942 1/2-3/29	1973 10/28-1974 3/3	1979 10/28-1980 3/2
1943 10/3-1944 3/26	1974 10/27-1975 3/2	1980 10/26-1981 3/1
1945-1970 Not observed	1976 10/31-1977 3/6	

Tasmania
 To 1895
 1895 9/1

Capital: Hobart 42S54 147E22
 Local Time
 Adopted S.T. Meridian 150E00
Daylight Saving Time
(Changes at 2:00 a.m.)

1916 10/1-1917 3/25 Rural times from January to March should be checked carefully.

1917 10/28-1918 3/3	1967 10/1-1968 3/31	1974 10/27-1975 3/2
1918 10/27-1919 3/2	1968 10/27-1969 3/9	1975 10/26-1976 3/7
1920-1941 Not observed	1969 10/26-1970 3/8	1976 10/31-1977 3/6
1942 1/1-1942 3/29	1970 10/25-1971 3/14	1977 10/30-1978 3/5
1942 9/27-1943 3/28	1971 10/24-1972 2/27	1978 10/29-1979 3/4
1943 10/3-1944 3/26	1972 10/29-1973 3/4	1979 10/28-1980 3/2
1945-1966 Not observed	1973 10/28-1974 3/3	1980 10/26-181 3/1

Victoria
 To 1895
 1895 2/1

Capital: Melbourne 37S50 145E00
 Local Mean Time of Melbourne 145E00
 Adopted S.T. Meridian 150E00
Daylight Saving Time

1917 1/1/ 0:01 a.m.-3/25 2:00 a.m.	1976 10/31-1977 3/6
1918-1941 Not observed	1977 10/30-1978 3/5
1942 1/1 2:00 a.m.-3/29 2:00 a.m.	1978 10/29-1979 3/4
1942 9/27 2:00 a.m.-1943 3/28 2:00 a.m.	1979 10/28-1980 3/2
1943 10/3 2:00 a.m.-1944 3/26 2:00 a.m.	1980 10/26-1981 3/1
1945-1970 Not observed	1986 10/19-1987 3/15
1971 10/24-1972 2/27	1987 10/25-1988 3/30
1972 10/29-1973 3/4	1988 10/30-1989 3/19
1973 10/28-1974 3/3	1989 10/29-1990 3/18
1974 10/27-1975 3/2	1990 10/28-1991 3/17
1975 10/26-1976 3/7	

Western Australia
 To 1895
 1895 12/1

Capital: Perth 31S57 115E50
 Local Time
 Adopted S.T. Meridian 120E00
Daylight Saving Time
(Changes at 2:00 a.m.)

1917 1/1-3/25	1944-1973 Not observed
1918-1941 Not observed	1974 10/27-1975 3/2
1942 1/1-3/29	1976 Discontinued
1942 9/27-1943 3/28	

AUSTRAL ISLANDS See French Polynesia

AUSTRIA

A republic located in central Europe
 Capital: Vienna 48N12 16E23

1583 1/16	Adopted Gregorian Calendar
To 1891	Local Mean Time
1891 10/1	S.T. Meridian 15E00 adopted by railroads but most towns and rural areas continued on Local Mean Time
1893 4/1	S.T. Meridian 15E00 now used in some small towns
1910 5/1	S.T. Meridian 15E00 finally spread country-wide

Daylight Saving Time

1916 4/30 11:00 p.m.-10/1 1:00 a.m.	1940 4/1 2:00 a.m.-1942 11/2 3:00 a.m.
1917 4/16 3:00 a.m.-9/17 3:00 a.m.	1943 3/29 2:00 a.m.-10/4 3:00 a.m.
1918 4/15 3:00 a.m.-9/16 3:00 a.m.	1944 4/3 2:00 a.m.-10/2 3:00 a.m.
1919 4/28 2:00 a.m.-9/29 3:00 a.m.	1945 4/2 2:00 a.m.-11/18 3:00 a.m.
1920 4/5 2:00 a.m.-9/13 3:00 a.m.	1946 4/14 2:00 a.m.-10/7 3:00 a.m.
1921-1939 Not observed	1947 4/6 2:00 a.m.-10/5 3:00 a.m.

1948 4/18 2:00 a.m.-10/3 3:00 a.m.	1986 3/30-9/28
1981 3/29-9/26	1987 3/29-9/27
1982 3/28-9/25	1988 3/27-9/25
1983 3/25-9/29	1989 3/26-9/24
1984 3/31-9/29	1990 3/25-9/30
1985 3/31-9/28	

AUSTRIAN POLAND See Poland

AUTRICHE See Austria

AZERBAIJAN S.S.R. See Soviet Union

AZORES

Portuguese colony in North Atlantic

Capital: Horta 38N31 28W38

1912 1/1	Adopted S.T. Meridian 30W00	
	<i>Daylight Saving Time Observed</i>	
1916 3/1 11:00 p.m.-11/1 0 hr		1972 4/2-10/1
1917 3/1 11:00 p.m.-11/1 0 hr		1973 4/1-10/7
1918 3/1 11:00 p.m.-11/1 0 hr		1974 4/7-10/6
1919-1940 Not observed		1975 4/6-10/5
1941 4/5 11:00 p.m.-11/1 0 hr		1976 4/4-10/3
1942 3/14 11:00 p.m.-4/25 0 hr		1977 4/3-10/2
*1942 4/25 0 hr (duration date unconfirmed)		1978 4/2-10/1
1945-1959 (assumed but not verified, perhaps same as Portugal)		
1960 4/24-10/30		1979 4/1-10/7
1961 4/2-10/1		1980 4/6-10/5
1962 4/1-10/1		1981 3/28-9/26
1963 4/1-10/6		1982 3/27-9/25
1964 4/5-10/4		1983 3/26-9/24
1965 4/4-10/3		1984 3/24-9/29
1966 4/3-10/2		1985 3/23-9/28
1967 4/2-10/1		1986 3/30-9/28
1968 4/7-10/6		1987 3/29-9/27
1969 4/1-10/5		1988 3/27-9/25
1970 4/5-10/4		1989 3/26-9/24
1971 4/4-10/3		1990 3/25-9/30
*Add 1 more hour for Double Summer Time		

BAHAMA ISLANDS

British colony in Caribbean

Capital: Nassau 25N05 77W20

To 1912	Local Mean Time	
1912 3/2	Adopted S.T. Meridian 75W00	
	<i>Daylight Saving Time Observed</i>	
1970 4/26-10/25	1977 4/24-10/30	1984 4/28-10/26
1971 4/25-10/31	1978 4/30-10/28	1985 4/28-10/27
1972 4/30-10/29	1979 4/29-10/27	1986 4/27-10/26
1973 4/29-10/28	1980 4/27-10/25	1987 4/5-10/25
1974 4/28-10/27	1981 4/26-10/24	1988 4/3-10/30
1975 4/27-10/26	1982 4/25-10/30	1989 4/2-10/29
1976 4/25-10/31	1983 4/29-10/27	1990 4/1-10/28

BAHRAIN

Former British protected state situated along the Persian (Arabian) Gulf; became independent August 14, 1971.

Capital: Manama 26N14 50E35

S.T. Meridian 60E00 observed in some parts; see Saudi Arabia

BAKER ISLAND See Gilbert Islands

BALAMBANGAN ISLAND See Malaysia

BALEARIC ISLANDS

Ibiza, Cabrera, Formentera, Mallorca (Majorca), Menorca (Minorca)
Time same as Spain

BALI ISLAND See Netherlands East Indies

BANGGI ISLAND See Malaysia

BANGKA ISLAND See Netherlands East Indies

BANGLADESH

Former East Pakistan; achieved independence during the December 3-16, 1971 India-Pakistan War
Capital: Dacca 23N43 90E25
S.T. Meridian 90E00

BANKS ISLANDS See New Hebrides

BARBADE See Barbados

BARBADOS

Former British colony in the West Indies; became independent November 30, 1966
Capital: Bridgetown 13N06 59W37

1924	Local Mean Time of Bridgetown 59W37		
1932	Adopted S.T. Meridian 60W00		
		<i>Daylight Saving Time</i>	
1978 4/16-9/30	1983 4/17-9/25		1988 4/24-9/25
1979 4/15-9/29	1984 4/22-9/23		1989 4/30-9/24
1980 4/20-9/25	1985 4/21-9/29		1990 4/29-9/30
1981 4/19-9/27	1986 4/27-9/28		
1982 4/18-9/26	1987 4/26-9/27		

BARBARA See Libya

BARBUDA See Antigua

BASUTOLAND See Union of South Africa and Lesotho

BATAVIA See Netherlands East Indies

BAVARIA (BAYERN) See Germany

BECHUANALAND See Botswana

BELGIAN CONGO

Belgian colony in Africa; June 30, 1960 became two independent countries called the Democratic Republic of the Congo; see Congo (Brazzaville) and Congo (Kinshasa).

Capital: Leopoldville 4S19 15E18

1912 1/1	Adopted S.T. Meridian 15E00		
1920 4/25	Provinces east of Kalenga adopted S.T. Meridian 30E00; rest of country remained on S.T. Meridian 15E00		
1935 6/1	Provinces divided into two time zones: S.T. Meridian 15E00 retained by western provinces of Coquilhatville, Leopoldville S.T. Meridian 30E00 adopted by eastern provinces of Castermansville, Elizabethville, Lusambo, Stanleyville		
		<i>No Daylight Saving Time</i>	

BELGIQUE See Belgium

BELGIUM

Kingdom in western Europe
Capital: Brussels 50N51 4E21

1582 12/25	10 days were dropped from Julian Calendar		
1583 1/5	Adopted Gregorian Calendar; first day was 2/21/1583		
1880	Local Mean Time of Brussels 4E21		

1892 5/1 noon Adopted S.T. Meridian 0E00
 *1914 8/23 0 hr Meridian shift to 15E00
 1918 9/16 0 hr Meridian shift to 0E00
 *1940 5/20 3:00 a.m. Meridian shift to 15E00
 1946 10/1 2:00 a.m. Meridian shift to 0E00
 1953 Adopted S.T. Meridian 15E00

*Zone shifts were sometimes ignored in rural areas, especially during the Occupation.

Daylight Saving Time

1916 4/30 11:00 p.m.-10/1 1:00 a.m.	1938 3/27 2:00 a.m.-10/2 2:00 a.m.
1917 4/16 2:00 a.m.-9/17 3:00 a.m.	1939 4/16 2:00 a.m.-11/19 0 hr
1918 4/15 2:00 a.m.-9/16 3:00 a.m.	1940 2/24 11:00 p.m.-5/19 3:00 a.m.
1919 3/1 11:00 p.m.-10/5 0 hr	1940 5/19-1942 11/2 3:00 a.m.
1920 2/14 11:00 p.m.-10/24 0 hr	1943 3/29 2:00 a.m.-10/4 3:00 a.m.
1921 3/14 11:00 p.m.-10/26 0 hr	1944 4/3 2:00 a.m.-9/17 3:00 a.m.
1922 3/25 11:00 p.m.-10/8 0 hr	1945 4/2 2:00 a.m.-9/16 3:00 a.m.
1923 4/21 11:00 p.m.-10/7 0 hr	1946 5/19 2:00 a.m.-10/7 3:00 a.m.
1924 3/29 11:00 p.m.-10/5 0 hr	1977 4/3 2:00 a.m.-9/24 3:00 a.m.
1925 4/4 11:00 p.m.-10/4 0 hr	1978 4/2-9/30
1926 4/17 11:00 p.m.-10/3 0 hr	1979 4/1-9/29
1927 4/9 11:00 p.m.-10/1 3:00 a.m.	1980 4/6-9/27
1928 4/14 11:00 p.m.-10/7 3:00 a.m.	1981 3/29-9/26
1929 4/21 2:00 a.m.-10/6 3:00 a.m.	1982 3/28-9/25
1930 4/13 2:00 a.m.-10/5 3:00 a.m.	1983 3/27-9/24
1931 4/19 2:00 a.m.-10/7 3:00 a.m.	1984 3/28-9/23
1932 4/17 2:00 a.m.-10/2 3:00 a.m.	1985 3/31-9/28
1933 3/26 2:00 a.m.-10/8 3:00 a.m.	1986 3/30-9/28
1934 4/8 2:00 a.m.-10/7 3:00 a.m.	1987 3/29-9/29
1935 3/31 2:00 a.m.-10/6 2:00 a.m.	1988 3/27-9/25
1936 4/19 2:00 a.m.-10/4 3:00 a.m.	1989 3/26-9/24
1937 4/4 2:00 a.m.-10/3 2:00 a.m.	1990 4/1-9/30

BELIZE

British associate state on the east coast of Central America facing both the Caribbean Sea and Pacific Ocean.

Capital: Belmopan 17N15 88W47

To 1912 Local Mean Time

1912 4/1 S.T. Meridian 90W00

Daylight Saving Time perhaps the same as British Honduras

*Daylight Saving Time
(Add 1/2 hour for DST)*

1981 10/1-1982 2/13	1986 10/1-1989 2/8
1982 10/1-1983 2/12	1987 10/1-4/14
1983 10/1-1984 2/11	1988 10/1-1989 2/11
1984 10/1-1985 2/9	1989 10/1-1990 2/10
1985 10/1-1986 2/8	1990 10/1-1991 2/9

BELUCHISTAN See India

BENADIR See Italian East Africa

BENGAL NATION See Bangladesh

BENIN See also Dahomey

Former overseas territory in French West Africa; became independent August 1, 1960.

Capitals: Porto Novo 6N29 2E37; Cotonou 6N27 2E27

S.T. Meridian 0E00

BENKOELEN See Netherlands East Indies

BERMUDA

British colony in North Atlantic

Capital: Hamilton 32N18 64W47

To 1930 Local Mean Time
1930 1/1 2:00 a.m. Adopted S.T. Meridian 60W00

	<i>Daylight Saving Time</i>	
1978 9/30-10/29	1983 4/29-10/27	1988 4/3-10/30
1979 4/29-10/28	1984 4/28-10/26	1989 4/2-10/29
1980 4/27-10/26	1985 4/28-10/27	1990 4/1-10/28
1981 4/26-10/24	1986 4/27-10/26	
1982 4/25-10/30	1987 4/5-10/25	

BESSARABIA See Romania

BHUTAN

Buddhist kingdom in eastern Himalayas
Capital: Thimphu 27N37 89E52

Local Mean Time in use; however, India designated S.T. Meridian as 82E30

BIKINI See South Sea Mandated Territories

BILLITON ISLAND See Netherlands East Indies

BIRMANIE See Myanma

BISMARCK ARCHIPELAGO See New Guinea

BOEHMEN See Czechoslovakia

BOHEMIA See Czechoslovakia

BOLIVIA

Republic in South America

Capital: Legal capital is where the Supreme Court meets in Sucre 19S03 65W17; rest of government located in La Paz 16S30 68W09

To 1932	Local Mean Time of La Paz 68W09
1932 3/21 0 hr	Adopted S.T. Meridian 60W00
	<i>Daylight Saving Time</i>

1931 10/15 0 hr-1932 3/21 0 hr

BONAIRE

An island in the Netherlands Antilles
Capital: Kralendijk 12N10 68W17

1912 2/2	Local Mean Time of Kralendijk 68W17
1965 1/1 0 hr	S.T. Meridian 60W00
	<i>No Daylight Saving Time</i>

BONIN ISLANDS See Japan

BORNEO See Netherlands East Indies and British North Borneo

BORNEO BRITANNIQUE See British North Borneo

BORNEO HOLLANDAISE See Netherlands East Indies

BOSNIA See Yugoslavia

BOTSWANA

Former British protectorate (Bechuanaland) in South Africa; became independent republic September 30, 1966.

Capital: Gaborone 21S13 27E31

S.T. Meridian 30E00

No Daylight Saving Time

BRAZIL

Republic in South America

Capital: Brasilia 22S54 43W15 (formerly Rio de Janeiro)

To 1914	Local Mean Time
1914 1/1 0 hr	Territory divided into four time zones

- Zone 1* Adopted S.T. Meridian 30W00
Fernando Noronha (a penal settlement) and Isle de Trindade (virtually uninhabited)
- Zone 2* Adopted S.T. Meridian 45W00
Most inhabited zone; contains Federal District (Brasilia)
- | | |
|---|----------------------------------|
| Bahala (Alagoas) | Pernambuco |
| Ceara | Piaui |
| Espirito Santo | Rio de Janeiro |
| Goloz | Rio Grande de Sul (Porte Alegre) |
| Maranhao (Sao Luiz) | Rio Grande de Norte |
| Minas Gerais | Sao Paulo |
| Pora (east of Pecuari, Jari and Xingu Rivers) | Santa Catarina |
| Parana | Serggipe |
| Paraibo | |
- Zone 3* Adopted S.T. Meridian 60W00
Amazonas (east of a great circle joining Tabatinga to Porto Acre and including those two towns),
Mato Grosso, Poro west of the Pecuari, Jari and Xingu Rivers
- Zone 4* Adopted S.T. Meridian 75W00
Part of Amazonas not included in Zone 3 and territory of Acre

1943 10/1 Surrounding territory taken in and divided into federal territories, viz: Amapa (previously part of Eastern Pora), Rio Branco (Previously part of Eastern Amazonas) Guappore (previously part of Eastern Amazonas and Mato Grosso), Ponta Pora (previously part of Mato Gross), Fernando Noronha and Iguassu (previously parts of Prana and Santo Catarina); most of these areas are uninhabited

1946 Territories of Iguassu and Ponta Pora restored to original states

*Daylight Saving Time
(Not observed in Zone 1)*

1931 10/3 1:00 a.m.-1932 4/1 0 hr	1965 11/30-1966 3/31
1932 10/3 0 hr-1933 3/31 0 hr (except Maranhao)	1966 11/1-1967 3/1
1933-1948 same dates as above	1967 11/1-1968 3/1
1949 12/1 0 hr-1950 4/16 0 hr	1968 11/1-1969 3/1
1950 12/1 0 hr-1951 3/31 0 hr	1986 10/25-1987 2/14
1951 12/1 0 hr-1952 3/31 0 hr	1987 10/25-1988 2/7
1952 12/1 0 hr-1953 4/1 0 hr	1988 10/16-1989 1/29 (1)
1953 12/1-1954 2/28	1989 10/15-1990 2/11 (2)
1963 10/23-1964 12/8*	1990 10/21-1991 2/17 (2)
1964 12/9-1965 3/1	

*Observed in these states only: Sao Paulo, Rio de Janeiro, Guanabara, Minas Gerais and Espirito Santo.

(1) Except in the states of Acre, Amapa, Para, Roraima and Rodonia.

(2) Only in the states of Sao Puala, Rio de Janeiro, Guanabara, Minas Gerais, Espirito Santo, Rio Grande de Sol, Santa Catarino. Prana, Goias, Tocantins, Mato Grosso de Sol, Mato Grosso, Bahai, Sergipe, Alagoas, Pernambuco, Paraiba, Rio Grande de Horte, Ceara, Piao e Naranhao, Federal District and Ilhas Oceanicas.

BRAZZAVILLE See Congo (Brazzaville)

BRESIL See Brazil

BRITISH AFRICA See Union of South Africa

BRITISH BECHUANALAND See Union of South Africa and Botswana

BRITISH CAMEROONS See Cameroon

BRITISH CENTRAL AFRICA PROTECTORATE See Nyasaland

BRITISH EAST AFRICA See Kenya, Uganda and Zanzibar

BRITISH GUIANA (See also Guyana)

Former British colony in South America

Capital: Georgetown 6N48 58W10

To 1915 Local Mean Time of Georgetown 56W10
1915 3/1 S.T. Meridian 56W15
No Daylight Saving Time

BRITISH HONDURAS

British Crown Colony on east coast of Central America

Capital: Belize 17N30 88W12

To 1912 Local Mean Time
1912 4/1 Adopted S.T. Meridian 90W00
Daylight Saving Time
(Changes at 0 hr)

Not observed in Puertos Cortes; rest of area 30 minutes only.

1918 10/6-1919 2/12	1928 10/7-1929 2/10	1938 10/9-1939 2/12
1919 10/5-1920 2/13	1929 10/6-1930 2/9	1939 10/8-1940 2/11
1920 10/3-1921 2/13	1930 10/5-1931 2/15	1940 10/6-1941 2/9
1921 10/2-1922 2/12	1931 10/4-1932 2/14	1941 10/5-1942 2/15
1922 10/8-1923 2/11	1932 10/2-1933 2/12	1942 10/4-1943 2/14
1923 10/7-1924 2/10	1933 10/8-1934 2/11	1977 10/1-1978 2/11
1924 10/5-1925 2/15	1934 10/7-1935 2/10	1978 10/1-1979 2/10
1925 10/4-1926 2/14	1935 10/6-1936 2/12	1979 10/1-1980 2/9
1926 10/3-1927 2/13	1936 10/4-1937 2/14	1980 10/1-1981 2/14
1927 10/2-1928 2/12	1937 10/3-1938 2/13	

BRITISH INDIA See India

BRITISH LEEWARD ISLANDS See Leeward Islands

BRITISH MALAYA See Malaya

BRITISH NEW GUINEA See Papua

BRITISH NORTH BORNEO

British protected state in East Indies

Capital: Sandakan 5N50 118E07

1904 October Adopted S.T. Meridian 120E00
1946 Labuan (see Malaya) incorporated into British North Borneo
No Daylight Saving Time

BRITISH SAMOA See Western Samoa

BRITISH SOLOMON ISLANDS

British protectorate in South Pacific

Capital: Tulagi 9S05 160E09

S.T. Meridian 165E00
No Daylight Saving Time

BRITISH SOMALILAND See Somalia

BRITISH TOGOLAND See Gold Coast

BRITISH VIRGIN ISLANDS See Virgin Islands

BRITISH WEST INDIES See Bahamas, Barbados, Jamaica, Leeward Islands, Trinidad and Tobago, Windward Islands

BRUNEI

British protectorate on Borneo

Capital: Brunei 4N54 114E57

S.T. Meridian 120E00

BUKOVINA See Romania

BULGARIA

Republic in southeast Europe; came under German control in November 1940; 1944, withdrew from World War II, USSR refused to recognize neutrality

Capital: Sofia 42N42 23E20

1915 11/13	Adopted Gregorian Calendar
To 1894	Local Mean Time of Santa Sophia Cathedral in Istanbul 28E58
1894 11/30	Adopted S.T. Meridian 30E00
1942 11/2 3:00 a.m.	S.T. Meridian 15E00
1945 4/2 3:00 a.m.	S.T. Meridian 30E00

Daylight Saving Time

1919-1920	Used by railroads, not populace	1983 4/3-9/24
1921-1942	Not observed	1984 4/1-9/29
1943 3/29 2:00 a.m.-10/4 3:00 a.m.		1985 4/7-9/28
1944 4/3 2:00 a.m.-10/8 0 hr		1986 3/30-9/28
1979 4/1-9/29		1987 3/29-9/27
1980 4/1-9/27		1988 3/27-9/25
1981 4/5-9/26		1989 3/26-9/24
1982 4/4-9/25		1990 3/25-9/30

BURGENLAND See Austria

BURMA See Myanmar

BURUNDI

Kingdom in east central Africa; formerly southern part of Belgian Congo; became independent July 1, 1962

Capital: Bujumbura 3S24 29E21

S.T. Meridian 30E00

No Daylight Saving Time

BURYAT-MONGOL See Soviet Union

BYELORUSSIAN S.S.R. See Soviet Union

CABRERO See Balearic Islands

CAICOS ISLANDS See Jamaica

CAMBODIA See also French Indo-China

Former French protectorate in Southeast Asia; became independent November 9, 1953; changed name to Khmer Republic, October 1970

Capital Phnom Penh 11N33 104E52

1906 6/9	Local Mean Time 106E35
1911 3/11 0:01 a.m.	S.T. Meridian 105E00
1012 5/1	S.T. Meridian 120E00
1931 5/1	S.T. Meridian 105E00

No Daylight Saving Time

CAMEROON, FEDERAL REPUBLIC OF

Former French and British Cameroons in West Africa; became independent January 1, 1960; the northern section (British) section united with Nigeria October 1, 1961

Capital: Yaounde 3N51 11E32

To 1912	Local Mean Time
1912 1/1	Adopted S.T. Meridian 15E00

No Daylight Saving Time

CANARY ISLANDS

Spanish possession in North Atlantic, including Fuerteventura, Gomera, Grand Canary, Hierro, Lanzarote, Palma, Tenerife

Capital: Santa Cruz de Tenerife 28N28 16W15

1901 1/1	S.T. Meridian 15W00
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1927 Divided into two provinces, Santa Cruz de Tenerife and Las Palmas
 1940s S.T. Meridian 0W00
Daylight Saving Time
 1978 4/2-9/30 1980 3/30-9/28
 1979 4/1-9/29 DST same as Spain

CANBERRA See Australia

CANTON ISLAND See Gilbert Islands

CAPE COLONY PROVINCE See Union of South Africa

CAPE OF GOOD HOPE See Union of South Africa

CAPE VERDE ISLANDS

Former Portuguese colony in North Atlantic; became independent July 5, 1975
 Capital: Praia 14N56 23W31

1912 1/1 Adopted S.T. Meridian 30W00
Daylight Saving Time
(Begins 1:00 a.m., ends 0 hour)

1981 3/28-9/26	1985 3/23-9/28	1989 3/26-9/24
1982 3/27-9/25	1986 3/30-9/28	1990 3/25-9/30
1983 3/26-9/24	1987 3/29-9/27	
1984 3/24-9/29	1988 3/27-9/25	

CAROLINES See South Sea Mandated Territories

CARRIACOU ISLAND See Grenada

CATALONIA Same as Spain

CAYMAN ISLANDS See Jamaica

CELEBES See Netherlands East Indies

CENTRAL AFRICAN PROTECTORATE See Nyasaland

CENTRAL AFRICAN REPUBLIC

Formerly part of French Equatorial Africa; became independent August 13, 1960
 Capital: Bangui 4N21 18E35

1912 1/1 Adopted S.T. Meridian 15E00
No Daylight Saving Time

CERAM ISLAND See Netherlands East Indies

CESKOSLOVENSKA See Czechoslovakia

CEUTA See Spain

CEYLON

Former British Crown Colony in Asia; became independent February 4, 1948; became Republic of Sri Lanka May 22, 1972

Capital: Columbo 6N57 79E53

To 1906 Local Mean Time of Columbo 79E53
 1906 1/1 Adopted S.T. Meridian 82E30
Daylight Saving Time Observed

1942 1/5 Time advanced 30 minutes
 1942 9/1 Time advanced 30 minutes (making one hour)
 1945 10/16 2:00 a.m. Returned to Standard Time

CHAD

Formerly part of French Equatorial Africa; became independent August 11, 1960
 Capital: Ndjamena 12N07 15E03

1912 1/1 Adopted S.T. Meridian 15E00
Daylight Saving Time

1979 10/14-1980 3/8

CHAGOS ISLAND

British possession in Indian Ocean
 1907 1/1 Adopted S.T. Meridian 75E00
No Daylight Saving Time

CHANDERNAGOR See French Establishments in India

CHANNEL ISLANDS See Great Britain

CHATHAM ISLANDS

Dependency of New Zealand located about 400 miles east of the South Island

Capital: Waitangi 43S57 176E34
 Through 1945 S.T. Meridian 172E30
 1946 1/18 Adopted S.T. Meridian 180E11:15, which is 45 minutes in advance of New Zealand Standard Time (180E). Even though this appears to cross the international dateline, it is used to calculate the hours east of Greenwich.
Daylight Savings Time
 Observed on the same dates as New Zealand

CHEKIANG See China

CHESTERFIELD ISLANDS See New Caledonia

CHILE

Republic in South America

Capital: Santiago 33S27 70W40

To 1910 Local Mean Time of Santiago 70W40
 1910 1/1 Adopted S.T. Meridian 75W00
 1932 9/1 0 hr Adopted S.T. Meridian 60W00
Daylight Saving Time Observed
(Changes at 0 hr)

Santiago

1918 9/1-1919 7/2	1929 9/1-1930 4/1	1978 10/15-1979 3/10
1920-1926 Not observed	1930 9/1-1931 4/1	1979 10/14-1980 3/8
1927 9/1-1928 4/1	1931 9/1-1932 4/1	
1928 9/1-1929 4/1	1977 10/9-1978 3/11	

Valparaiso

1931 9/1-1932 4/1	1984 10/14-1985 3/9	1988 10/9-1989 3/11
1981 10/11-1982 3/13	1985 10/13-1986 3/8	1989 10/8-1990 3/10
1982 10/10-1983 2/12	1986 10/12-1987 3/14	1990 10/14-1991 3/9
1983 10/9-1984 3/10	1987 10/11-1988 3/12	

CHINA, PEOPLE'S REPUBLIC OF

Located in the eastern part of Asia, occupying five time zones, Republic of China was founded January 1, 1912; name changed to People's Republic of China September 21, 1949; country composed of 22 provinces, five autonomous regions and three municipalities

Capital: Peking 39N36 116E24

<i>Province</i>	<i>Capital</i>	<i>Latitude</i>	<i>Longitude</i>
Anhwei	Hofei	31N54	117E18
Chekiang	Hangchow	30N17	120E10
Fukien	Foochow	26N05	119E19
Heilungkiang	Harbin	45N47	126E39
Honan	Chengchow	34N48	113E39
Hopei	Tientsin	39N08	117E12
Hunan	Changsha	28N12	112E59
Hupei	Wuhan	30N23	114E54
Kansu	Lanchow	36N03	103E41
Kiangsi	Nanchang	28N40	115E53
Kiangsu	Nanking	32N03	118E48
Kirin	Changchun	43N54	125E20
Kwantung	Canton	23N07	113E16

Kweichow	Kweiyang	26N35	106E13
Liaoning	Mukden	41N48	113E26
Shansi	Taiyuen	37N55	112E30
Shantung	Tsinan	36N40	116E57
Shensi	Sian	34N16	108E34
Szechwan	Chengtu	30N40	104E04
Taiwan (see also Taiwan)	T'aipei	25N00	121E40
Tsinghai	Sining	36N37	101E49
Yunnan	Kunming	25N04	102E41

Autonomous Regions

Inner Mongolia	Huhehot	40N51	111E40
Kwangsi-Chuang	Nanning	28N48	108E18
Ningsia-Hui	Yinchuan	38N30	106E18
Sinkiang-Uighur	Urumchi	43N48	87E36
Tibet-Chamdo	Lhasa	29N43	91E11

Municipalities

Peking		39N36	116E24
Shanghai		31N14	121E30
Tientsin		39N08	117E12

1912 2/12

1903 1/1

1904 10/30

1904 12/1

1905 8/1

1905 8/1

1928

Adopted Gregorian Calendar; Republic of China founded

S.T. Meridian 120E00 observed on east coast only in principal cities such as Tientsin; no Standard Time observed in interior of China until 1928; even after that year, sundials continued in use in the interior; in later years, time was telegraphed once a day to the interior, and in some places a gun was fired at noon

Canton, Hong Kong, Kongmoon, Macau, Swatow, Samshui, Wechow adopted S.T. Meridian 120E00

Chosen (now Korea), Manchuria adopted S.T. Meridian 135E00

Shanghai, Shantung (Chinese customs only) adopted S.T. Meridian 120E00

Hoichow, Lungchow, Pakoi adopted S.T. Meridian 105E00

China divided into five time zones as follows:

<i>Chang Pe Zone 1</i>	<i>127E30 to 120E00</i>	<i>S.T. Meridian 127E30</i>
Chekiang	Kirin	Taiwan
Chosen	Manchuria	
Heilungkiang	Shanghai	

<i>Chung Yuau Zone 2</i>	<i>120E00 to 105E00</i>	<i>S.T. Meridian 120E00</i>
Anhui	Kiangsi	Inner Mongolia
Chekiang	Kiangsu	Kwangsi-Chuang
Fukien	Kweichow	Ningsia-Hui
Honan	Liaoning	Pechili
Hopei	Shansi	Peking
Hunan	Shantung	Tientsin
Hupei	Shensi	

<i>Lung Shu Zone 3</i>	<i>105E00 to 90E00</i>	<i>S.T. Meridian 105E00</i>
Hainan Islands	Suchwan	Tibet-Chamdo
Kansu	Szechwan	Tsinghai
Kwangtung (except Yatung)		Yunan

<i>Hui Chang Zone 4</i>	<i>90E00 to 82E30</i>	<i>S.T. Meridian 90E00</i>
Sinkiang-Uighur	Yatung	
<i>Kunlun Zone 5</i>	<i>82E30 to Eastward</i>	<i>S.T. Meridian 82E30</i>
Sinkiang	Tibet	

1932 3/1 10:00 a.m.

1932 3/1 10:00 a.m.

Chosen adopted S.T. Meridian 135E00

Heilungkiang, Jehol, Kiangsu, Kirin, Liaoning, Manchuria adopted S.T. Meridian 120E00

Daylight Saving Time Observed

1940 6/3	Observed by International Settlement and French Concession in Shanghai
1941 3/16 0 hr	Observed in Shanghai and Central China (including Hankow, Hangchoo, Nanking and Soochow)
1960-1977	Not observed

CHINA, REPUBLIC OF See Taiwan

CHINESE TURKESTAN See China

CHOSEN See Korea

CHUNG-HUA MIN-KUO See China

CHUVASH S.S.R. See Soviet Union

CHYPRE See Cyprus

COLUMBIA

Republic in South America

Capital: Bogota 4N40 74W05

1884 3/13 U.S. placed country on S.T. Meridian 75W00, but Local Mean Time of Bogota was used, 74W05

1914 11/23 Adopted S.T. Meridian 75W00
No Daylight Saving Time

COMORO ISLANDS

Former French mandate in Indian Ocean; became independent July 6, 1975

Capital: Moronia 11S41 43E16

1911 7/1 Adopted S.T. Meridian 45E00
No Daylight Saving Time

CONFEDERATION SUISSE See Switzerland

CONGO

Former Belgian Congo and French Equatorial Africa

1912 1/1 Adopted S.T. Meridian 15E00

1935 6/1 Belgian Congo divided its provinces into two zones:
S.T. Meridian 15E00 adopted by western provinces Coquilhatville and Leopoldville

S.T. Meridian 30E00 adopted by eastern provinces Costermansville, Elizabethville, Lusambo and Stanleyville

1960 (after) See Congo (Brazzaville) and Congo (Kinshasa)
No Daylight Saving Time

CONGO (Brazzaville)

Became independent August 15, 1960

Capital: Brazzaville 4S17 15E14

Observes S.T. Meridian 15E00
No Daylight Saving Time

CONGO (Kinshasa)

Became independent June 30, 1960

Capital: Kinshasa 4S19 15E18

Observes S.T. Meridian 15E00
No Daylight Saving Time

CONGO BELGE See Belgian Congo

CONGO MOYEN See Congo (Brazzaville)

CONGRESS POLAND See Poland

COOK ISLANDS

Dependency of New Zealand in South Pacific

Capital: Avarua 21S12 159W46

Observes S.T. Meridian 157W30

<i>Daylight Saving Time</i>		
1979 10/7-1980 3/30	1984 10/28-1985 3/2	1988 10/30-1989 3/4
1981 10/25-1982 3/6	1985 10/27-1986 3/1	1989 10/27-1990 3/3
1982 10/31-1983 3/5	1986 10/26-1987 3/17	1990 10/28-1991 3/2
1983 10/30-1984 3/3	1987 10/25-1988 3/5	

COREE See Korea

CORSICA See France

COSTA RICA

Republic in Central America

Capital: San Jose 9N56 84W05

To 1921 Local Mean Time of San Jose 84W05
1921 1/15 Adopted S.T. Meridian 90W00

Daylight Saving Time

1979 2/25-?

1980 2/24-6/1

COTE D'IVOIRE See French West Africa

COTE D'OR See Gold Coast Colony

COTE FRANCAISE DES SOMALIS See French Somaliland

CRETE See Greece

CRIMEA See Soviet Union

CROATIA

Independence from Yugoslavia, June 25, 1991, 7:55 p.m. Summer Time (Zone 2) 45N48 15E58

CUBA

Republic located in Greater Antilles

Capital: Havana (Habana) 23N08 82W24

To 1925 Local Mean Time of Havana 82W24
1925 7/19 Noon Adopted S.T. Meridian 75W00

Daylight Saving Time
(Changes at 0 hr)

1928 6/10-10/10	1970 4/26-10/25	1981 5/10-10/10
1929-1939 Not observed	1971 4/25-10/30	1982 5/9-10/9
1940 6/2-9/1	1972 4/30-10/8	1983 5/8-10/8
1941 6/1-9/7	1973 4/29-10/8	1984 5/13-10/13
1942 6/7-9/6	1974 4/28-10/8	1985 5/12-10/12
1943-1964 Not observed	1975 4/27-10/26	1986 3/16-10/11
1965 6/1-9/30	1976 4/25-10/31	1987 3/15-10/10
1966 5/29-10/2	1977 4/24-10/30	1988 3/20-10/8
1967 4/8-9/10	1978 5/7-10/8	1989 3/19-10/7
1968 4/14-9/8	1979 3/18-10/14	1990 3/18-10/6
1969 4/27-10/26	1980 3/16-10/12	

CURACAO

Islands off the coast of Venezuela in the Netherlands Antilles

1912 2/12 S.T. Meridian 67W30

1965 1/1 0 hr S.T. Meridian 60W00

No Daylight Saving Time

CYPRUS

Former British possession in Mediterranean; now Republic of Cyprus; became independent August 16, 1960

Capital: Nicosia 35N12 33E22

1921 11/24 S.T. Meridian 30E00

Daylight Saving Time

1981 3/29-9/26

1985 3/31-9/28

1989 3/26-9/24

1982 3/28-9/25
1983 3/27-9/24
1984 3/25-9/29

1986 3/30-9/28
1987 3/29-9/27
1988 3/27-9/25

1990 3/25-9/30

CYROT-TURA AREA See Soviet Union

CZECHOSLOVAKIA

Republic in central Europe

Capital: Prague 50N05 14E26

To 1891 Local Mean Time of Prague 14E26
1891 10/1 Adopted S.T. Meridian 15E00

Daylight Saving Time

1916 4/30 11:00 p.m.-10/1 1:00 a.m.
1917 4/16 2:00 a.m.-9/17 3:00 a.m.
1918 4/15 2:00 a.m.-9/16 3:00 a.m.
1919-1939 Not observed
1940 4/1 2:00 a.m.-1942 11/2 3:00 a.m.
1943 3/29 2:00 a.m.-10/4 3:00 a.m.
1944 4/3 2:00 a.m.-10/2 3:00 a.m.
1945 4/2 2:00 a.m.-1946 11/18 3:00 a.m.
1979 3/30-9/27
1980 3/30-9/27

1981 3/29 0 hr-9/27 1:00 a.m.
1982 3/28 0 hr-9/26 1:00 a.m.
1983 3/27 0 hr-9/25 1:00 a.m.
1984 3/25 0 hr-9/30 1:00 a.m.
1985 3/31 0 hr-9/29 1:00 a.m.
1986 3/30 0 hr-9/28 1:00 a.m.
1987 3/29 0 hr-9/27 1:00 a.m.
1988 3/27 0 hr-9/25 1:00 a.m.
1989 3/26 0 hr-9/24 1:00 a.m.
1990 3/25 0 hr-9/30 1:00 a.m.

DAHOMY

Formerly a province in French Equatorial Africa (Soudan); became independent August 1, 1960; in 1961, Sao Joao Batista de Ajuda, former Portuguese Overseas Territory, united with Dahomey; changed name to Republic of Benin

Capital: Porto Novo 6N29 2E37

1912 1/1 0 hr Adopted S.T. Meridian 0E00
1934 2/26 0 hr Adopted S.T. Meridian 15E00

No Daylight Saving Time

DAITO ISLANDS See Japan

DALMATIA See Yugoslavia

DAMAN See Portuguese India

DAMARALAND See Union of South Africa

DANEMARK See Denmark

DANGER ISLANDS

Dependency of New Zealand in South Pacific

Capital: Pukapuka 10S53 165W49

S.T. Meridian 165W00

DANZIG

Seaport on the southern shore of the Baltic Sea

Capital: Danzig 54N21 18E39

1893 4/1 S.T. Meridian 15E00
1945 S.T. Meridian 30E00

No Daylight Saving Time

DARDANELLES See Turkey

DENMARK

Kingdom in northern Europe

Capital: Copenhagen 55N41 12E35

1582 10/15 (NS) Adopted Gregorian Calendar
To 1894 Local Mean Time
1894 1/1 Adopted S.T. Meridian 15E00

Daylight Saving Time Observed

1916 5/14 11:00 p.m.-10/1 0 hr 1985 3/31 2:00 a.m.-9/28 3:00 a.m.

1940-1945 Same as Germany
 1980 4/6 2:00 a.m.-9/28 3:00 a.m.
 1981 3/29 2:00 a.m.-9/26 3:00 a.m.
 1982 3/28 2:00 a.m.-9/25 3:00 a.m.
 1983 3/27 2:00 a.m.-9/24 3:00 a.m.
 1984 3/28 2:00 a.m.-9/23 3:00 a.m.

1986 3/30 2:00 a.m.-9/28 3:00 a.m.
 1987 3/29 2:00 a.m.-9/27 3:00 a.m.
 1988 3/27 2:00 a.m.-9/25 3:00 a.m.
 1989 3/26 2:00 a.m.-9/24 3:00 a.m.
 1990 3/25 2:00 a.m.-9/30 3:00 a.m.

DEUTSCHLAND See Germany

DIGUEL See Netherlands East Indies

DINDINGS See Malaya

DIU See Portuguese India

DJAWA See Java

DJIBOUTI

Formerly French Somaliland in East Africa, situated at the Bab el Mandeb at the mouth of the Red Sea; became independent June 27, 1977

Capital: Djibouti 11N36 43E07

S.T. Meridian 45E00

DOBRUDJA See Romania

DODECANESE ISLANDS See Greece

DOMINICA

A British associate state in the Windward Islands

Capital: Roseau 15N18 61W24

To 1911 Local Mean Time
 1911 7/1 0:01 a.m. S.T. Meridian 60W00

No Daylight Saving Time

DOMINICAN REPUBLIC

Located in the Greater Antilles

Capital: Santo Domingo 18S29 69W53

To 1933 Adoption date unconfirmed, S.T. Meridian 70W00
 1933 4/1 Noon Adopted S.T. Meridian 75W00

Daylight Saving Time

Add one hour:	1981 10/25-1982 1/21
1966 10/30-1967 2/28	1982 10/24-1983 1/21
Add 30 minutes:	1983 10/23-1984 1/21
1969 10/26-1970 2/21	1984 10/28-1985 1/21
1970 10/25-1971 1/20	1985 10/27-1986 1/21
1971 10/31-1972 1/21	1986 10/26-1987 1/21
1972 10/29-1973 1/21	1987 10/25-1988 1/21
1973 10/27-1974 1/21	1988 10/30-1989 1/21
1974 10/27-1975 1/21	1989 10/29-1990 1/21
1975 10/26-1976 1/21	1990 10/28-1991 1/21
1976 10/31-1977 1/21	

DUTCH EAST INDIES See Netherlands East Indies

DUTCH GUIANA See Surinam

DUTCHLAND See Netherlands

DUTCH WEST INDIES See Netherlands West Indies

EAST AFRICAN PROTECTORATE See Kenya

EASTER ISLAND

Chilean possession in South Atlantic

Capital: Hanga Roa 27S09 109W26

S.T. Meridian 105W00

Daylight Saving Time

1977 10/9-1978 3/11	1984 10/12-1985 3/9
1978 10/15-1979 3/10	1985 10/13-1986 3/8
1979 10/14-1980 3/9	1986 10/26-1987 3/7
1980 10/12-1981 3/8	1987 10/25-1988 3/12
1981 10/11-1982 3/13	1988 10/30-1989 3/11
1982 10/10-1983 3/12	1989 10/29-1990 3/10
1983 10/13-1984 3/9	1990 10/28-1991 3/9

EASTERN NIGER See Niger

EAST GERMANY See Germany, East

EAST PAKISTAN See Bangladesh and Pakistan

EAST PRUSSIA See Germany, Poland and Soviet Union (USSR)

ECOSSE See Great Britain (Scotland)

ECUADOR

Republic in South America

Capital: Quito 0S13 78W30

Formerly observed Local Mean Time of Quito 78W30

By 1931, observed S.T. Meridian 75W00 (adoption date uncertain)

No Daylight Saving Time

EGYPT

Formerly a kingdom; now a republic in Africa

Capital: Cairo 30N03 31E15

1900 10/1 S.T. Meridian 30E00

Daylight Saving Time

To 1939 No DST

1940-1945 Observed DST each year, perhaps 4/15-9/5 (unconfirmed)

1946-1959 No information

1960 5/1-9/30	1970 5/1-10/1	1984 5/1-9/30
1961 5/1-9/30	1971 5/1-10/1	1985 5/1-9/30
1962 5/1-9/30	1972 5/1-10/1	1986 5/1-9/30
1963 5/1-9/30	1973 5/1-10/1	1987 5/1-9/30
1964 5/1-9/30	1974 5/1-10/1	1988 5/1-9/30
1965 5/1-9/30	1975 5/1-10/1	1989 5/1-9/30
1966 5/1-9/30	1976 5/1-10/1	1990 5/1-9/30
1967 5/1-10/1	1977 5/1-10/1	1991-1994 5/1-9/30
1968 5/1-10/1	1981-1982 No DST	1994+ Last Friday in April (0 hr)
1969 5/1-10/1	1983 5/1-9/30	to last Friday in September (0 hr)

EGYPTIAN SUDAN See Anglo-Egyptian Sudan

EIRE (Ireland) See also Northern Ireland (Ulster) under Great Britain

Former free state in British Commonwealth located in Atlantic Ocean west of England

Capital: Dublin 53N20 6W15

1752 9/14	Adopted Gregorian Calendar (NS)
1880 1/1	Local Mean Time of Dublin 6W15
1916 10/1	Adopted S.T. Meridian 0W00
1937	Became an independent state
1942	Left the Commonwealth upon the declaration of the Republic of Ireland
1968 2/18 2:00 a.m.	Adopted S.T. Meridian 15E00
1972 11/1 0 hr	Reverted to S.T. Meridian 0W00

Daylight Saving Time Observed

Same dates as Great Britain except in 1945 when DST was continued through October 6, 1946

1981 3/29-10/24	1985 3/31-10/24	1989 3/26-10/29
1982 3/28-10/23	1986 3/30-10/26	1990 3/25-9/30
1983 3/25-10/27	1987 3/29-10/25	
1984 3/31-10/26	1988 3/27-10/30	

ELLICE, ELLIS ISLANDS See Tuvalu

EL SALVADOR

Republic in Central America

Capital: San Salvador 13N41 89W12

To 1921

Local Mean Time of San Salvador 89W12

1921 1/1

S.T. Meridian 90W00

No Daylight Saving Time

ELSASS-LOTHRINGEN See France or Germany

ENDERBURY ISLAND See Gilbert Islands

ENGLAND See Great Britain

ENIWETOK See South Seas Mandated Territories

EQUATEUR See Ecuador

EQUATORIAL GUINEA

Formerly Spanish Guinea in West Africa; Fernando PO and Rio Muni joined and became independent October 12, 1968

Capital: Malabo 3N45 8E47

1912 1/1

Adopted S.T. Meridian 0E00

No Daylight Saving Time

ERITREA

Former Italian colony in East Africa, now part of Ethiopia

Capital: Asmara 15N21 38E56

S.T. Meridian 45E00 since at least 1931; adoption date unconfirmed

No Daylight Saving Time

RYTHREE See Eritrea

ESPAGNE See Spain

ESPANA See Spain

ESTONIA

European republic

Capital: Tallinn 59N26 24E43

To 1921

Local Mean Time of Tallinn 24E43

1921 5/1

Adopted S.T. Meridian 30E00

1942-1944

Same as Germany

No Daylight Saving Time

ETABLISSEMENTS FRANCAISE DANS L'INDE See French Establishments in India

ETABLISSEMENTS FRANCAISE DE L'OCEANIE See French Polynesia

ETAH See Greenland

ETAT DE LA CITE DU VATICAN See Vatican City State

ETAT LIBRE D'IRLANDE See Eire

ETHIOPIA

Monarchy in East Africa; monarchy abolished March 21, 1975

Capital: Addis-Ababa 9N01 38E43

1890

Each province used the Local Mean Time of its capital

1936 5/5

S.T. Meridian 45E00

No Daylight Saving Time

FAEROE ISLANDS (Faroes)

Danish dependency in North Atlantic

Capital: Torshaven 62N01 6W45

To 1908

Local Mean Time

1908 1/11	Adopted S.T. Meridian 0W00	
	<i>Daylight Saving Time</i>	
1981 3/29-9/26	1985 3/22-9/27	1989 3/26-9/24
1982 3/28-9/25	1986 3/30-9/28	1990 3/25-9/29
1983 3/25-9/29	1987 3/29-9/27	
1984 3/21-9/28	1988 3/27-9/25	

FALKLAND ISLANDS AND DEPENDENCIES

British dependency in South Atlantic, including South Georgia and South Sandwich Islands
 Capital: Stanley 51S42 57W50

Falklands

To 1912 Local Mean Time of 57W50
 1912 3/12 S.T. Meridian 60W00

Daylight Saving Time
(All changes at 0 hr)

1937 9/26-1938 3/20	1942 9/27-1943 1/1	1986 9/15-1987 4/20
1938 9/25-1939 3/19	1981-1982 No DST	1987 9/14-1988 4/19
1939 10/1-1940 3/24	1983 9/25-1984 4/28	1988 9/13-1989 4/17
1940 9/29-1941 3/23	1984 9/16-1985 4/27	1989 9/18-1990 4/16
1941 9/28-1942 3/22	1985 9/29-1986 4/26	1990 9/17-1991 4/15

South Georgia

To 1912 Local Mean Time of 31W45
 1912 3/12 S.T. Meridian 30W00

Sandwich

To 1912 Local Mean Time of 31W45
 1912 3/12 S.T. Meridian 30W00

FANNING ISLAND See Gilbert Islands

FAROES ISLANDS See Faeroe Islands

FEDERAL REPUBLIC OF CAMEROON See Cameroon

FEDERATED MALAY STATES See Malaya

FEDERATION INDOCHINOISE See French Indo-China

FERNANDO DE NORONHA See Brazil

FERNANDO PO See Equatorial Guinea

FIJI ISLANDS

British dependency in the South Pacific
 Capital: Suva 18S09 178E26

To 1915 Local Mean Time of Suva 178E26
 1915 10/26 S.T. Meridian 180E00
No Daylight Saving Time

FINLAND

Republic in northern Europe
 Capital: Helsinki 60N09 24E58

To 1921 Local Mean Time of Helsinki 24E58
 1921 5/1 Adopted S.T. Meridian 30E00

Daylight Saving Time

1942 4/3-10/3 0 hr	1984 3/28-9/23	1988 3/27-9/25
1981 3/29-9/26	1985 3/31-9/28	1989 3/26-9/24
1982 3/28-9/25	1986 3/30-9/28	1990 3/25-9/30
1983 3/27-9/24	1987 3/29-9/27	

FLINDERS ISLAND

Northeast of Tasmania
 S.T. Meridian 150E00

No Daylight Saving Time

FLORES See Netherlands East Indies

FORMENTERA See Balearic Islands

FORMOSA See Taiwan Republic

FRANCE

Republic in western Europe

Capital: Paris 48N50 2E20 (Observatoire)

1582 12/20 24 hour (12/10 OS) adopted Gregorian Calendar
1793 11/24 Adopted Republic Calendar of France
1806 1/1 Reinstated Gregorian Calendar
To 1816 Local Mean Time
1816 Local Mean Time of Paris 2E20; although legalized, this time was used only by the government, not the people
1891 3/15 0:01 a.m. Local Mean Time of Paris 2E20 adopted throughout the country
1911 3/9 0 hr Adopted S.T. Meridian 0E00 (except Corsica Island, which continued on Local Mean Time of 0E35); however, they were so attached to the Parisian meridian that they took as lawful time the Local Mean Time of Paris
1945 9/16 3:00 a.m. Adopted S.T. Meridian 15E00
1966 9/4 France stopped changing its clock twice a year

Daylight Saving Time

(Begins 11:00 p.m.; ends 0 hr)

1916 6/14-10/2	1930 4/12-10/5	1979 4/1 1:00 a.m.-9/30 1 a.m.
1917 3/24-10/8	1931 4/18-10/4	1980 4/6 1:00 a.m.-9/26 1:00 a.m.
1918 3/9-10/7	1932 4/2-10/2	1981 3/29-9/26
1919 3/1-10/6	1933 3/25-10/8	1982 3/28-9/25
1920 2/14-10/26	1934 4/7-10/7	1983 3/25-9/29
1921 3/14-10/26	1935 3/30-10/6	1984 3/31-9/28
1922 3/25-10/8	1936 4/18-10/4	1985 3/31-9/27
1923 5/26-10/7	1937 4/3-10/3	1986 3/30-9/28
1924 3/29-10/5	1938 3/26-10/2	1987 3/29-9/27
1925 4/4-10/4	1939 4/15-11/19	1988 3/27-9/25
1926 4/17-10/3	1940 2/24-1945 9/16	1989 3/26-9/24
1927 4/9-10/2	1976 3/28 1:00 a.m.-9/26 0 a.m.	1990 3/25-9/30
1928 4/14-10/7	1977 4/3 1:00 a.m.-9/25 1:00 a.m.	
1929 4/20-10/6	1978 4/2 1:00 a.m.-10/1 1:00 a.m.	

Add 1 more hour for Double Summer Time

Occupied Zone

1940 6/16-1942 11/2 (3:00 a.m.)

Free Zone

1941 5/4-10/6

1942 3/8-11/2 (3:00 a.m.)

Both Zones

1943 3/29 2:00 a.m.-11/4 3:00 a.m.

1944 4/3 2:00 a.m.-10/8 1:00 a.m.

1945 4/2 2:00 a.m.-9/16 3:00 a.m.

1946-1975 Not observed

FRENCH CAMEROONS See Cameroon

FRENCH EQUATORIAL AFRICA (French Congo)

Formerly French Crown Colony; now Central African Republic and Chad (see both)

Capital: Brazzaville 4S17 15E14

1912 1/1 Adopted S.T. Meridian 15E00

No Daylight Saving Time

FRENCH ESTABLISHMENTS IN INDIA

French colony in Indian subcontinent, Chandennagor, Kirkal, Mahe, Pondicherry, Yanaon; they became part of India in 1952-54

Capital: Pondicherry 11N56 79E50

1911 7/18 Adopted S.T. Meridian 82E30

FRENCH ESTABLISHMENTS IN OCEANIA See French Polynesia

FRENCH GUIANA

French colony in South America; became French Overseas Department in 1947

Capital: Cayene 4N57 52W20

To 1911 Local Mean Time
1911 7/11 Adopted S.T. Meridian 60W00
No Daylight Saving Time

FRENCH GUINEA See Guinea

FRENCH INDIA See French Establishments in India

FRENCH INDO-CHINA See also Cambodia, Laos and Vietnam (formed by Annam, Cochin-China and Tonkin)
French Colony in Southeast Asia; Provinces—Annam, Cambodia, Cochin-China, Laos, Tonkin
Capital: Saigon, Cochin-China 10N47 106E41

1906 6/9 Local Mean Time of Phu-Lien observatory 106E35
1911 3/11 0:01 a.m. Annam and Cambodia adopted S.T. Meridian 105E00; Laos adopted 105E00,
used by government only; other provinces observed S.T. Meridian 120E00
1912 5/1 S.T. Meridian 120E00 nationwide
1931 5/1 S.T. Meridian 105E00 nationwide
No Daylight Saving Time

FRENCH LEEWARD ISLANDS See Leeward Islands

FRENCH MOROCCO

Formerly French Zone in North Africa; now part of Morocco
Capital: Rabat 34N01 6W51

To 1913 Local Mean Time
1913 10/26 S.T. Meridian 0W00
Daylight Savings Time

1939 9/12 0 hr-11/19 0 hr	1951-1966 Not observed
1940 2/25 0 hr-1945 11/18 0 hr year round	1967 6/3 Noon-10/1 0 hr
1946-1949 Not observed	1968-1973 Not observed
1950 6/11 0 hr-10/29 0 hr	1974 6/24 0 hr-9/1 0 hr (energy crisis)

FRENCH POLYNESIA

French territory in the South Pacific, including five archipelagos formed by many islands, including Society Islands, Marquesas Islands, Tuamotu Archipelago, Gambler Islands, Austral (Tubuai) Islands and Rapa Islands

Capital: Papeete, Tahiti 17S32 149W34

1912 10/1 S.T. Meridian 150W00
No Daylight Saving Time

FRNECH SOMALILAND

French colony in East Africa; on March 19, 1967, changed name to French Territory of Afars and Is-sas

Capital: Djibouti 11N36 43E07

To 1911 Local Mean Time of Djibouti 43E07
1911 7/1 Adopted S.T. Meridian 45E00
No Daylight Saving Time

FRNECH TOGOLAND See Togo

FRENCH WEST AFRICA (French Soudan)

Formerly French Colony in Africa
Capital: Dakar, Senegal 14N40 17W26

1912 1/1 Adopted S.T. Meridian 0W00
1934 2/26 Provinces assigned to three S.T. Meridians—0W00, 15W00, 15E00
Provinces
French Guinea Became independent October 2, 1958 (see Guinea)
1912 1/1 Adopted S.T. Meridian 15W00
1934 2/26 Adopted S.T. Meridian 0W00
Mauritania Became independent November 18, 1960 (see Mauritania)
1912 1/1 Adopted S.T. Meridian 0W00
1934 2/26 Adopted S.T. Meridian 15W00

1960	Adopted S.T. Meridian 0W00
<i>Senegal</i>	Became independent August 20, 1960 (see Senegal)
1912 1/1	Adopted S.T. Meridian 15W00
1941 6/1 0 hr	Adopted S.T. Meridian 0W00
<i>Soudan</i>	Became independent September 22, 1960 (see Mali)
1912 1/1	Adopted S.T. Meridian 0W00
1934 2/26	Adopted S.T. Meridian 15W00
1960	Adopted S.T. Meridian 0W00
<i>Dahomey</i>	Became independent August 1, 1960 (see Dahomey)
1912 1/1	Adopted S.T. Meridian 0E00
<i>Ivory Coast</i>	Became independent August 7, 1960 (see Ivory Coast)
1911 1/1	Adopted S.T. Meridian 0E00
1934 2/26	Adopted S.T. Meridian 15E00
<i>Western Niger</i>	Became independent August 3, 1960 (see Niger)
1912 1/1	Adopted S.T. Meridian 0E00
<i>Eastern Niger</i>	Became independent October 1, 1960 (See Niger)
1934 2/26	Adopted S.T. Meridian 15E00

No Daylight Saving Time

FRENCH WEST INDIES See Guadeloupe and Martinique

FRIENDLY ISLANDS See Tonga Islands

FRIESLAND See Netherlands

FUKIEN See China

FUNAFUTI ISLAND See Tuvalu

FUTUNA ISLAND See New Caledonia

GABON

Formerly part of French Equatorial Africa; became independent republic August 17, 1960
Capital: Libreville 0N23 9E26

1912 1/1	Adopted S.T. Meridian 15E00
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No Daylight Saving Time

GALAPAGOS ISLANDS (Archipelago of Columbus)

Territory of Ecuador in Pacific Ocean
Capital: San Cristobal 0S59 89W30

S.T. Meridian 75W00

No Daylight Saving Time

GALICIA PROVINCE See Poland or Spain

GAMBIA

Located in West Africa; formerly French Africa and British colony and protectorate; became independent February 18, 1965

Capital: Banjul 13N28 16W39

1912 1/1	Adopted S.T. Meridian 15W00
1918	Adopted S.T. Meridian 0W00
1933 4/1	Adopted S.T. Meridian 15W00
1963	Adopted S.T. Meridian 0W00

No Daylight Saving Time

GAMBIER ISLANDS See French Polynesia

GEORGIAN S.S.R. See Soviet Union

GERMAN EAST AFRICA See Belgian Congo and Tanganyika

GERMAN NEW GUINEA See New Guinea

GERMAN POLAND See Poland

GERMAN SAMOA See Western Samoa

GERMAN SOLOMON ISLANDS See New Guinea

GERMANY

European republic

Capital: Berlin 52N30 13E23

- 1583 10/16 (NS) Bavaria adopted Gregorian Calendar
1583 11/14 (NS) Catholics adopted Gregorian Calendar
1682 3/1 (NS) Strassburg adopted Gregorian Calendar
1699 11/15 (NS) Protestants adopted Gregorian Calendar
1700 12/12 (NS) Utrecht adopted Gregorian Calendar
To 1890 Local Mean Time
1890 7/30 Railroads began observing S.T. Meridian 15E00
1891 3/15-1892 3/31 Baden, Local Mean Time of Karlsruhe 8E24; Bavaria, local mean time of Munich 11E33; Rheinland-Pfalz, Local Mean Time of Ludwigshafen 8E26; Wurttemberg, Local Mean Time of Stuttgart 9E11
1891 6/1 Prussian railroads observing S.T. Meridian 15E00
1892 4/1 Southern Germany observing S.T. Meridian 15E00 (southern Germany included the four kingdoms and dukedoms listed above under 1891 3/15)
1893 4/1 All of Germany and Prussia observed S.T. Meridian 15E00

Daylight Saving Time

- 1916 4/30 11:00 p.m.-10/1 1:00 a.m.
1917 4/16 2:00 a.m.-9/17 3:00 a.m.
1918 4/15 2:00 a.m.-9/16 3:00 a.m.
1919 1/1 11:00 p.m. GMT
1919 3/1-10/6
1920 2/14-10/26
1921 3/14-10/26
1922 3/25-10/8
1927 4/9 11:00 p.m. returned to S.T. Meridian of 15E00
1940 4/1 2:00 a.m.-1942 11/2 3:00 a.m.
1943 3/29 2:00 a.m.-10/4 3:00 a.m.
1944 4/3 2:00 a.m.-10/2 3:00 a.m. (not 10/8 0h)
1945 4/2 2:00 a.m.-9/16 2:00 a.m. (West Zone)
1945 4/2 2:00 a.m.-11/18 2:00 a.m. (East Zone)
- 1919-1939 Not observed nationwide
French-occupied Rhine bridgeheads shifted to S.T. Meridian 0E00; these territories included Mainz, Koblenz, Cologne, Wiesbaden, Mannheim and their areas (check with local authorities), which observed DST as follows (begins 11:00 p.m., ends 0 hr):
10/23 5/26-10/7
1924 3/29-10/5
1925 4/4-10/4
1926 4/17-10/3

Note: Germany Double Summer Time from 5/24/45 to 9/23/45:

a) When Summer Time ended in the West Zone (West Germany) on 9/16/45, Berlin observed

Moscow Time—working time in businesses, shops, factories, theaters, etc.

b) In Berlin and Soviet occupied areas:

First, the few trains operating went by Moscow Time (German Double Summer Time). Authorized travelers reported that some cities adopted railroad time (German Double Summer Time); other cities adopted Standard Time of 15E00 and some cities used ordinary German Summer Time. For this reason, German Double Summer Time must be considered unreliable (check with local authorities).

In Leipzig the people used the ordinary German Summer Time. When Leipzig was evacuated by U.S. troops on 7/3/45 in exchange for West Berlin, Soviet troops moved in. They introduced Moscow Time for the railroad only. The railroad clock was advanced one hour.

In small cities in Saxonia, all the people adopted the time of the railroad clock, which showed German Double Summer Time.

c) Situation went back to normal only after 11/18/45.

1946 4/14 2:00 a.m.-10/7 3:00 a.m.

East Zone

1947 5/11 3:00 a.m.-6/29 3:00 a.m. (Double Summer Time, add one more hour)

1948 4/18 3:00 a.m.-10/3 3:00 a.m.

1949 4/10 3:00 a.m.-10/2 3:00 a.m.

West Zone

1947 4/6 2:00 a.m.-10/5 3:00 a.m.

1948 4/18 2:00 a.m.-10/3 3:00 a.m.

1949 4/10 2:00 a.m.-10/2 3:00 a.m.

1950 on, see Germany, East and Germany, West

GERMANY, EAST (see Germany)

German Democratic Republic formed October 7, 1949; East and West Germany reunited in the 1990s
 Capital: East Berlin 52N30 13E25

S.T. Meridian 15E00

Daylight Saving Time

1981 3/29-9/26	1985 3/31-9/27	1989 3/26-9/24
1982 3/28-9/25	1986 3/30-9/28	1990 3/25-9/30
1983 3/25-9/29	1987 3/29-9/27	
1984 3/31-9/28	1988 3/27-9/25	

GERMANY, WEST (see Germany)

Federal Republic formed May 23, 1949; East and West Germany reunited in the 1990s
 Capital: Bonn 50N44 7E05

S.T. Meridian 15E00

Daylight Saving Time

(Begins 2:00 a.m., ends 3:00 a.m.)

1980 4/6-9/28	1984 3/31-9/28	1988 3/27-9/25
1981 3/29-9/26	1985 3/31-9/27	1989 3/26-9/24
1982 3/28-9/25	1986 3/30-9/28	1990 3/25-9/30
1983 3/25-9/29	1987 3/29-9/27	

GHANA

Former British colonies Ashanti, British Togoland, Gold Coast and Northern Territory; became independent March 6, 1957, and a republic July 1, 1960

Capital: Accra 5N31 0W14

S.T. Meridian 0W00

No Daylight Saving Time

GIBRALTAR

British colony, peninsula in western Mediterranean

Capital: Gibraltar 36N09 5W21

S.T. Meridian 0W00

Daylight Saving Time

(same as Great Britain)

1981 No DST	1985 3/31-9/27	1989 3/26-9/24
1982 3/28-9/25	1986 3/30-9/28	1990 3/25-9/30
1983 3/25-9/29	1987 3/29-9/27	
1984 3/31-9/28	1988 3/27-9/25	

GILBERT ISLANDS

A group of islands in the South Pacific straddling the international dateline; some are U.S. possessions or claimed by the U.S., viz. Baker, Canton, Christmas, Enderbury, Howland, Hull (Orono); dependency granted self-government in 1971

Capital: Bairiki 1N20 173E01

Administrative Center: Tabiang, Ocean Island 0S53 169E35

S.T. Meridian 160W00—Christmas, Fanning, Line and Washington Islands

S.T. Meridian 180W00—Baker, Canton, Enderbury, Gardner (Nikumaroro), Howland, Hull (Orono), Phoenix and Sydney (Manra) Islands

S.T. Meridian 170E00—Gilbert, Ocean and Tarawa Islands

No Daylight Saving Time

GOA See Portuguese India**GOLD-COAST COLONY** (West Africa)

With Ashanti and northern territories and Togoland; former British colony; now independent as Ghana, Togo, etc.

Capital: Accra 5N31 0W14

1918(?) Adopted S.T. Meridian 0W00

Daylight Saving Time

(20 minutes advance only)

1918-1935 Not observed	1938 9/1-12/31	1941 9/1-12/31
1936 9/1-12/31	1939 9/1-12/31	1942 9/1-12/31
1937 9/1-12/31	1940 9/1-12/31	1943-1970 Not observed

GRANDE BRETAGNE See Great Britain

GREAT BRITAIN

Kingdom west of Europe

Capital: London 51N31 0W06 (St. Paul's Cathedral)

Includes: Scotland, capital Edinburgh 55N57 3W11

Northern Ireland, capital Belfast 54N36 5W55

Channel Islands 49N35 2W30

Isle of Man 54N10 4W40

Wales 52N30 3W30

1752 9/14 (NS) Adopted Gregorian Calendar

1855 GMT was used by 95% of all clocks

To 1880 Local Mean Time

1880 1/1 Adopted S.T. Meridian 0W00 (except Scotland and Ireland)

1884 1/29 Scotland adopted S.T. Meridian 0W00

1968 2/18 2:00 a.m. Adopted S.T. Meridian 15E00 (including Northern Ireland)

1971 11/1 0 hr Reverted to S.T. Meridian 0W00 (including Northern Ireland)

Northern Ireland (Ulster)

1880 1/1 Local Mean Time of Belfast 5W55

1916 10/1 Adopted S.T. Meridian 0W00

1916 5/21-1945 Observed Daylight Saving Time continuously, including winters; in several parts of rural Ireland, DST was never observed; some remote places observed Local Mean Time; these should be checked with local authorities

1945 on Daylight Saving Time same as England

Daylight Saving Time

(Changes at 2:00 a.m. except ending dates of Double Summer Time; changes at 1:00 a.m. 1981 on)*

1916-1920 England and Scotland observed Daylight Saving Time only on dates below

1921 on Also observed as below by Northern Ireland (see note above), Channel Islands, Isle of Man and Wales

1916 5/21-10/1	1940 2/25-12/31	1966 3/20-10/23
1917 4/8-9/17	*1941 1/1 0 hr	1967 3/19-10/29
1918 3/24-9/30	through	1968 2/18-1971 10/31
1919 3/30-9/29	1945 12/31	1972 3/19-10/29
1920 3/28-10/25	1946 1/1-10/6	1973 3/18-10/28
1921 4/3-10/3	*1947 3/16-11/2	1974 3/17-10/27
1922 3/26-10/8	1948 4/18-10/31	1975 3/16-10/26
1923 4/22-9/16	1949 4/3-10/30	1976 3/21-10/24
1924 4/13-9/21	1950 4/16-10/22	1977 3/20-10/23
1925 4/19-10/4	1951 4/15-10/21	1978 3/19-10/29
1926 4/18-10/3	1952 4/20-10/26	1979 3/18-10/28
1927 4/10-10/2	1953 4/19-10/4	1980 3/16-10/26
1928 4/22-10/7	1954 4/11-10/3	1981 3/29-10/25
1929 4/25-10/6	1955 4/17-10/2	1982 3/28-10/24
1930 4/13-10/5	1956 4/22-10/7	1983 3/27-10/23
1931 4/19-10/5	1957 4/14-10/6	1984 3/25-10/28
1932 4/17-10/2	1958 4/20-10/5	1985 3/21-10/27
1933 4/9-10/8	1959 4/19-10/4	1986 3/30-10/26
1934 4/22-10/7	1960 4/10-10/2	1987 3/29-10/25
1935 4/14-10/6	1961 3/26-10/28	1988 3/27-10/30
1936 4/19-10/4	1962 3/25-10/28	1989 3/26-10/29
1937 4/4-10/3	1963 3/31-10/27	1990 3/25-10/28
1938 4/10-10/2	1964 3/22-10/25	
1939 4/10-11/19	1965 3/21-10/24	

*Add 1 more hour for Double Summer Time

(Changes 3:00 a.m.)

1941 5/4-8/10	1944 4/2-9/17	1947 4/13-8/10
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1942 4/5-8/9
1943 4/4-8/15

1945 4/2-10/7
1946 Not observed

GREECE

Kingdom in southeastern Europe
Capital: Athens 37N59 23E43

1846-1916 OS Calendar (Julian) used
1916 7/15 (OS) became July 28 (NS); however, the Gregorian Calendar was not adopted by the Greek Church until September 30, 1923 (OS); followed by October 14, 1923 (NS)

1895 9/14 Local Mean Time of Athens 23E43
1916 7/28 0:01 a.m. Adopted S.T. Meridian 30E00

*Daylight Saving Time
(Changes at 0 hr)*

1932 7/1-9/2	1982 3/28-9/25
1933-1940 Not observed	1983 3/24-9/29
1941 4/7-4/30	1984 3/31-9/28
1945-1952 Not observed	1985 3/31-9/27
1952 7/1-11/2	1986 3/30-9/28
1978 4/2-9/30	1987 3/29-9/27
1979 4/1-9/29	1988 3/27-9/25
1980 4/6-9/27	1989 3/26-9/24
1981 3/29-9/26	1990 3/25-9/30

GREENLAND

Danish province in the Arctic Ocean; most habitation is on the coast because inland areas are sheathed with ice

Capital: Godthaab 64N11 51W43

Second Governor's Seat: Godhavn 69N15 53W32

1916 7/28 S.T. Meridians 30W00, 45W00, 60W00, 76W00 assigned
Angmagssalik 65N40 37W40 observes S.T. Meridian 45W00
Etah 78N18 72W39 observes S.T. Meridian 60W00
Scoresby Sound 70N30 21W57 observes S.T. Meridian 15W00
Thule 76N33 68W50 observes S.T. Meridian 60W00

Daylight Saving Time

1981-85 No DST in Thule, Mesters Vig
1981 3/29-9/26 in Angmogssalik and West Coast
1982 3/27-9/24 in Angmogssalik and West Coast; 3/28-9/25 Scoresby Sound
1983 3/25-9/29
1984 3/31-9/28 in three places
1985 3/31-9/27 above
1986 3/29-9/26 except in Thule and Mesters Vig
1987 3/28-9/25
1988 3/26-9/23
1989 3/25-9/29
1990 3/31-9/28

GRENADA

Former British colony in the West Indies, including Carriacou Island and Petit Martinique Island of the Grenadines; became independent February 7, 1974

Capital: Saint George's 12N03 61W45

To 1911 Local Mean Time of Saint George's 61W45
1911 7/1 0 hr S.T. Meridian 60W00

GRENADINES See Grenada

GROENLANDE See Greenland

GUADELOUPE AND DEPENDENCIES

French Overseas Department in Lesser Antilles, including part of St. Martin Island, St. Barthelemy Island and Marie-Galante Island

Capital: Basse-Terre 16N00 61W44
To 1911 Local Mean Time
1911 6/8 0 hr Adopted S.T. Meridian 60W00
No Daylight Saving Time

GUATEMALA

Republic in Central America
Capital: Guatemala City 14N38 90W31
To 1937 Local Mean Time
1937 5/8 Adopted S.T. Meridian 90W00
Daylight Saving Time
1973 11/25-1974 2/24 (changes at 0 hr) 1984-90 No DST
1975-82 No DST 1991 3/23-9/7 (changes at 0 hr)
1983 5/21-9/22 (changes at 0 hr) 1992-99 No DST

GUAYAQUIL See Ecuador

GUIANA See British Guiana, French Guiana, Guyana and Surinam

GUINEA

West African republic, formerly French Guinea; became independent October 2, 1958
Capital: Conakry 9N30 13W43
Was French Guinea:
1912 1/1 Adopted S.T. Meridian 0W00
1934 2/26 Adopted S.T. Meridian 15W00
1960 Returned to S.T. Meridian 0W00
No Daylight Saving Time

GUINEA-BISSAU

Former colonial possession of Portugal in West Africa; became independent September 10, 1974
Capital: Bissau 11N51 15W35
1911 5/26 S.T. Meridian 15W00

GUINEE ESPAGNOLE See Equatorial Guinea

GUINEE FRANCAISE See Guinea

GUINEE PORTUGAISE See Portuguese West Africa

GUYANA

Former British colony in South America (see British Guiana); became independent May 26, 1966, and a republic in 1970.
Capital: Georgetown 6N48 58W10
1915 3/1 Adopted S.T. Meridian 56W15
No Daylight Saving Time

GUYANNE BRITANNIQUE See British Guiana

GUYANNE FRANCAISE See French Guiana

GUYANNE HOLLANDAISE See Surinam

HAITI

Republic in Greater Antilles
Capital: Port-au-Prince 18N33 72W20
To 1917 Local Mean Time of Port-au-Prince 72W20
1917 1/24 Noon Adopted S.T. Meridian 75W00
Daylight Saving Time
1981-82 No DST 1985 4/26-10/24 1988 4/3-10/30
1983 4/29e-10/27 1986 4/27-10/26 1989 4/2-10/29
1984 4/28e-10/26 1987 4/26-10/25 1990 4/1-10/28

HACHEMITE, ROYAUME See Jordan

HAINAN ISLAND See China

HAUTE VOLTA See Upper Volta

HEBRIDES ISLANDS See Great Britain

HEDJOZ, HOJOZ See Saudi Arabia

HEILUNGKIANG See China

HERZEGOVINA See Yugoslavia

HINDUSTAN See India

HOKKAIDO See Japan

HOLLAND See Netherlands

HOLLANDIA ISLAND See Netherlands East Indies

HONAN See China

HONDURAS

Republic in Central America

Capital: Tegucigalpa 14N06 87W13

S.T. Meridian 90W00

Daylight Saving Time

1981 10/1-1982 2/13

1982 10/1-1983 2/12

1983 10/1-1984 2/11

1984 10/1-1985 2/9

1985 10/1-1986 2/8

1986 10/1-1987 2/13

1987 10/1-1988 2/12

1988 10/1-1989 2/10

1989 10/1-1990 2/9

1990 10/1-1991 2/13

HONDURAS BRITANNIQUE See British Honduras

HONG KONG See also China

British colony in South China Sea

Capital: Victoria 22N17 114E09

1904 10/30

S.T. Meridian 120E00

*Daylight Saving Time
(Changes at 3:30 a.m.)*

1946 4/20-12/1

1947 4/13-12/30

1948 5/2-10/31

1949 4/3-10/30

1950 4/2-10/29

1951 4/1-10/28

1952 4/6-10/25

1953 4/5-11/1

1954 3/21-10/31

1955 3/20-11/6

1956 3/18-11/4

1957 3/24-11/3

1958 3/23-11/2

1959 3/22-11/1

1960 3/20-11/6

1961 3/19-11/5

1962 3/18-11/4

1963 3/24-11/3

1964 3/22-11/1

1965 4/18-10/17

1966 4/17-10/16

1967 4/16-10/22

1968 4/21-10/20

1969 4/20-10/19

1970 4/19-10/18

1971 4/18-10/17

1972 4/16-10/22

1973 4/22-10/21

1973 12/30-1974 10/20*

1975 4/20-10/19

1976 4/18-10/17

1977 4/17-10/16

1980 5/11-10/19

*Period extended due to fuel shortage

HONGRIE See Hungary

HONSHU See Japan

HOORN or HORN ISLANDS See New Caledonia and Dependencies

HOPEI See China

HOWLAND ISLAND See Gilbert Islands

HUNAN See China

HUNGARY

Located in central Europe; former kingdom

Capital: Budapest 47N30 19E05

1587 11/1

Adopted Gregorian Calendar

To 1890	Local Mean Time	
1890 10/1	Adopted S.T. Meridian 15E00	
	<i>Daylight Saving Time</i>	
1916 4/30 11:00 p.m.-10/1 1:00 a.m.		1984 3/31-9/28
1917 4/16 3:00 a.m.-9/17 3:00 a.m.		1985 3/31-9/27
1918-1940 Not observed		1986 3/30-9/28
1941 4/6 2:00 a.m.-1945 9/16 (continuously)		1987 3/29-9/27
1980 3/31-9/30		1988 3/27-9/25
1981 3/29-9/26		1989 3/26-9/24
1982 3/28-9/25		1990 3/25-9/30
1983 3/25e-9/29		

HUON ISLANDS See New Caledonia

IADRONE ISLANDS See South Sea Mandated Territories

IBIZA ISLAND See Balearic Islands

ICELAND

Former sovereign state in union with Denmark; became an independent republic June 17, 1944
Capital: Reykjavik 64N09 21W57

1837 1/1	Local Mean Time of Reykjavik 21W57	
1908 1/1	Adopted S.T. Meridian 15W00	
	<i>Daylight Saving Time</i>	
1917 2/20-10/25	1963 4/7-10/27	1973 4/1-10/28
1918 2/20-11/15	1964 4/5-10/25	1974 4/7-10/27
1919 2/19-11/15	1965 4/4-10/31	1975 4/6-10/26
1920-40 Not observed	1966 4/3-10/23	1976 4/4-10/31
1941 3/1-7/?	1967 4/2-10/22	1977 4/3-10/30
1942 3/7-7/?	1968 4/7-10/27	1980 3/31-9/30
1943-60 Unconfirmed	1969 4/6-10/26	1981-85 No DST
1960 4/3-10/30	1970 4/5-10/25	1986-90 No DST
1961 4/2-10/29	1971 4/4-10/31	
1962 4/1-10/28	1972 4/2-10/29	

IFNI

Former Spanish colony in West Africa; became part of Morocco June 30, 1969
Capital: Sidi Ifni 29N23 10W10
S.T. Meridian 0W00

ILE DE L'ASCENSION See Ascension Island

ILE DU PRINCE See Portuguese West Africa

ILES DU CAP-VERT See Cape Verde Islands

INDE BRITANNIQUE See India

INDE HOLLANDAISE See Netherlands Antilles and Netherlands East Indies

INDE PORTUGAISE See Portuguese India

INDIA

Former empire under British rule; became independent August 15, 1947, and a democratic republic January 26, 1950
Capital: New Delhi 28N38 77E13

1947 8/15	country divided into two nations: Hindustan and Pakistan (see Pakistan)
To 1906	Local Mean Time of Madras 80E15 was legal time
1907 1/1	Adopted S.T. Meridian 82E30; used by government but many cities remained on Local Mean Time
1911 7/18	French Establishments and Portuguese Goa adopted S.T. Meridian 82E30
1920	Burma, in Bengal province, adopted S.T. Meridian 97E30
1941 1/10	Calcutta, which had always observed Local Mean Time 88E20, adopted S.T. Meridian 97E30

1947 8/15 Hindustan (India) on S.T. Meridian 82E30
Daylight Saving Time

1942 9/1-1945 10/15 except:

Bengal Province

1941 10/1-1942 5/15

1942 9/1-1947 10/14

Bihar Province

1941 12/1-1942 5/15

1942 9/1-1945 10/15

Assam Province

1941 11/1-1942 5/15

1942 9/1-1945 10/15

INDO-CHINA See French Indo-China

INDO-CHINESE FEDERATION See French Indo-China

INDONESIA

World's largest archipelago comprised of about 13,000 islands, located between the Indian and Pacific Oceans; formerly Netherlands East Indies; became independent December 28, 1949; name formally changed to Republic of Indonesia on August 15, 1950; on July 15, 1976, Portuguese Timor became Indonesia's 27th province; some of the others are Java, Sumatra, Kalimantan, Celebes, West Irian, Bangka, Billiton, Madura, Bali

Capital: Jakarta, Java 6S10 106E48

For time zones see Netherlands East Indies

No Daylight Saving Time

INNER MONGOLIA See China

IRAN

Kingdom in western Asia

Capital: Tehran 35N40 51E26

1916

Adopted Local Mean Time of Tehran 51E26

1926

S.T. Meridian 52E30

1976 3/14

Adopted Monarchic Calendar (add 1,180 years to Iranian Solar Calendar, or 559 years to current Gregorian Calendar); Muslim Lunar Calendar, used for religious holidays, not affected; within five years all government documents were changed to reflect Monarchic dates

1977

S.T. Meridian 60E00

Daylight Saving Time

(Add 1/2 hr)

1978 3/23-9/20

1981 3/29-9/27

1984 3/25-9/23

1979 3/21-9/19

1982 3/28-9/26

1985 3/31-9/29

1980 3/23-9/21

1983 3/27-9/25

1986-90 Not observed
countrywide, check with
local authorities

IRAQ (Mesopotamia)

Kingdom in western Asia

Capital: Baghdad 33N20 44E24

Arabic time, based on setting of sun, used by mass Moslem population

1890s

Little by little, the Local Mean Time of Baghdad 44E24 was imposed countrywide

1918 1/1

S.T. Meridian 45E00

Daylight Saving Time

1981-82 No DST

1985 ?

1983 3/31-9/30

1986-90 DST not standardized

1984 4/1-9/29

countrywide, check with local authorities

IRELAND See Great Britain and Eire

IRIAN See Netherlands East Indies

IRISH FREE STATE See Eire

ISLAND See Iceland

ISLAS MALVINAS See Falkland Islands

ISLE OF CLOVES See Zanzibar

ISLE OF MAN See Great Britain

ISLE OF PINES See New Caledonia

ISRAEL

Former British mandated territory called Palestine; became independent May 14, 1948

Capital: Jerusalem 31N47 35E10

Diplomatic Capital: Tel Aviv 32N04 34E46

S.T. Meridian 30E00

See Palestine for time information before 1948

Daylight Saving Time

*1948 5/23 0 hr-9/1 0 hr	1974 7/7 0 hr-10/13 0 hr
1948 9/1 0 hr-11/1 2:00 a.m.	1975 4/20 0 hr-8/31 0 hr
1949 5/1 0 hr-11/1 2:00 a.m.	1976-77 Not observed
1950 4/16 0 hr-9/15 3:00 a.m.	1981-83 Not observed
1951 4/1 0 hr-11/11 3:00 a.m.	1984 5/5-8/31
1952 4/20 2:00 a.m.-10/19 3:00 a.m.	1985
1953 4/12 2:00 a.m.-9/13 3:00 a.m.	1986 5/17-9/6
1954 6/13 0 hr-9/12 0 hr	1987 4/15-9/13
1955 6/11 2:00 a.m.-9/11 0 hr	1988 4/15-9/13
1956 6/3 0 hr-9/30 3:00 a.m.	1989 4/13-9/11
1957 4/29 2:00 a.m.-9/22 0 hr	1990 4/12-9/17
1958-73 Not observed	
1991-99 from 2nd Thursday in April to 2nd Monday in September	
*Double Summer Time	

ITALIAN EAST AFRICA See Ethiopia, Eritrea, Italian Somaliland

ITALIAN SOMALILAND See also Somalia

Italian colony in East Africa

Capital: Mogadiscio 2N02 45E21

1893 11/1 Adopted S.T. Meridian 45E00

No Daylight Saving Time

ITALY

Republic in southern Europe

Capital: Rome 41N54 12E29

1582 10/15 (NS) Adopted Gregorian Calendar

1866 9/22 Local Mean Time mostly used by railways and telegraph as follows: Italian Peninsula, Local Mean Time of Rome 12E29; Sardinia, Local Mean Time of Cagliari 9E06; Sicily, Local Mean Time of Palermo 13E22

1893 11/1 0 hr Adopted S.T. Meridian 15E00

Daylight Saving Time

1916 6/4 0 hr-10/1 0 hr	1972 5/28 0 hr-10/1 0 hr
1917 4/1 0 hr-10/1 0 hr	1973 6/3 0 hr-9/29 0 hr
1918 3/10 0 hr-10/7 0 hr	1974 5/26 0 hr-9/29 0 hr
1919 3/2 0 hr-10/5 0 hr	1975 6/1 0 hr-9/28 0:01 a.m.
1920 3/21 0 hr-9/19 0 hr	1976 5/30 0 hr-9/26 0:01 a.m.
1921-39 Not observed	1977 5/22 0 hr-9/25 0:01 a.m.
1940 6/15 0 hr-1942 11/2 3:00 a.m.	1978 5/28 0 hr-10/1 0:01 a.m.
1943 3/29 2:00 a.m.-10/4 3:00 a.m.	1979 5/27 0 hr-9/10 0:01 a.m.
*1944 4/3 2:00 a.m.-10/2 3:00 a.m.	1980 4/6 2:00 a.m.-9/28 3:00 a.m.
1945 4/2 2:00 a.m.-9/17 0 hr	(Begins 2:00 a.m., ends 3:00 a.m.)
1946 3/17 2:00 a.m.-10/6 3:00 a.m.	1981 3/29-9/26
1947 3/16 0 hr-10/5 1:00 a.m.	1982 3/28-9/25
1948 2/29 2:00 a.m.-10/3 3:00 a.m.	1983 3/25-9/29
1949-65 Not observed	1984 3/31-9/28
1966 5/22 0 hr-9/25 0 hr	1985 3/31-9/27
1967 5/28 0 hr-9/24 0 hr	1986 3/20-9/28

1968 5/26 0 hr-9/22 0 hr	1987 3/29-9/27
1969 6/1 0 hr-9/28 0 hr	1988 3/27-9/25
1970 5/31 0 hr-9/27 0 hr	1989 3/26-9/24
1971 5/23 0 hr-9/26 0:01 a.m.	1990 3/25-9/30

*Northern Italy only

IVORY COAST

Former province of French West Africa; became independent August 7, 1960

Capital: Abidjan 5N19 4W01

1911 1/1	Adopted S.T. Meridian 0W00
1934 2/26	Adopted S.T. Meridian 15W00

No Daylight Saving Time

JAMAICA (Jamaique)

Former British colony in Greater Antilles with Cayman, Turks and Caicos Islands; became independent August 6, 1962

Capital: Kingston 18N00 76W48

To 1912	Local Mean Time of Kingston 76W48
1912 2/1	Adopted S.T. Meridian 75W00

Daylight Saving Time

1978 4/30-10/28	1983 4/29-10/26	1988 4/24-10/30
1979 4/29-10/27	1984 4/28-10/25	1989 4/30-10/27
1980 4/27-10/25	1985 4/28-10/26	1990 4/29-10/28
1981 4/26-10/24	1986 4/27-10/26	
1982 4/25-10/23	1987 4/26-10/25	

JAN MAYEN

Norwegian island in the Greeland Sea

S.T. Meridian 15E00

JAPAN

Empire off Asia in the North Pacific; consists of four main islands and others, including Bonin, Diato, Karafuto, Kuril, Marcus, Ryukyu (Okinawa), Volcano (Iwo Jima)

Capital: Tokyo 35N40 139E45

<i>Island</i>	<i>City</i>	<i>Latitude</i>	<i>Longitude</i>
Honshu	Tokyo	35N40	139E45
Hokkaido	Sapporo	43N03	141E19
Kyushu	Nagasaki	32N43	129E52
Shikoku	Kochi	33N32	133E31

1873 1/1 (NS) Adopted Gregorian Calendar (lunar calendar rescinded; its date was the 5th of Meiji); however, the populace continued to use the lunar calendar

1889 1/1 Adopted S.T. Meridian 135E00; used by government only, not by civil population

1896 1/1 Population forced to use S.T. Meridian 135E00, except Formosa, the Pescadores, Yaeyama and Miyako groups on S.T. Meridian 120E00

Daylight Saving Time

(People worked by DST, but births were recorded in Standard Time)

1948 5/2 1:00 a.m.-9/12 0 hr	1951 5/6 1:00 a.m.-9/9 0 hr
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1949 4/3 1:00 a.m.-9/11 0 hr	1981-85 Not observed
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1950 5/7 1:00 a.m.-9/10 0 hr	1986-90 Not observed
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1951 5/6 1:00 a.m.-9/9 0 hr	
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JAPPEN GROUP See Netherlands East Indies

JARVIS ISLAND

British possession, also claimed by U.S.; located in South Pacific

Radio towers: 0S22 160W02

S.T. Meridian 165W00

JAVA See Netherlands East Indies

JEBEL DRUZ See Levant States

JEMBONGAN ISLAND See Malaysia

JOHORE See Malaya

JORDAN

Former British mandate called Transjordan; located in western Asia; became independent May 25, 1946; changed name to Hachemite Kingdom of Jordan on April 26, 1949

Capital: Amman 31N57 35E56

Until 1920s Probably used Local Mean Time (unconfirmed)

1931 Used S.T. Meridian 30E00

1960-70 On S.T. Meridian 30E00

Daylight Saving Time

1978 4/30-9/30 1987 4/3-10/2 1990 4/6-10/5

1981-85 Not observed 1988 4/2-10/7

1986 4/4-10/3 1989 4/7-10/6

JUDEA See Palestine

JUTLAND See Denmark

KALIMANTAN See Netherlands East Indies

KAMARAN ISLAND See also Yemen, People's Democratic Republic

South Yemen Islands in the Red Sea

S.T. Meridian 45E00

No Daylight Saving Time

KAMCHATKA See Soviet Union

KANSU See China

KARAFUTO See Japan

KARA KALPAK AREA See Soviet Union

KAZAKH See Soviet Union

KEDAH See Malaya

KEI ISLAND See Netherlands East Indies

KELANTAN See Malaya

KENYA

Former British colony in East Africa; became a republic December 12, 1963

Capital: Nairobi 1S17 36E48

To 1928 Local Mean Time

1928 6/31 0 hr Adopted S.T. Meridian 45E00

1930 1/1 0 hr Adopted S.T. Meridian 37E30

1940s Observed S.T. Meridian 41E15

By 1960 Observing S.T. Meridian 45E00

No Daylight Saving Time

KERGUELEN ISLANDS

Madagascar dependency in Indian Ocean

Capital: Port Jeanne d'Arc 49S33 69E49

S.T. Meridian 75E00

KERMADEC ISLANDS

New Zealand dependency in South Pacific

Denham, Flagstaff 29S16 177E57

S.T. Meridian 172E30

1945 11/24 Adopted S.T. Meridian 180E00

No Daylight Saving Time

KHMER REPUBLIC See Cambodia

KIANGSI See China

KIANGSU See China

KINSHASA See Congo (Kinshasa)

KIRGHIZ S.S.R. See Soviet Union

KIRIBATI, REPUBLIC OF 33 Micronesian islands in the mid-Pacific; see the Gilbert, Line and Phoenix groups

KIRIN See China

KIRKAL See French Establishments in India

KOLA PENINSULA See Soviet Union

KOREA

Former Japanese territory in eastern Asia; now split, after 1948, see Korea, North and Korea, South
Capital: Seoul 37N32 126E57

To 1904 S.T. Meridian 127E30

1904 12/1 S.T. Meridian 135E00

1928 S.T. Meridian 127E30

1932 S.T. Meridian 135E30

People in country districts used sundials

KOREA, NORTH

Former Japanese territory in eastern Asia; became communist state May 1, 1948

Capital: Pyongyang 39N00 126E45

S.T. Meridian 135E00

For time information before 1948, see Korea

KOREA, SOUTH

Former Japanese territory in eastern Asia; became Korea Democratic People's Republic August 15, 1948

Capital: Seoul 37N32 126E57

S.T. Meridian 135E00

1954 3/21 Clocks turned back one hour until:

1961 8/10 Clocks advanced 30 minutes at 0:01 a.m. to S.T. Meridian 135E00

For time information before 1948, see Korea

Daylight Saving Time Observed

1960 5/?-9/13

1981-85 Not observed

1961-71 Not observed

1986-90 Not observed

KURIL or KURILI ISLANDS

To 1904

Local Mean Time

1904 12/1

S.T. Meridian 135E00

No Daylight Saving Time

KURO ISLAND See Japan

KUWAIT

Former British territory; became independent state of Saudi Arabia on the Arabian Peninsula June 19, 1961

Capital: Kuwait 29N23 47E59

Arabic time, based on setting of sun, has been commonly used

No Standard or Daylight Saving Time

KWANGSI-CHUANG See China

KWANTUNG See China

KWAYALEIN See South Sea Mandated Territories

KWEICHOW See China

KYUSHU See Japan

LABUAN See British North Borneo and Malaya

LACCADIVE ISLANDS See India (Hindustan)

LADRONE ISLANDS See South Sea Mandated Territories

LAO PEOPLE'S DEMOCRATIC REPUBLIC See Laos

LAOS See Also French Indo-China

Formerly part of French Indo-China; became an independent republic December 3, 1975

Administrative Capital: Vientiane 17N58 102E37

Royal Capital: Luang Prabang 19N54 102E08

1906 6/9 Local Mean Time of 106E35

1911 3/11 0:01 a.m. S.T. Meridian 105E00 used by government only

1912 5/1 S.T. Meridian 120E00

1931 5/1 S.T. Meridian 105E00

No Daylight Saving Time

LAS PALMAS See Canary Islands

LATAKIA See Levant States

LATVIA

Republic in northern Europe

Capital: Riga 56N55 24E07

To 1918 Local Mean Time of Pulkovo Observatory 30E20

1918 2/15 Adopted Gregorian Calendar and Local Mean Time of Riga 24E07

1926 6/1 Adopted S.T. Meridian 30E00

Daylight Saving Time

1918 Dates unconfirmed

1941-44 Same as Germany

1919 4/1-5/22

LEBANON

Formerly one of the Levant States in western Asia; became independent November 22, 1948

Capital: Beirut 35N54 35E28

S.T. Meridian 30E00

Daylight Saving Time

(Beirut, during period of British occupation)

1920 3/28-10/25 1981-83 Not observed 1988 5/1-10/16

1921 4/3-10/3 1984 5/1-10/14 1989 5/1-10/16

1922 3/26-10/8 1985 ? 1990 5/1-10/16

1923 4/22-9/16 1986 5/1-10/16

1978 4/30-9/30 1987 5/1-10/16

LEeward ISLANDS See Anguilla, Antigua Barbuda, Guadeloupe, Montserrat, Nevis, Redonda, Saba, St. Christopher, St. Eustatius, St. Martin, Sombbrero, Virgin Islands

LESOTHO

Former British protectorate (Basutoland) in South Africa; became independent kingdom October 4, 1966

Capital: Maseru 29S18 27E30

S.T. Meridian 30E00

No Daylight Saving Time

LETTONIE See Latvia

LEVANT STATES See also Lebanon and Syria

Republics in western Asia

Jebel Druz Capital: Soueida 32N43 36E34

Latakia Capital: Latakia 35N30 35E45

S.T. Meridian 30E00

LIAONING See China

LIBERIA

Republic in West Africa

Capital: Monrovia 6N20 10W48

To 1919

Local Mean Time of Monrovia 10W48

1919 3/1

Adopted S.T. Meridian 11W00

No Daylight Saving Time

LIBYA

Former Italian colony in North Africa; became Arab Republic of Lybia September 1, 1969

Capitals: Tripoli, 32N54 13E10; Bengasi 32N06 30E05; Beida (Darnah, Derna) 32N46 22E39

S.T. Meridian 15E00 (adoption date unknown, probably 1920s)

Daylight Saving Time

1981 Not observed

1985 ?

1989 4/1-10/1

1982 4/1-9/30

1986 4/4-10/3

1990 4/1-10/1

1983 4/1-9/30

1987 4/4-10/2

1984 4/1-9/30

1988 4/1-10/1

LICHTENSTEIN

Principality located in central Europe

Capital: Vaduz 47N08 9E31

1894 6/1

S.T. Meridian 15E00

Daylight Saving Time

1981-85 Not observed

1987 3/29-9/27

1989 3/26-9/24

1986 3/30-9/28

1988 3/27-9/25

1990 3/25-9/30

LINGA ARCHIPELAGO See Netherlands East Indies

LITHUANIA

Republic in northern Europe

Capital: Kaunas 54N54 23E55

1918 2/15

Adopted Gregorian Calendar

1820-1917

Local Mean Time of Warsaw 21E00

1917-19

Local Mean time of Kaunas 23E55

1919 10/10

S.T. Meridian 15E00

1920 7/12

As part of Russia, S.T. Meridian 30E00

1920 10/9

Occupied by Poland, S.T. Meridian 15E00

1942-44

Same as Germany

1945

S.T. Meridian 30E00

Daylight Saving Time

Same as Germany 1941-44

LOMBOK See Netherlands East Indies

LORD HOWE

Islands in the Pacific Ocean off the coast of New South Wales, Australia

S.T. Meridian 150E00

No Daylight Saving Time

LOYALTY ISLANDS See New Caledonia

LUCAVES ISLANDS See Bahamas

LUXEMBOURG

Grand Duchy in central Europe

Capital: Luxembourg 49N38 6E10

1892 4/1

Adopted S.T. Meridian 15E00

1918 12/1

Adopted S.T. Meridian 0E00

1940 2/24 11:00 p.m.

Adopted S.T. Meridian 15E00

Daylight Saving Time

1916 3/1 11:00 p.m.-9/30 10:00 a.m.

1919 4/15 2:00 a.m.-9/15 3:00 a.m.

1917 4/30 11:00 p.m.-9/30 1:00 a.m.

1920 2/14 11:00 p.m.-10/23 2:00 a.m.

1918 4/15 2:00 a.m.-9/16 3:00 a.m.

1921 3/14 11:00 p.m.-10/26 2:00 a.m.

1922 3/25 11:00 p.m.-10/8 1:00 a.m.	1943 3/29-10/3
1923 4/21 11:00 p.m.-10/7 2:00 a.m.	1944 4/3-9/17
1924 3/29 11:00 p.m.-10/5 1:00 a.m.	1945 4/2-9/15
1925 4/17 11:00 p.m.-10/4 2:00 a.m.	1946 5/19-10/6
1926 4/16 11:00 p.m.-10/3 1:00 a.m.	1947-76 Not observed
1927 4/9 11:00 p.m.-10/2 1:00 a.m.	1977 4/3-9/24
1928 4/18 11:00 p.m.-10/7 1:00 a.m.	1978 4/2-9/30
1929 4/21 11:00 p.m.-10/6 3:00 a.m.	1979 4/1-9/29
1930 4/13 2:00 a.m.-10/5 3:00 a.m.	1980 4/6-9/27
1931 4/19 2:00 a.m.-10/4 3:00 a.m.	1981 3/29-9/26
1932 4/17 2:00 a.m.-10/2 3:00 a.m.	1982 3/28-9/25
1933 3/26 2:00 a.m.-10/8 3:00 a.m.	1983 3/25-9/29
1934 4/8 2:00 a.m.-10/7 3:00 a.m.	1984 3/31-9/28
1935 3/31 2:00 a.m.-10/6 3:00 a.m.	1985 3/31-9/27
1936 4/19 2:00 a.m.-10/4 3:00 a.m.	1986 3/30-9/28
1937 4/4 2:00 a.m.-10/3 3:00 a.m.	1987 3/29-9/27
1938 3/27 2:00 a.m.-10/2 3:00 a.m.	1988 3/27-9/25
1939 4/16 2:00 a.m.-11/19 3:00 a.m.	1989 3/26-9/24
1940 5/14 2:00 a.m. year round until	1990 3/25-9/30
1942 11/1 3:00 a.m.	

MACAO See Portuguese India

MACEDONIA See Bulgaria, Greece, Yugoslavia

MADAGASCAR (Malagasy)

Former French colony in Indian Ocean near Africa; became independent republic June 26, 1960

Capital: Tananarive 18S54 47E30

To 1911	Local Mean Time
1911 7/1	Adopted S.T. Meridian 45E00, but the greater part of the island continues to use the Local Mean Time of the Tananarive Observatory, 47E30
	<i>No Daylight Saving Time</i>

MADEIRA ISLANDS

Portuguese colony in North Atlantic

Capital: Funchal 32N38 16W54

To 1912	Local Mean Time of Funchal 16W54
1912 1/1	Adopted S.T. Meridian 15W00
	<i>Daylight Saving Time</i>

(Years prior to 1960 undetermined)

1960 4/3-10/2	1967 4/2-10/1	1974 4/7-10/6
1961 4/2-10/1	1968 4/7-10/6	1975 4/6-10/5
1962 4/1-10/7	1969 4/6-10/5	1976 4/4-10/3
1963 4/7-10/6	1970 4/5-10/4	1977 4/3-10/2
1964 4/5-10/4	1971 4/4-10/3	1978 4/2-10/1
1965 4/4-10/3	1972 4/2-10/1	1979 4/1-10/7
1966 4/3-10/2	1973 4/1-10/7	1980 4/6-10/5

MADURA ISLAND See Netherlands East Indies

MAEHREN See Czechoslovakia

MAHE See French Establishments in India

MAHE ISLAND See Seychelles

MAKASSAR See Netherlands East Indies

MALABAR COAST See India and Portuguese India

MALACCA See Malaya

MALADIVE, ILES See Maldive Islands

MALAGASY REPUBLIC See Madagascar

MALAWALI ISLAND See Malaysia

MALAWI

Former British protectorate (Nyasaland) in East Africa; became a republic July 6, 1966

Capital: Lilongwe 13S58 33E45

S.T. Meridian 30E00

No Daylight Saving Time

MALAYA See also Malaysia

Former British colonies (British Malaya) located on southern part of Malay Peninsula in Southeast Asia; Union of Malaya formed in 1946, consisting of Straits Settlements (Malacca, Penang, Province Wellesley, Dindings, Singapore), the Federated Malay States (Negri Sembilan, Pahang, Perak, Selangor), the Non-Federated Malay States (Johore, Kedah, Kelantan, Perlis, Trengganu) and Labuan; 1948, became Federation of Malaya; August 31, 1957, became an independent constitutional monarchy

Capital: Singapore 1N16 103E51

To 1905 Local Mean Time of Singapore 103E51

1905 6/1 S.T. Meridian 105E00, except Labuan—S.T. Meridian 120E00 adopted 1904 10/1

1933 1/1 0:00:20 a.m. Adopted S.T. Meridian 110E00, except Labuan, which remained on S.T.

Meridian 120E00

By 1960 Using S.T. Meridian 112E30

No Daylight Saving Time

MALAYAN UNION See Malaya

MALAYSIA See also Malaya

The Malay States joined with Singapore, Sabah and Sarawak to form Malaysia on September 16, 1963; in 1965, Singapore separated and became independent; islands belonging to Malaysia are Balambangan, Banggi, Jembongan, Malawali

Capital: Kuala Lumpur 3N10 101E42

By 1960s, S.T. Meridian 112E30, except Sabah and Sarawak—S.T. Meridian 120E00

1981 12/31 11:30 p.m. Adopted S.T. Meridian 120E00

No Daylight Saving Time

MALAY STATES See Malaya

MALDIVE ISLANDS

Former British dependency in Indian Ocean; became a republic November 11, 1968

Capital: Male 4N10 73E30

Formerly used Local Mean Time of Male 73E30

1960s Adopted S.T. Meridian 75E00

MALI

Former French Soudan in West Africa; became independent September 22, 1960

Capital: Bamako 12N39 7W59

1912 1/1 Adopted S.T. Meridian 0W00

1934 2/26 Adopted S.T. Meridian 15W00

1960 Adopted S.T. Meridian 0W00

No Daylight Saving Time

MALLORCA ISLAND See Balearic Islands

MALTA

Former British colony in the Mediterranean; became independent September 21, 1964, and a republic on December 13, 1974

Capital: Valetta 35N54 14E31

To 1893 Local Mean Time

1893 11/2 0 hr S.T. Meridian 15E00

Daylight Saving Time

1916 6/4 0 hr-10/1 0 hr

1917 4/1 0 hr-10/1 0 hr

1918 3/10 0 hr-10/7 0 hr

1919 3/2 0 hr-10/5 0 hr

1981 3/31-9/19

1982 3/28-9/25

1983 3/25-9/29

1984 3/31-9/28

1920 3/21 0 hr-9/19 0 hr
1921-39 Not observed
1940 6/15-1945 9/30
1946-77 Not observed
1978 4/16-9/16
1979 4/15-9/15
1980 4/20-9/21

1985 3/31-9/27
1986 3/30-9/28
1987 3/29-9/27
1988 3/27-9/25
1989 3/26-9/24
1990 3/15-9/30

MALVINAS, MALVINE ISLANDS See Falkland Islands

MANCHUKUO See China (Manchuria)

MANCHURIA See China

MANDATED TERRITORY OF NEW GUINEA See New Guinea

MANDCHOURIE See China

MANGAREVA See Gambia

MANOKWARI See Netherlands East Indies

MARCUS ISLAND See Japan

MARIANA ISLANDS See South Sea Mandated Territories

MARIE-GALANTE ISLAND See Guadeloupe

MAROC See Morocco

MARQUESAS ISLANDS See French Polynesia

MARSHALL ISLANDS See South Sea Mandated Territories

MARTINIQUE

French department in the West Indies

Capital: Port de France 14N36 61W05

To 1911	Local Mean Time of Port de France 61W05
1911 5/1	Adopted S.T. Meridian 60W00
	<i>No Daylight Saving Time</i>

MATABELELAND See Rhodesia

MAURITANIA

Former province of French West Africa; became an independent Islamic republic November 28, 1960

Capital: Nouakchott 18N06 15W57

To 1912	Local Mean Time
1912 1/1	Adopted S.T. Meridian 0W00
1934 2/26	Adopted S.T. Meridian 15W00
1960 11/28	Adopted S.T. Meridian 0W00
	<i>No Daylight Saving Time</i>

MAURITIUS

Former British colony in Indian Ocean; became independent March 12, 1968

Capital: Port Louis 20S09 57E30

To 1907	Local Mean Time
1907 1/1	Adopted S.T. Meridian 60E00
	<i>No Daylight Saving Time</i>

MELILLA See Spain

MENORCA ISLAND See Balearic Islands

MESOPOTAMIA See Iraq

MICRONESIA See South Sea Mandated Territories

MIDDLE CONGO See French Equatorial Africa

MIQUELON ISLAND See Saint Pierre and Miquelon

MIYAKO ISLANDS See Japan

MOLDAVIAN S.S.R. See Soviet Union

MOLUCCAS (Molukken) See Netherlands East Indies

MOLUQUES, ILES See Moluccas

MONACO

Principality in southern Europe

Capital: Monaco 43N44 7E26

S.T. Meridian 0W00

1940

S.T. Meridian 15E00

Daylight Saving Time same as France

MONGOLIAN PEOPLE'S REPUBLIC

A country wedged between Communist China and the Soviet Union

Capital: Ulan Bator 47N55 106E45

S.T. Meridian 105E00

Daylight Saving Time

Not observed countrywide; in 1983, 1984 and 1985, DST observed from 4/1 to 9/30 in Ulan Bator:

1986 3/30-9/28

1988 3/27-9/25

1990 3/25-9/30

1987 3/29-9/27

1989 3/26-9/30

MONTENEGRO See Yugoslavia

MONTserrat ISLAND

British possession in the West Indies

Capital: Plymouth 16N42 62W13

To 1911

Local Mean Time

1911 7/1 0:01 a.m.

S.T. Meridian 60W00

No Daylight Saving Time

MORAVIA See Czechoslovakia

MOROCCO

Kingdom in North Africa composed of the former French Morocco and Spanish Morocco; became independent March 2, 1956

Capital: Rabat 34N01 6W51

The Moors used sun times for years

1917 10/26

Adopted S.T. Meridian 0W00

Daylight Saving Time

(Not observed countrywide; check with local authorities)

1979 6/1-7/31

1986 3/30-9/28

1989 3/26-9/24

1980 5/1-8/1

1987 3/29-9/27

1990 3/25-9/30

1981-85 Not observed

1988 3/27-9/25

MOROCCO, FRENCH See French Morocco

MOROCCO, SPANISH See Spanish Morocco

MOZAMBIQUE

Republic in Southwest Africa; formerly part of Portuguese East Africa; became independent June 25, 1975

Capital: Maputo 25S58 32E35

1903 3/1

Adopted S.T. Meridian 30E00

No Daylight Saving Time

MUSCAT AND OMAN See Oman Sultanate

MYANMAR

Republic (formerly British control) in Southeast Asia; became independent January 4, 1948

Capital: Rangoon 16N48 96E09; (in hot weather season), Maymo 22N02 96E28

To 1920

Local Mean Time of Rangoon 96E09

1920 S.T. Meridian 97E30
No Daylight Saving Time

NAMALAND See Union of South Africa

NAMAQUALAND See Union of South Africa

NAMIBIA

Formerly part of the Union of South Africa; the territory was directly administered by the United Nations until its independence on March 21, 1990

Capital: Windhoek 22S30 17E00

1903 3/1 S.T. Meridian 30E00

1911 S.T. Meridian 15E00

*Daylight Saving Time
(Changes at 2:00 a.m.)*

1942 9/20-1943 3/21

NANUMEA ISLAND See Tuvalu

NASHONALAND See Rhodesia

NATAL See Union of South Africa

NAURU

Former British and Australian control in the Western Pacific; became independent January 31, 1968

Capital: Yaren 0S32 166E55

1921 1/15 Adopted S.T. Meridian 172E30

No Daylight Saving Time

NAVARRRE See Spain

NEGRI SEMBILAN See Malaya

NEJD See Saudi Arabia

NEPAL

Constitutional monarchy between China and India

Capital: Katmandu 27N43 85E19

1988 Clocks set 15 minutes ahead of India

S.T. Meridian 82E30

No Daylight Saving Time

NETHERLANDS

Kingdom in western Europe

Capital: Amsterdam 52N23 4E53

Gregorian Calendar adopted by large cities:

1582 12/15 Holland, Zeeland, Brabant, Vlaanderen

1700 6/30 Gelderland

1700 11/30 Utrecht, Ovrijisol

1700 12/31 Friesland, Groningen (no dates for Drente and Limburg Provinces)

1701 1/12 Gregorian Calendar adopted nationwide

To 1846 Local Mean Time

1846 Some large cities introduced Amsterdam time 4E53

1892 5/1 Adopted S.T. Meridian 4E53 except railroads and some harbors used

Greenwich Time 0E00, and some rural regions remained on Local Mean Time.*

1909 5/1 Most of the country on S.T. Meridian 4E53.*

1937 7/1 0 hr Adopted 20 minutes east of Greenwich

1940 5/16 2:00 a.m. Adopted S.T. Meridian 15E00

* From 1892 4/1 to 1937 7/1, every city and community used its own time; check with local authorities

Daylight Saving Time

(begins 2:00 a.m., ends 3:00 a.m.)

1916 5/1-10/1

1917 4/16-9/17

1918 4/1-9/30

1942 11/2 3:00 p.m.

1944 4/3 2:00 p.m.-10/2 3:00 a.m.

1945 4/2 2:00 p.m.-9/16 3:00 a.m.

1919 4/7-9/29	The Allies abolished DST earlier in the south of the country; Maastricht 9/9 at 3:00 a.m.; Sas van Gent 9/19 at 9:00 a.m.; Eindhoven 9/20 at 2:00 p.m.; Heerlen 9/21 at 3:00 a.m.; Sittard Weert 9/22 at 3:00 a.m.; Helmond 9/26 at 8:00 a.m.; Zalt-Bommel 1945 5/6 8:00 a.m. (begins 2:00 a.m., ends 3:00 a.m.)
1920 4/5-9/27	
1921 4/4-9/26	
1922 3/26-10/8	
1923 6/1-10/7	
1924 3/30-10/5	
1925 6/5-10/4	
1926 5/15-10/3	
1927 5/15-10/2	
1928 5/15-10/7	
1929 5/15-10/6	
1930 5/15-10/5	
1931 5/15-10/4	
1932 5/22-10/2	
1933 5/15-10/8	
1934 5/15-10/7	
1935 5/15-10/6	
1936 5/15-10/4	
1937 5/22-10/3	
1938 5/15-10/2	
1939 5/15-10/8	
1940 5/19-1942 11/2 3:00 p.m.	
1943 3/29 2:00 p.m.-10/4 3:00 a.m.	
1977 4/3-9/25	
1978 4/2-9/30	
1979 4/1-9/29	
1980 4/6-9/27	
1981 3/29-9/27	
1982 3/28-9/26	
1983 3/27-9/25	
1984 3/25-9/30	
1985 3/31-9/29	
1986 3/30-9/28	
1987 3/29-9/27	
1988 3/27-9/25	
1989 3/26-9/24	
1990 3/25-9/30	

NETHERLANDS ANTILLES See Aruba, Bonaire, Curacao, Saba, Saint Eustatius, Sint Marten

NETHERLANDS EAST INDIES

Former Dutch possession (Batavia) located in Southeast Asia; see Indonesia
Capital: Djarkata (Djakakarta) 6S09 106E49

To 1932 Local Mean Time
1932 11/1 Divided into six time zones as follows:

Netherlands Indies Zone 1, S.T. Meridian 135E00

Moluccas—Hollandia, Jappen Group, Larat, Manokwari, Schouten Island, Serang, South Diguel, South New Guinea (Papua)

Netherlands Indies Zone 2, S.T. Meridian 127E30

Moluccas—Ceram and the small islands between New Guinea and Celebes

Netherlands Indies Zone 3, S.T. Meridian 120E00

Celebes—Dependencies and Manado Residency

Netherlands Indies Zone 4, S.T. Meridian 112E30

Borneo—South and East Division, West Division
Pontianak, Kalimantan (West Division) 0S02 109E20

To 1940 Local Mean Time 109E15
1940 Changed Meridian to 112E30
Java—Bali, Lombok and Madura
1908 5/1 Local Mean Time of Batavia 110E16
1924 1/1 S.T. Meridian 110E00
1932 11/1 S.T. Meridian 112E30

Netherlands Zone 5, S.T. Meridian 105E00

South Sumatra—Benkulen Residency, Bangka and Dependencies, Billiton Asst. Residency, Djambi Residency, Lampongs District Residency, Palenbang Residency, Riouw Residency and Dependencies

Netherlands Indies Zone 6, S.T. Meridian 97E30

North Sumatra—Governate Acheen and Dependencies, Governate East Coast Sumatra, Residency West Coast Sumatra, Residency Tapanoeli

To 1932	Both North and South Sumatra used Local Mean Time of Padang 100E22
1932 11/1	S.T. Meridian 97E30 assigned to North Sumatra and S.T. Meridian 105E00 assigned to South Sumatra; however, neither was in general use until 1939
1942 4/1-1945 11/17	Entire Netherlands East Indies used S.T. Meridian 135E00 during Japanese occupation
1945 11/17-1948 5/1	Gradual return to old time zones
1948 5/1-1950 5/1	Territory divided into three time zones:
	1) S.T. Meridian 105E00 Bangka, Linga-Archipelago, Riouw-Archipelago, Sumatra and West Coast Islands
	2) S.T. Meridian 120E00 Java Billiton, Celebes, Madura, the islands of Sangihe and Talaud and Soemba
	3) S.T. Meridian 135E00
	a) The Soemba Island Timor and its northern islands until 1949 2/1
	b) Molukken and New Guinea
1950 5/1	Indonesia divided into the following six time zones:
	1) S.T. Meridian 135E00 Serang and the Aru-Islands, Hollandia, Irian (former South and West New Guinea), Larat, Manokwari, Saumlaki, Schouten Islands, Tanah Mirah (Upper Diguel), Tanimbar
	2) S.T. Meridian 127E30 Molukken (except Larat and Saumlaki, the islands of Aru and Kei), Ceram
	3) S.T. Meridian 120E00 Celebes, Flores, Sangihe, Soemba, Soembawa, Talaud, Timor and surrounding islands
	4) S.T. Meridian 112E30 Bali, Borneo, Lombok and Madura; Java, Local Mean Time of Batavia, 106E45
	5) S.T. Meridian 105E00 Bangka, Benkoelen, Billiton, Djambi, Enggano, Lampongs, Palembang and Riouw
	6) S.T. Meridian 97E30 Sumatra and islands west of it (except Benkoelen, Djambi, Enggano, Lampongs, Palembang and Riouw)

NETHERLANDS GUIANA See Surinam

NETHERLANDS NEW GUINEA

Netherlands colony in East Indies

Capital: Manokwari 0S52 134E05

S.T. Meridian 135E00

No Daylight Saving Time

NETHERLANDS TIMOR See Netherlands East Indies

NETHERLANDS WEST INDIES See Netherlands Antilles

NEVIS ISLAND

British associate state in the West Indies

Capital: Charlestown 17N08 62W37

To 1912

Local Mean Time

1912 3/2

S.T. Meridian 60W00

No Daylight Saving Time

NEW BRITAIN See New Guinea

NEW CALEDONIA AND DEPENDENCIES

French colony in South Pacific

Capital: Noumea 22S16 166E28

To 1912

Local Mean Time of Noumea 166E28

1912 1/13

Adopted S.T. Meridian 165E00

Daylight Saving Time

1977 12/4-1978 2/27
1978 12/3-1979 2/27

1981-90 Not observed

NEW GEORGIA See British Solomon Islands

NEW GUINEA

Mandated territory under Commonwealth of Australia; formerly German colonies
Capital: Rabaul 4S12 152E12

Northeastern New Guinea

Capital: Nugima, New Hanover 2S27 150E40

1912 10/1 Adopted S.T. Meridian 150E00
No Daylight Saving Time

Bismarck Archipelago (former Australian mandate)

New Britain Capital: Rabaul 4S12 152E12

New Ireland Capital: Kawieng 2S34 150E49

Admiralty Islands Capital: Lorungau 2S01 147E17

1912 10/1 Adopted S.T. Meridian 150E00
No Daylight Saving Time

Solomon Islands Capital: Kieta 6S11 155E40

1912 10/1 Adopted S.T. Meridian 165E00
No Daylight Saving Time

NEW HANOVER See New Guinea

NEW HEBRIDES

British/French condominium in South Pacific

Capital: Port Villa 17S44 168E18

1912 1/13 Adopted S.T. Meridian 165E00
No Daylight Saving Time

NEW IRELAND See New Guinea

NEW NANTUCKET ISLAND See Gilbert Islands

NEW SOUTH WALES See Australia

NEW YORK ISLAND See Gilbert Islands

NEW ZEALAND

British dominion in South Pacific

Capital: Wellington 41S18 174E47

1752 9/14 Adopted Gregorian Calendar

1868 11/2 Adopted S.T. Meridian 172E30

1946 1/1 Adopted S.T. Meridian 180E00

Daylight Saving Time

(changes at 2:00 a.m.)

Add 1 hr:	1938 9/25-1939 4/30	1982 10/31-1983 3/7
1927 11/6-1928 3/4	1939 9/24-1940 4/28	1983 10/30-1984 3/6
Add 1/2 hr:	1940 9/29-1946 1/1 (year round)	1984 10/28-1985 3/4
1928 10/14-1929 3/7	1947-73 Not observed	1985 10/27-1986 3/3
1929 10/14-1930 3/16	Add 1 hr:	1986 10/26-1987 3/2
1930 10/12-1931 3/15	1974 10/27-1975 3/2	1987 10/25-1988 3/1
1931 10/11-1932 3/20	1975 10/26-1976 3/7	1988 10/30-1989 3/6
1932 10/9-1933 3/19	1976 10/31-1977 3/6	1989 10/8-1990 3/5
1933 10/8-1934 4/29	1977 10/30-1978 3/5	1990 10/7-1991 3/17
1934 9/30-1935 4/28	1978 10/29-1979 3/4	1991 10/6-1992 3/15
1935 9/29-1936 4/26	1979 10/28-1980 3/2	1992 10/4-1993 3/21
1936 9/27-1937 4/25	1980 10/26-1981 3/1	1993 10/3-1994 3/20
1937 9/26-1938 4/24	1981 10/25-1982 3/7	1994 10/2-1995 3/19

NICARAGUA

Republic in Central America

Capital: Managua 12N08 86W18

To 1934	Local Mean Time of Managua 86W18
1934 6/23	Adopted S.T. Meridian 90W00
	<i>Daylight Saving Time</i>
1979 3/18-6/25	1980 3/16-6/23

NICOBAR ISLANDS

With Andaman Islands, formerly a province of India located in the Indian Ocean

Capital: Nankauri 8N02 93E32

1920s	Adopted S.T. Meridian 97E30 (date unconfirmed)
	<i>No Daylight Saving Time</i>

NIGER

Formerly two provinces (Eastern and Western Niger) of French West Africa; Western Niger became independent August 3, 1960; Eastern Niger became independent October 1, 1960

Capital: Niamey 13N31 2E07

1912 1/1	Western Niger adopted S.T. Meridian 0E00
1934 2/26	Eastern Niger adopted S.T. Meridian 15E00
	<i>No Daylight Saving Time</i>

NIGERIA

Federation in West Africa; former British colony and protectorate; became independent October 1, 1960

Capital: Lagos 6N27 3E23

1919 9/1	Adopted S.T. Meridian 15E00
	<i>No Daylight Saving Time</i>

NINGSIA-HUI See China

NINTAO ISLAND See Tuvalu

NIPPON See Japan

NIUE ISLAND See Savage Island

NON-FEDERATED MALAY STATES See Malaya

NORFOLK ISLAND

Australian territory in South Pacific

Capital: Kingston 29S04 167E58

S.T. Meridian 168E00	<i>No Daylight Saving Time</i>
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NORTH BORNEO See British North Borneo

NORTH EAST NEW GUINEA See New Guinea

NORTHERN IRELAND See Great Britain

NORTHERN RHODESIA See Rhodesia

NORTHERN SHAN TERRITORIES See Burma

NORTHERN TERRITORY See Australia

NORTH SUMATRA See Netherlands East Indies

NORWAY

Kingdom in northern Europe

Capital: Oslo 59N55 10E44

To 1834	Sun Time	
1834	Local Mean Time	
1895 1/1	Adopted S.T. Meridian 15E00	
	<i>Daylight Saving Time</i>	
	<i>(Begins 2:00 a.m., ends 3:00 a.m.)</i>	
1916 5/22-9/30	1961 3/19-9/17	1984 3/31-9/28
1917-39 Not observed	1962 3/18-9/16	1985 3/31-9/27

1940 8/11-1942 11/2	1963 3/17-9/15	1986 3/30-9/28
1943 3/29-10/4	1964 3/15-9/20	1987 3/29-9/27
1944 4/3-9/17	1965 4/25-9/19	1988 3/27-9/25
1945 4/2-10/1	1980 4/6-9/28	1989 3/26-9/24
1946-58 Not observed	1981 3/29-9/26	1990 3/25-9/30
1959 3/15-9/20	1982 3/28-9/25	
1960 3/20-9/18	1983 3/25-9/29	

NOSSI-BE See Madagascar

NOUVELLE GALLES DU SUD See New South Wales

NOUVELLE HEBRIDES See New Hebrides

NOUVELLE ZELANDE See New Zealand

NOUVELLE ZEMBLE See Soviet Union

NOVAYA ZEMLYA See Soviet Union

NUBIA See Anglo-Egyptian Sudan and Egypt

NUI ISLAND See Tuvalu

NUKULAEALAE ISLAND See Tuvalu

NYASALAND See also Malawi

Former British protectorate in East Africa

Capital: Zomba 15S23 35E18

S.T. Meridian 30E00

No Daylight Saving Time

OCEANIA

French possession in South Pacific

1912 10/1 Adopted S.T. Meridian 150W00

OCEAN ISLAND See Gilbert Islands

OKINAWA ISLAND See Japan

OMAN, SULTANATE

Independent monarchy on the Arabian Peninsula; formerly called Muscat and Oman

Capital: Muscat 23N37 58E37

S.T. Meridian 60E00, but watches are commonly set to midnight at sunset

No Daylight Saving Time

ORANGE FREE STATE See Union of South Africa

ORKNEY ISLANDS See Great Britain

OSTPREUSSEN See Germany

OUBANGI-CHARI See French Equatorial Africa

OUTER MONGOLIA See Mongolian People's Republic

PAHANG See Malaya

PAKISTAN

Former part of India; August 15, 1947, became sovereign nation; March 23, 1956, declared itself a republic

Capital: Islamabad 33N43 75E17

See India for time information prior to 1947

1947-51

Observed S.T. Meridian 97E30 for civil purposes; 82E30 for railways, postal, etc.

1951 9/30

Two time zones established:

East Pakistan adopted S.T. Meridian 90E00

Dacca 23N43 90E25

West Pakistan adopted S.T. Meridian 75E00

Karachi 24N52 67E02

No Daylight Saving Time

PALAU See South Seas Mandated Territories

PALESTINE

Former British mandated territory; now Israel; became independent May 14, 1948

Capital: Jerusalem 31N47 35E10

Diplomatic Capital: Tel Aviv 32N04 34E46

To 1918 Local Mean Time of Jerusalem 35E10

1919 S.T. Meridian 30E00

Daylight Saving Time

(changes at 0 hr)

1940 6/1-1942 11/1

1944 4/1-11/1

1946 4/16 2:00 a.m.-11/1

1943 4/1 2:00 a.m.-11/1

1945 4/16-11/1 2:00 a.m.

1947 Not observed

See Israel for later dates

PANAMA

Republic between Central and South America

Capital: Panama City 8N57 79W32

To 1908 Local Mean Time of Colon 79W54

1908 4/22 0 hr Adopted S.T. Meridian 75W00

Natives continued Local Mean Time until 1910

PAPUA

Former Australian territory in East Indies; became independent September 17, 1975

Capital: Port Moresby 9S27 147E08

To 1895 Local Mean Time of Port Moresby 147E08

1895 S.T. Meridian 150E00

No Daylight Saving Time

PARAGUAY

Republic in South America

Capital: Asuncion 25S16 57W41

To 1931 Local Mean Time of Asuncion 57W41

1931 10/10 Adopted S.T. Meridian 60W00

Daylight Saving Time

1977 10/1-1978 2/28

1983 10/1-1984 3/31

1988 10/1-1989 3/31

1978 10/1-1979 2/28

1984 10/1-1985 3/31

1989 10/1-1990 3/31

1979 10/1-1980 4/1

1985 10/1-1986 3/31

1990 10/1-1991 3/31

1981 10/1-1982 3/31

1986 10/1-1987 3/31

1982 10/1-1983 3/31

1987 10/1-1988 3/31

PATAGONIA See Argentina

PAYS-BAS See Netherlands

PELELIU ISLAND See South Sea Mandated Territories

PEMBA ISLAND

In the Indian Ocean east of Tanzania

S.T. Meridian 36E00

No Daylight Saving Time

PENANG See Malaya

PEOPLE'S REPUBLIC OF CHINA See China

PEOPLE'S REPUBLIC OF CONGO See Congo (Brazzaville)

PERAK See Malaysia

PERIM ISLAND See Yemen, People's Democratic Republic of

PERLIS See Malaya

PERSIA See Iran

PERU

Republic in South America
Capital: Lima 12S03 77W03

To 1908 Local Mean Time of Callao 77W09
1908 7/28 Adopted S.T. Meridian 75W00

*Daylight Saving Time
(Changes at 0 hr)*

1938 1/1-1938 4/1
1938 9/25-1939 3/26

1939 9/24-1940 3/24
1981-85 Not observed

1986-90 Not observed

PESCADORES ISLANDS See Japan

PETIT MARTINIQUE ISLAND See Grenada

PHILIPPINES

Former U.S. territory in western Pacific Ocean; became independent republic July 4, 1946

Former capital: Manila 14N35 120E59

Present capital: Quezon City 14N00 122E11

Islands run from 112E30 to 127E30

To 1899 Local Mean Time

1899 5/11 Adopted S.T. Meridian 120E00 (not all civilians used it immediately)

*Daylight Saving Time
(changes at 0 hr)*

1936 11/1-1937 2/1

1954 4/12-1954 7/1

During the Japanese regime, underground forces used Daylight Saving Time for communications only; civilians did not observe it.

PHOEBE ISLAND See Gilbert Islands

PHOENIX GROUP See Gilbert Islands

PITCAIRN ISLAND

British colony in South Pacific

Capital: Adamstown 25S00 130W05

S.T. Meridian 150W00

PODKARPATSKA See Czechoslovakia

POLAND

Republic in Europe

Capital: Warsaw 52N14 21E10

Gregorian Calendar adopted:

1582 10/21 (OS) followed by 11/1 (NS)

1918 3/18 (OS) followed by 4/1 (NS) by Russian Poland, or according to another source 2/14 (OS) followed by 3/1 (NS); (difference may be due to Civil War and two governments)

1923 May Adopted by members of the Orthodox Churches

Note: The date of birth of Poles born in the Russian part of Poland was usually given in two styles. If only one date is known, then the religious denomination should be considered; Catholics and Protestants used NS, and Orthodoxists used OS. If the religion of the person is unknown, it may be safe to presume it to be Roman Catholic.

1981 10/1 Former Austrian Poland adopted S.T. Meridian 15E00

1893 4/1 Former German Poland adopted S.T. Meridian 15E00

1893 4/1 Former Russian Poland adopted two systems:

1) S.T. Meridian 21E00 in territories formerly known as Congress Poland

2) S.T. Meridian 30E18 in the remaining parts of former Russian Poland

1916 5/1 S.T. Meridian 15E00 adopted in the area of German occupation in the Russian part of Poland

Daylight Saving Time

Germany and occupied area:

1916 4/30 11:00 p.m.-10/1 1:00 a.m.

1917 4/16 2:00 a.m.-9/17 3:00 a.m.

1918 4/15 2:00 a.m.-9/16 3:00 a.m.

Austria and occupied area:

1916-18 as above

1919 4/28 2:00 a.m.-9/29 3:00 a.m.

Russia and Occupied Area

(There are two versions, which might be due to the Civil War, but the first list is more convincing; all dates in NS.)

1st list (changes 11:00 p.m., 0 hr)

1917 5/13-9/13

1918 6/29-8/31

1919 Not observed

Polish Republic

1918 4/15 2:00 a.m.-9/16 3:00 a.m.

1919 4/15 2:00 a.m.-1922 5/31 24 hr

World War II

(Dates marking the start of the movement of the fronts: The Soviets established S.T. Meridian 30E00 1939 9/17 and the Germans reestablished S.T. Meridian 15E00 1941 6/22; actual dates for any given place should be checked in World War II reference books.)

Third Reich and Annexed Areas

*1940 4/1 2:00 a.m.-1942 11/1 3:00 a.m.

1943 3/29 2:00 a.m.-10/4 3:00 a.m.

*1944 4/3 2:00 a.m.-10/7 0 hr

*General Government differed: Starting time in 1940 was Juen 23; in 1944, starting time (as Reich) was November 31 0 hr.

Polish People's Republic

1945 4/29 0 hr-11/1 1:00 a.m.

1946 4/14 0 hr-10/7 3:00 a.m.

1947 5/4 2:00 a.m.-10/5 3:00 a.m.

2nd List (changes at 24 hr)

1917 4/14-1918 12/31:

Double time 1918 5/31-12/31

1922-1939 Not observed

1948 4/17 2:00 a.m.-10/3 3:00 a.m.

1949 4/10 2:00 a.m.-10/2 3:00 a.m.

1950-56 Not observed

Following changes begin at 1:00 a.m., end at 2:00 a.m.

1957 6/2-9/29

1958 3/30-10/4

1959 5/31-10/4

1960 4/3-10/3

1961 5/28-10/1

1962 5/27-9/30

1963 5/26-9/29

1964 5/31-9/27

1965-76 Not observed

1977 4/3-9/25

1978 4/2-10/1

1979 4/1-9/29

1980 3/30-9/28

1981 3/29-9/26

1982 3/28-9/25

1983 3/27-9/24

1984 3/25-9/29

1985 3/31-9/28

1986 3/30-9/28

1987 3/29-9/27

1988 3/27-9/25

1989 3/26-9/24

1990 3/25-9/30

POLYNESIA See Society Islands, Marquesas Islands, Tuamotu Archipelago, Gambier Islands and Austral Islands

PONDICHERY See French Establishments in India

PONDOLAND See Union of South Africa

PONTIANAK, BORNEO See Netherlands East Indies

PORTUGAL

Republic located in western Europe

Capital: Lisbon 38N43 9W10

1582 10/15 (NS) Adopted Gregorian Calendar

1911 Local Mean Time of Lisbon 9W10

1912 1/1 Adopted S.T. Meridian 0W00

Daylight Saving Time

1916 6/17 11:00 p.m.-11/1 1:00 a.m.

1917 3/1 11:00 p.m.-10/15 0 hr

1918 3/1 11:00 p.m.-10/15 0 hr

1919 3/1 11:00 p.m.-10/15 0 hr

1920 3/1 11:00 p.m.-10/15 0 hr

1921 3/1 11:00 p.m.-10/15 0 hr

1922-23 Not observed

1924 4/16 11:00 p.m.-10/5 0 hr

1951 4/2-10/7

1952 4/6-10/5

1953 4/5-10/4

1954 4/4-10/3

1955 4/3-10/2

1956 4/1-10/7

1957 4/7-10/6

1958 4/6-10/5

1925	Not observed	1959	4/5-10/4
1926	4/17 11:00 p.m.-10/3 0 hr	1960	4/3-10/2
1927	4/9 11:00 p.m.-10/2 0 hr	1961	4/2-10/1
1928	4/14 11:00 p.m.-10/7 0 hr	1962	4/1-10/7
1929	4/20 11:00 p.m.-10/6 0 hr	1963	4/7-10/6
1930	Not observed	1964	4/5-10/4
1931	4/18 11:00 p.m.-10/4 0 hr	1965	4/4-10/3
1932	4/2 11:00 p.m.-10/2 0 hr	1966	3/3-12/31
1933	Not observed	1967-75,	observed year round
1934	4/7 11:00 p.m.-10/7 0 hr	1976	1/1-9/26
1935	3/30 11:00 p.m.-10/6 0 hr	1977	3/27-6/25
1936	4/18 11:00 p.m.-10/4 0 hr	1978	4/1-10/1
1937	4/3 11:00 p.m.-10/3 0 hr	1979	3/31-9/30
1938	3/26 11:00 p.m.-10/2 0 hr	1980	4/6-9/28
1939	4/15 11:00 p.m.-11/19 0 hr		(begins 0 hr, ends 1:00 a.m.)
1940	2/24 11:00 p.m.-10/8 0 hr	1981	3/28-9/26
1941	4/5 11:00 p.m.-10/6 0 hr	1982	3/27-9/25
*1942	3/14 11:00 p.m.-10/25 0 hr	1983	3/26-9/24
*1943	3/13 11:00 p.m.-10/31 0 hr	1984	3/24-9/29
*1944	3/11 11:00 p.m.-10/29 0 hr	1985	3/23-9/28
*1945	3/10 11:00 p.m.-10/28 0 hr		(begins 1:00 a.m., ends 2:00 a.m.)
1946	4/6 11:00 p.m.-10/6 0 hr	1986	3/30-7/28
1947-66,	changes at 2:00 a.m.	1987	3/29-9/27
1947	4/6-10/5	1988	3/27-9/25
1948	4/4-10/3	1989	3/26-9/24
1949	4/3-10/2	1990	3/25-9/30
1950	4/1-10/1		
*Double Summer Time, changes at 11:00 p.m. and 0 hr			
1942	4/25-8/16	1944	4/22-8/27
1943	4/17-8/29	1945	4/21-8/26

PORTUGUESE EAST AFRICA See also Mozambique

Portuguese colony in East Africa

Capital: Lourenco-Marques 25S58 32E35

To 1903 Local Mean Time of Mozambique 40E40
1903 3/1 S.T. Meridian 30E00

No Daylight Saving Time

PORTUGUESE GUINEA LSee also Guinea-Bissau

Portuguese overseas province in West Africa

Capital: Bissau 11N51 15W32

To 1911 Local Mean Time of Bolama 15W32
1911 5/26 Adopted S.T. Meridian 15W00

No Daylight Saving Time

PORTUGUESE INDIA

Portuguese colony in Indian sub-continent, including Daman, Diu and Goa; taken by India December 18, 1961

Capital: Nova Goa 15N25 74E05

1911 7/18 Adopted S.T. Meridian 82E30, except Macao
1912 1/1 Macao (Macau) 22N11 113E34 adopted S.T. Meridian 120E00

Daylight Saving Time

(before 1961, information unconfirmed)

1961	3/19-11/5	1968	4/21-10/20	1975	4/20-10/19
1962	3/18-11/4	1969	4/20-10/19	1976	4/18-10/17
1963	3/17-11/3	1970	4/19-10/18	1977	4/17-10/16
1964	3/22-11/1	1971	4/18-10/17	1978	4/16-10/15
1965	3/21-10/31	1972	4/16-10/15	1979	4/15-10/21
1966	4/17-10/16	1973	4/15-10/21	1980	4/20-10/19
1967	4/16-10/22	1974	4/21-10/20		

PORTUGUESE TIMOR

Former Portuguese colony in East Indies; annexed by Indonesia May 3, 1976

Capital: Dili 8S34 125E35

To 1912 Local Mean Time
1912 1/1 Adopted S.T. Meridian 120E00

PORTUGUESE WEST AFRICA See also Sao Tome

Former Portuguese colony in Africa; area now composed of independent countries

Capital of Angola: Luanda 8S49 13E14

1912 1/1 Adopted S.T. Meridian 15E00, except the following, where 0E00 was adopted:
Principe Island, San Antonio 1N39 7E25
Sao Thome Island, Sao Thome 0N20 6E43
No Daylight Saving Time

PRINCE'S ISLAND See Portuguese West Africa

PRINCIPE ISLAND See Sao Tome and Principe

PROVINCE WELLESLEY See Malaya

PRUSSIA See Germany

QATAR See also Saudi Arabia

A peninsula off the Arabian coast extending into the Persian (Arabian) Gulf; former British protected state; became independent September 1, 1971

Capital: Doha 25N17 51E32

QUEENSLAND See Australia

RAOUL ISLAND See Kermadec Islands

RAPA ISLAND See French Polynesia

RARATONGA ISLAND See Cook Islands

REDONDA ISLAND See Antigua

REPUBLIC OF CAMEROON See Cameroon

REPUBLIC OF CHINA See Taiwan

REPUBLIC OF MALDIVES See Maldives Islands

REPUBLIC OF SOUTH AFRICA See South Africa

REPUBLIC OF TOGO See Togo

REPUBLIQUE DOMINICAINE See Dominican Republic

REPUBLIQUE FEDERATIVE POPULAIRE DE BULGARIE See Bulgaria

REPUBLIQUE FEDERATIVE POPULAIRE DE'L ALBANIE See Albania

REPUBLIQUE ORIENTALE DE L'URUGUAY See Uruguay

REUNION ISLAND

French colony in Indian Ocean

Capital: Saint-Denis 20S52 55E33

To 1911 Local Mean Time of Saint-Denis 55E33
1911 6/1 Adopted S.T. Meridian 60E00
No Daylight Saving Time

RHODESIA See also Zambia

Located in South Africa

Northern Rhodesia, British protectorate, Capital: Livingstone 17S51 25E52

Southern Rhodesia, British colony, Capital: Salisbury 17S50 31E03

To 1903 Local Mean Time
1903 3/1 Adopted S.T. Meridian 30E00
No Daylight Saving Time

RIO DE ORO

Former Spanish province on the northwest coast of Africa; relinquished to Morocco and Mauritania in February 1976

Capital: Villa Cisneros 23N40 15W55

1934 2/26 S.T. Meridian 15W00

1960 11/28 S.T. Meridian 0W00

No Daylight Saving Time

RIO MUNI See Equatorial Guinea

RIOUW-ARCHIPELAGO See Netherlands East Indies

RODRIGUES ISLAND

Dependency of Mauritius in Indian Ocean

Capital: Port Mathuria 19S40 63E26

To 1907 Local Mean Time of Port Mathuria 63E26

1907 1/1 S.T. Meridian 60E00

No Daylight Saving Time

ROMANIA

Republic located in eastern Europe

Capital: Bucharest 44N26 26E06

1919 3/18 Adopted Gregorian Calendar

1891 10/1 S.T. Meridian of Bucharest 26E06

1931 7/24 Adopted S.T. Meridian 30E00

1941 mid-year S.T. Meridian 15E00

1945 April S.T. Meridian 30E00

Daylight Saving Time

(begins 0 hr, ends 1:00 a.m.)

1932 5/22-10/2

1939 4/2-10/7

1984 3/31-9/28

1933 4/2-10/1

1943 3/29-10/4

1985 ?

1934 4/8-10/7

1944 4/3-10/8

1986 3/30-9/28

1935 4/7-10/6

1980 4/5-9/27

1987 3/29-9/27

1936 4/5-10/4

1981 4/5-9/26

1988 3/27-9/25

1937 4/4-10/3

1982 4/4-9/25

1989 3/26-9/24

1938 4/3-10/2

1983 4/1-9/29

1990 3/25-9/30

ROTUNDA (ROTOUMAH) ISLAND See Fiji Islands

ROUMANIE See Romania

ROYAUME HACHEMITE DE TRANSJORDANIE See Jordan

RUHR TERRITORY See Germany

RUMANIA See Romania

RUS-KARPATSKA See Czechoslovakia

RUSSIA See Soviet Union

RUSSIAN POLAND See Poland

RUTHENIA See Czechoslovakia

RWANDA

Formerly part of Belgian Congo in Africa; became independent republic July 1, 1962

Capital: Kigali 1S57 30E00

1935 6/1 Adopted S.T. Meridian 30E00

No Daylight Saving Time

RYUKYU ISLANDS See Japan

SAAR BASIN See Germany

SABA

Island in the Netherlands Antilles located at 17N38 63W10

1912 2/12 Local Mean Time of 63W16

1965 1/1 S.T. Meridian 60W00

No Daylight Saving Time

SABAH See Malaysia

SACHSEN See Germany

SAHARA See Algeria, French West Africa and Rio de Oro

SAINT BARTHELEMY See Guadeloupe

SAINT CHRISTOPHER

British associate state in the West Indies

Capital: Basseterre 17N18 62W43

To 1912 Local Mean Time

1912 3/2 S.T. Meridian 60W00

No Daylight Saving Time

SAINT EUSTATIUS (Eustachius)

Located in the Netherlands Antilles at 17N30 62W59

1912 2/12 Local Mean Time of 63W15

1965 1/1 S.T. Meridian 60W00

No Daylight Saving Time

SAINT HELENA AND DEPENDENCIES

With Ascension Island and Tristan de Cunha, a British colony in South Atlantic

Capital: Saint Helena 15S57 5W42

Ascension

To 1912 Local Mean Time of 14W25

1912 1/1 S.T. Meridian 15W00

1960s S.T. Meridian 0W00

Saint Helena

To 1912 Local Mean Time of 5W42

1912 1/1 S.T. Meridian 5W45

1960s S.T. Meridian 0W00

Tristan de Cunha

To 1912 Local Mean Time of 12W19

1912 1/1 S.T. Meridian 15W00

1960s S.T. Meridian 0W00

SAINT KITTS See St. Christopher

SAINT LUCIA ISLAND

British associate state in the West Indies

Capital: Castries 14N01 61W00

To 1912 Local Mean Time of Castries 61W00

1912 S.T. Meridian 60W00

No Daylight Saving Time

SAINT MARIN See San Marino

SAINT MARTIN See Guadeloupe

SAINT PIERRE AND MIQUELON

French colony in North Atlantic

Capital: St. Pierre 46N46 56W10

To 1911 Local Mean Time

1911 5/15 S.T. Meridian 60W00

No Daylight Saving Time

SAINT THOMAS See Sao Tome and Principe

SAINT VINCENT ISLAND

British associate state in the West Indies

Capital: Kingstown 13N09 61W14

To 1912 Local Mean Time of Kingstown 61W14
1912 S.T. Meridian 60W00*Daylight Saving Time*1981-85 Not observed 1987 4/5-10/25 1989 4/2-10/29
1986 Not observed 1988 4/3-10/30 1990 4/1-10/28**SAKHALIN, JAPANESE** See Japan**SAKHALIN, RUSSIAN** See Soviet Union**SALOMON ILES** See British Solomon Islands and New Guinea**SAMOA** See Western Samoa**SANDWICH ISLANDS** See Falkland Islands and Dependencies**SANGIHE** See Netherlands East Indies**SAN MARINO**

Republic near Italy

Capital: San Marino 43N56 12E27

S.T. Meridian 15E00

Daylight Saving Time

Same as Italy

SANTA CRUZ DE TENERIFE See Canary Islands**SANTA CRUZ, ILE** See New Guinea (Solomon Islands)**SAO JOAO BATISTA DE AJUDE** See Dahomey**SAO TOME AND PRINCIPE** See also Portuguese West Africa

Former Portuguese African territory; became independent July 12, 1975

Capital: Sao Tome 0N20 6E43

1912 1/1 S.T. Meridian 0E00

*No Daylight Saving Time***SARAWAK**

Former British protectorate in East Indies; part of Malaysia since 1963

Capital: Kuching 1N33 110E21

1926 3/1 Adopted S.T. Meridian 112E30

1933 1/1 S.T. Meridian 120E00

*Daylight Saving Time**(20m advance, changes at 0 hr)*

1935-42 9/14-12/14

SARDEGNE See Italy**SARDINIA** See Italy**SAUDI ARABIA**

Kingdom on Arabian Peninsula

Royal Capital: Riad (Riyadh) 24N39 46E42

Administrative Capital: Jidda (Jeddah) 21N29 39E11

S.T. Meridian 60E00, but commonly clocks are set to midnight at sunset

*No Daylight Saving Time***SAUMLAKI** See Netherlands East Indies**SAVAGE ISLAND (NIUE)**

New Zealand dependency in the South Pacific

Capital: Alofi 19S02 169W55

S.T. Meridian 170W00

SAVOY See France

SAXONY See Germany

SCHLESSEN See Germany

SCHOUTEN ISLANDS See Netherlands East Indies

SCHWABEN See Germany

SCHWEIZ See Switzerland

SCORESBY SOUND See Greenland

SCOTLAND See Great Britain

SELANGOR See Malaya

SENEGAL

Former province of French West Africa; became independent republic August 20, 1960

Capital: Dakar 14N40 17W26

To 1912 Local time by sundial

1912 1/1 0 hr S.T. Meridian 15W00

1941 6/1 0 hr S.T. Meridian 0W00

No Daylight Saving Time

SERANG See Netherlands East Indies

SERBIA See Yugoslavia

SEYCHELLES

Former British colony composed of some 86 islands including Mahe and Amirantes in the Indian Ocean; became independent June 29, 1976

Capital: Victoria 4S36 55E28

To 1906 Local Mean Time of Victoria 55E28

1906 6/1 Mahe adopted S.T. Meridian 60E00

1907 1/1 Amirante adopted S.T. Meridian 60E00

No Daylight Saving Time

SHANSI See China

SHANTUNG See China

SHENSI See China

SHETLAND ISLANDS See Great Britain

SHIKOKU See Japan

SIAM See Thailand

SIBERIA See Soviet Union

SICILY See Italy

SIEBENBURGEN See Romania

SIERRA LEONE

Former British colony and protectorate in West Africa; became independent April 27, 1961, and a republic April 19, 1971

Capital: Freetown 8N29 13W12

To 1913 Local Mean Time of Freetown 13W12

1913 6/1 S.T. Meridian 15W00

1961 S.T. Meridian 0W00

Daylight Saving Time

1935-42 40m advance of clocks from June to September

SILESIA See Germany or Poland

SINGAPORE

Former British Crown Colony in southern Asia; formerly part of Malaya; became independent August 9, 1965

Capital: Singapore 1N16 103E51

1945 9/2 Adopted S.T. Meridian 110E00

1950 1/1 Adopted S.T. Meridian 122E30

1981 12/31 11:30 p.m. Adopted S.T. Meridian 120E00

No Daylight Saving Time

SINKIANG-UIGHUR See China

SINT MARTEN ISLAND

Netherlands possession in the West Indies

Capital: Philipsburg 17N59 63W10

1912 2/12 Local Mean Time of 63W10

1965 1/1 S.T. Meridian 60W00

No Daylight Saving Time

SLAVONIA See Yugoslavia

SLOVAKIA See Czechoslovakia

SLOVENIA See Yugoslavia

SLOVENSKO See Czechoslovakia

SOCIETE, ILES See French Polynesia

SOCIETY ISLANDS See French Polynesia

SOCOTRA ISLAND See Yemen, People's Democratic Republic of

SOEMBA ISLAND See Netherlands East Indies

SOEMBAWA ISLAND See Netherlands East Indies

SOLOMON ISLANDS See New Guinea

SOMALIA

Formerly British and Italian Somaliland (see); now democratic republic in East Africa; became independent July 1, 1960

Capital: Mogadishu 2N02 45E21

1960 S.T. Meridian 45E00

No Daylight Saving Time

SOMALILAND See British, French or Italian Somaliland

SOMBRERO

British associate state in the West Indies located at 18N35 63W25

To 1911 Local Mean Time

1911 7/1 0:01 a.m. S.T. Meridian 60W00

No Daylight Saving Time

SOUDAN See French West Africa (French Sudan)

SOUDAN ANGLO-EGYPTIAN See Anglo-Egyptian Sudan

SOUS LE VENT, ILES See Windward Islands

SOUTH AFRICA See also Union of South Africa

Composed of the former British colonies of the Cape of Good Hope, Natal, Orange Free State and Transvaal; became independent republic May 31, 1961

Legislative Capital: Cape Town 33S55 18E25

Administrative Capital: Pretoria 25S45 28E11

S.T. Meridian 30E00

SOUTH AUSTRALIA See Australia

SOUTHERN RHODESIA See Rhodesia

SOUTHERN YEMEN See Yemen, People's Democratic Republic of

SOUTH GEORGIA See Falkland Islands and Dependencies

SOUTH SANDWICH ISLANDS See Falkland Islands and Dependencies

SOUTH SEA MANDATED TERRITORIES

Japanese mandated territories (former German possession) in North Pacific; taken from Japan in World War II

Mariana or Iadrona Islands

Capital: Tanapag 15N14 145E41

S.T. Meridian 135E00

Carolines (Palau, Peleliu, Truk, Yap)

Capital: Truk 7N22 151E54

Divided into three zones:

East of 154E00, S.T. Meridian 165E00

Between 154E00 and 148E00, S.T. Meridian 150E00

West of 148E00, S.T. Meridian 135E00

Marshall Islands (Bikini, Eniwetok, Kwaylein)

Capital: Jaluit 5N55 169E38

S.T. Meridian 165E00

1993 9/27 0 hr. Clocks set back in synch with the other islets in the group

No Daylight Saving Time

SOUTHWEST AFRICA See Namibia

SOVIET UNION

Formed at Petrograd (Leningrad), noon, September 15, 1917; disbanded in the 1990s

Capital: Moscow 55N45 37E35

<i>Republic</i>	<i>Capital</i>	<i>Latitude</i>	<i>Longitude</i>
Armenian	Erivan	40N11	44E30
Azerbaijan	Baku	40N25	49E50
Byelorussian	Minsk	53N50	27E35
Estonia	Tallinn	59N26	24E43
Georgia	Tbilisi	41N45	44E55
Latvian	Riga	56N55	24E07
Lithuanian	Vilna	54N41	25E19
Moldavian	Kishinev	47N00	28E50
Russia	Moscow	55N45	37E35
Ukrainian	Kiev	50N27	30E32
Kazakh	Alma-Ata	43N12	76E57
Kirghiz	Frunze	42N54	74E36
Tadzhik	Dushanbe	38N34	68E48
Turkmen	Ashkhabad	43N12	76E57
Uzbek	Tashkent	41N20	69E18

1918 2/114 Adopted Gregorian Calendar by dropping 13 days

19th century dates differ from Gregorian Calendar by 12 days

20th century dates differ from Gregorian Calendar by 13 days

Imperial Russian Time Zones formerly in use:

Riga	56N58 24E05	Local Mean Time in general use
Leningrad	59N53 29E54	Local Mean Time, official only
Nikolayev	46N58 32E00	Local Mean Time in general use
Sibera: Irkutsk	52N16 104E20	Local Mean time in general use
Vladivostock	42N05 131E50	Local Mean Time in general use

1930 6/16 Clocks advanced one hour until:

1931 1/1 Soviet Union rezoned into 11 time zones as follows:

Zone 1, 20E30-37E30, S.T. Meridian 30E00

Byelorussia

Central Black Soil Area

Kola Peninsula

Leningrad Area

Crimea	Moldavia
Ivanovo Industrial Area (west)	Moscow Industrial Area
Karelia	Ukraine
<i>Zone 2, 37E30-52E30, S.T. Meridian 45E00</i>	
Abkhaz	Ivanovo Industrial Area (central)
Adzhar	Kalmuck
Armenia	Kazak
Azerbaijan	Lower Volga Area
Bashkir	Middle Volga Area
Central Black Soil Area	Nakhichevan
Chuvash	Nizhni-Novgorod Area
Dagestan	N. Caucasian Area
Georgia	Tatar
	Ural Area (west)
<i>Zone 3, 52E30-67E30, S.T. Meridian 60E00</i>	
Bashkir (east)	Turkemen
Kara Kalpak Area	Ural Area (central)
Kazakh (central)	Uzbek
Tadzhik	
<i>Zone 4, 67E30-82E30, S.T. Meridian 75E00</i>	
Kazakh (east)	Ural Area (east)
Kirghiz	Yamal Peninsula
Siberian Area (west)	
<i>Zone 5, 82E30-97E30, S.T. Meridian 90E00</i>	
Cyrot-Tura Area	Siberia Area (central)
<i>Zone 6, 97E30-112E30, S.T. Meridian 105E00</i>	
Buryat-Mongol	Yakutsk (west)
Siberian Area (east)	
<i>Zone 7, 112E30-127E30, S.T. Meridian 120E00</i>	
Far Eastern Area (west)	Yakutsk (west central)
Siberian Area (southeast)	
<i>Zone 8, 127E30-142E30, S.T. Meridian 135E00</i>	
Far Eastern Area (west central)	Yakutsk (central)
<i>Zone 9, 142E30-157E30, S.T. Meridian 150E00</i>	
Far Eastern Area (central)	Yakutsk (east central)
<i>Zone 10, 157E30-172E30, S.T. Meridian 165E00</i>	
Far Eastern Area (east central)	Yakutsk (east)
Kamchatka	
<i>Zone 11, 172E30-Eastward, S.T. Meridian 180E00</i>	
	<i>Daylight Saving Time</i>
1917 4/14-1918 5/31	
Then clocks advanced one hour more for rest of 1918	
1930 6/16-12/31	
1941-45 Continuous	
Beginning and ending dates unavailable	
1963 All time zones advanced one hour year round	

SPAIN

Kingdom in western Europe on the Iberian Peninsula, including the enclaves of Ceuta and Melilla
 Capital: Madrid 40N25 3W41

1582 10/15 (NS)	Adopted Gregorian Calendar
To 1901	Local Mean Time of Madrid 3W41
1901 1/1	Adopted S.T. Meridian 0W00
1946 9/30 0 hr	Adopted S.T. Meridian 15E00

Daylight Saving Time
(begins 11:00 p.m., ends 0 hr)

1917 5/5-10/7	1920-23 Not observed	1927 4/9-10/2
1918 4/6-10/6	1924 4/15-10/5	1928 4/14-10/7
1919 4/5-10/5	1926 4/17-10/3	1929 4/20-10/6

Country split during Spanish Civil War

Zona Republicana

1937 6/16 11:00 p.m.-10/7 0 hr + 1 hour
1938 4/2 11:00 p.m.-4/30 11:00 p.m. + 1 hour
4/30 11:00 p.m.-10/3 0 hr + 2 hours
10/2 11:00 p.m.-12/31 24 hr + 1 hour
1939 3/31 11:00 p.m., see below

All of Spain

1939 4/15 11:00 p.m.-1946 9/30 0 hr plus*	1981 3/29-9/26
1947-48 Not observed	1982 3/28-9/25
1949 4/30 11:00 p.m.-10/3 0 hr	1983 3/25-9/29
1950-73 Not observed	1984 3/31-9/28
1974 4/13 11:00 p.m.-9/29 0 hr	1985 3/31-9/27
1975-76 Not observed	1986 3/30-9/28
1977 4/3 11:00 p.m.-9/25 0 hr	1987 3/29-9/27
1978 4/2-9/30	1988 3/27-9/25
1979 4/1-9/29	1989 3/26-9/24
1980 3/30-9/28	1990 3/25-9/30

*Add one more hour for Double Summer Time

(begins 11:00 p.m., ends 0 hr)

1942 5/2-9/2	1943 4/17-10/4	1944 4/15-10/11
1945 4/14-10/1	1946 4/13-9/30	

SPANISH GUINEA See Equatorial Guinea

SPANISH MOROCCO

Former Spanish possession in North Africa; now part of Morocco

Capital: Melilla 35N23 3W00

1901 1/1 Adopted S.T. Meridian 0W00; the Moors used sun time for years
1946 9/30 0 hr Adopted S.T. Meridian 15E00

Daylight Saving Time

Same as Spain (see Franco's Side for 1937-39)

SPANISH SAHARA See Rio de Oro

SRI LANKA See Ceylon

ST. SEE See Saint, Sint

STATE OF VATICAN CITY See Vatican City State

STRAITS SETTLEMENTS See Malaya

SUDAN

Formerly Anglo-Egyptian Sudan; became independent January 1, 1956

Capital: Khartoum 15N36 32E32

S.T. Meridian 30E00

Daylight Saving Time

1972 4/30-10/15	1975 4/27-10/15	1981-85 Not observed
1973 4/29-10/15	1976 4/25-10/15	
1974 4/28-10/15	1977 4/24-10/15	

SUEDE See Sweden

SUISSE See Switzerland

SUMATRA See Indonesia

SUNDAY ISLAND See Karmadec Islands

SUOMI See Finland

SURINAME

Former Netherlands Guiana on the north coast of South America; became independent November 25, 1976

Capital: Paramaribo 5N50 55W13

To 1911 Local Mean Time
1911 Local Mean Time of Paramaribo 55W13
1935 Adopted S.T. Meridian 55W08:35
1945 10/1 Adopted S.T. Meridian 52W30
1984 ? Adopted S.T. Meridian 45W00
No Daylight Saving Time

SWABIA See Germany

SWAZILAND

Former British protectorate in South Africa; became independent September 6, 1968

Capital: Mbabane 26S19 31E08

S.T. Meridian 30E00

No Daylight Saving Time

SWEDEN

Kingdom in northern Europe

Capital: Stockholm 59N20 18E03

1753 3/1 Adopted Gregorian Calendar
1879 1/1 0 hr Adopted S.T. Meridian 15E03 29.8
1900 1/1 1:00 a.m. Adopted S.T. Meridian 15E00
Daylight Saving Time

1916 5/14 11:00 p.m.-10/1 0 hr (government only)

1916 5/1-9/30 (country)

1917 4/16-9/15 1949 4/10-10/1

1918 4/6-9/15 1954 5/23-10/3

1941 4/8-1942 11/1 1955 5/22-10/2

1943 3/29-10/3 1956 6/3-9/30

1944 4/3-10/2 1957 6/2-9/29

1945 5/2-11/2 1980 4/6 2:00 a.m.-9/28 3:00 a.m.

1946 3/31-10/6 1991 4/6-9/27

1947 4/6-10/5

1948 4/4-10/4

(begins 2:00 a.m., ends 3:00 a.m.)

1981 3/29-9/26 1985 3/31-9/27 1989 3/26-9/24

1982 3/28-9/25 1986 3/30-9/28 1990 3/25-9/30

1983 3/25-9/29 1987 3/29-9/27

1984 3/31-9/28 1988 3/27-9/25

SWITZERLAND

Federal republic in central Europe

Capital: Bern 46N57 7E28

1584 1/22 Gregorian Calendar adopted by Catholic districts, including Lucerne, Schwyz, Solothurn and Zug

1701 1/12 Gregorian Calendar adopted by Baselstadt, Bern, Genf, Neuchatel, Cargons, Schaffhausen, Thurgau and Zurich

1724 1/1 Gregorian Calendar adopted by Protestant districts, including Appenzel, Glarus, St. Gallen

To 1894 Local Mean Time of Bern 7E28

1894 6/1 Adopted S.T. Meridian 15E00

Daylight Saving Time
(begins 2:00 a.m., ends 0 hr)

1941 5/5-10/6 1983 3/27-9/25

1942 5/4-10/5 1984 3/25-9/30

1981 3/29-9/26 1985 3/31-9/29

1982 3/28-9/26

(Begins 2:00 a.m., ends 3:00 a.m.)

1986 3/30-9/28 1988 3/27-9/25 1990 3/25-9/30

1987 3/29-9/27 1989 3/26-9/24

SYRIA

Formerly one of the Levant States in western Asia; became independent Arab republic January 1, 1944
 Capital: Damascus 33N30 36E18

1920 Adopted S.T. Meridian 30E00
Daylight Saving Time
(changes at 2:00 a.m.)

1920 4/18-10/3	1967 4/30-10/1	1977 4/24-10/1
1921 4/17-10/2	1968 4/28-10/1	1978 5/1-8/31
1922 4/16-10/1	1969 4/27-10/1	1981-85 Not observed
1923 4/15-10/7	1970 4/26-10/1	1986 2/16-10/19
1924-59 Not observed	1971 4/25-10/1	1987 2/22-10/18
1962 4/29-9/30	1972 4/30-10/1	1988 3/1-11/1
1963 4/28-9/30	1973 4/29-10/1	1989 3/1-11/1
1964 4/26-11/1	1974 4/28-10/1	1990 3/1-11/1
1965 4/25-9/30	1975 4/25-10/1	
1966 4/24-9/30	1976 4/25-10/1	

SZECHWAN See China

TADZHIK See Soviet Union

TAHITI See French Polynesia

TAIWAN REPUBLIC See also China

Official name: Republic of China; former Japanese possession returned to China in 1945
 Capital: T'aipei 25N03 121E30

1896 1/1 Adopted S.T. Meridian 120E00
Daylight Saving Time

1945-51 5/1-9/30	1960-61 6/1-9/30
1952 3/1-10/31	1962-73 Not observed
1953-54 4/1-10/31	1974-75 4/1-9/30
1955-59 4/1-9/30	1980 6/30-9/30

TALAUD See Netherlands East Indies

TANAH MIRAH See Netherlands East Indies

TANGANYIKA TERRITORY See also Tanzania

Former German East Africa and British Mandated Territory in East Africa; independent December 9, 1961
 Capital: Dar-es-Salaam 6S50 39E17

By 1931 Using S.T. Meridian 45E00
 By 1948 S.T. Meridian 41E15
 By 1961 S.T. Meridian 45E00

No Daylight Saving Time

TANGIER

Former international seaport in North Africa, controlled by Morocco since 1956
 Capital: Tanger 35N47 5W48

1917 10/26 S.T. Meridian 0W00, but Moors used sun time for years
Daylight Saving Time
(changes at 11:00 p.m.)

1918 5/6-10/7	1925 Not observed	1928 4/14-10/6
1919-23 Not observed	1926 4/17-10/2	
1924 4/16-10/4	1927 4/9-10/1	

TANIMBAR ISLAND See Netherlands East Indies

TANZANIA

Formerly British Mandate of Tanganyika and Zanzibar in East Africa; became united republic April 26, 1964
 Capital: Dar-es-Salaam 6S50 39E17

S.T. Meridian 41E15
 1961 S.T. Meridian 45E00

TASMANIA See Australia

TCHAD See Chad

TCHECOSLOVAQUIE See Czechoslovakia

TENERIFE See Canary Islands

TERNATE See Netherlands East Indies

THAILAND

Kingdom in southeastern Asia, formerly called Siam

Capital: Bangkok 13N45 100E31

To 1920

Local Mean Time of Bangkok 100E31

1920 4/1

Adopted S.T. Meridian 105E00

No Daylight Saving Time

THULE See Greenland

THURINGIA See Germany

TIBET See China

TIBET-CHAMDO See China

TIMOR See Netherlands East Indies and Portuguese Timor

TOBAGO See Trinidad and Tobago

TOGO

Formerly part of French West Africa and Gold Coast; became independent republic April 27, 1960

Capital: Lome 6N08 1E14

1893

Adopted S.T. Meridian 0E00

No Daylight Saving Time

TOKELAU ISLANDS See Union Islands

TONGA

Native kingdom under British protectorate; located in South Pacific; became independent June 4, 1970

Capital: Nukualofa 21S08 175W12

S.T. Meridian 175W00

1931

Friendly Islands (Iles Amis) using Local Mean Time of 167W40

TONKIN See French Indo-China

TORRES ISLAND See New Hebrides

TOSCANA See Italy

TRANSJORDAN See Jordan

TRANSKEI

Republic on the east coast of South Africa; became independent October 26, 1976

Capital: Umtata 28E47 31S35

1984 9/1

S.T. Meridian 30E00

TRANSVAAL See Union of South Africa

TRANSYLVANIA See Romania

TRENGGANU See Malaya

TRINIDAD AND TOBAGO

Former British colony in Lesser Antilles; became independent August 31, 1962

Capital: Port of Spain 10N39 61W31

1912 3/?

Adopted S.T. Meridian 60W00

No Daylight Saving Time

TRINITE See British West Indies and Brazil

TRIPOLIS See Libya

TRIPOLITANA See Libya

TRISTAN DE CUNHA See St. Helena

TRUCIAL COAST See Saudi Arabia

TRUK ISLAND See South Seas Mandated Territories

TSINGHAI See China

TUAMOTU ARCHIPELAGO See French Polynesia

TUBUAI ISLANDS (Austral) See French Polynesia

TUNISIA

Formerly regency under French administration in North Africa; became an independent republic
March 20, 1956

Capital: Tunis 36N48 10E10

To 1881 Legal time was Moslem Time, sunset to sunrise

1881 5/12 Local Mean Time of Paris 2E20

1911 3/9 Adopted S.T. Meridian 15E00

Daylight Saving Time

After 1939 may have been the same as France

1981-85 Not observed 1987 5/29-9/27 1989 5/29-9/24

1986 5/26-9/28 1988 5/30-9/25 1990 5/28-9/30

TURKESTAN See Soviet Union

TURKEY

Republic located in Europe and Asia

Capital until 1922: Istanbul 41N01 28E58

Capital after 1922: Ankara 39N57 32E50

1908 Europeans adopted Gregorian Calendar

1917 Asians adopted Gregorian Calendar

1880 Local Mean Time of Santa Sophia Cathedral in Istanbul 28E58

1910 10/1 Adopted S.T. Meridian 30E00, but two kinds of time were used: Turkish time (LMT of Santa Sophia 28E58) and 30E00 for the Europeans. Both times used by railways. Trains ran on 30E00 and time tables were in Turkish time. Official clocks were set each day to read noon by the sunrise method, but tower clocks, set on 30E00, were adjusted twice a week.

1978 6/30 Adopted 45E00 S.T. Meridian

1983 7/30 Returned to 30E00 S.T. Meridian

Daylight Saving Time

(Istanbul only)

1916 5/1-10/1 1921 4/3-10/3 1940s Observed, no dates

1920 3/28-10/25 1922 3/26-10/8

(Observed country-wide, changes at 0 hr and 2:00 a.m.)

1947 4/27-10/26 1976 3/21-10/31 1990 3/25-9/30

1948 4/25-10/31 1977 4/3-10/16 1991 3/31-9/29

1949 4/24-10/30 1978 4/2-6/29 1992 3/29-9/27

1950 4/30-10/29 1979-83 Not observed 1993 3/28-9/26

1951 4/29-10/28 1983 7/7-1984 11/1 1994 3/27-9/25

1952-61 Not observed 1985 4/21-9/28 1995 3/26-9/24

1962 7/15-1963 10/30 (changes at 1:00 a.m. and 2:00 a.m.) 1996 3/31-9/29

1964 Oct-1973 6/3 Not observed 1986 3/30-9/28 1997 3/30-9/28

1973 6/3-11/4 1987 3/29-9/27 1998 3/29-9/27

1974 3/31-11/3 1988 3/27-9/25 1999 3/28-9/26

1975 3/23-11/2 1989 3/26-9/24

TURKMEN See Soviet Union

TURKS ISLANDS See Jamaica

TURQUES, ILES See Jamaica

TURQUIE See Turkey

TUSCANY See Italy

TUVALU

Formerly the Ellice Islands; a group of nine islands, including Funafuti, Nanumea, Nukufetau, Nurakita, Nui, Nukulaelae and Vaitupu Islands

Capital: Fongafak, Funafuti 8S31 179E13

S.T. Meridian 180E00

No Daylight Saving Time

UGANDA

Former British protectorate in East Africa; became independent October 9, 1962, and a republic October 9, 1963

Former Capital: Entebbe 0N03 32E34

New Capital: Kampala 0N19 32E14

To 1928

Local Mean Time

1928 6/31 0 hr

Adopted S.T. Meridian 45E00

1930 1/1 0 hr

Adopted S.T. Meridian 37E30

By 1948

S.T. Meridian 41E15 (adoption date unknown)

No Daylight Saving Time

UKRAINE

1990 7/1

Declared independence from U.S.S.R. and adopted time zone one hour before Moscow

ULSTER See Northern Ireland under Great Britain

UNION DE L'AFRIQUE DU SUD See Union of South Africa

UNION ISLANDS (Tokelau)

In the Pacific Ocean southwest of Hawaii; administered by New Zealand

1911

S.T. Meridian 172W30

UNION OF SOUTH AFRICA

Legislative union of self-governing British colonies in South Africa

Capital: Pretoria 25S45 28E11

To 1892

Local Mean Time

Cape Colon Province

1892 2/8

Adopted S.T. Meridian 22E30

1903 3/1

Adopted S.T. Meridian 30E00

Cape of Good Hope

1892 2/8

Adopted S.T. Meridian 22E30

1903 3/1

Adopted S.T. Meridian 30E00

Natal

To 1894

Durban Observatory Time 31E03

1894 9/1

Adopted S.T. Meridian 30E00

Orange Free State

To 1892

Local Mean Time of Bloemfontein 26E13

1892 2/8

Adopted S.T. Meridian 22E30

1903 3/1

Adopted S.T. Meridian 30E00

Transvaal

1892 2/8

Adopted S.T. Meridian 22E30

1903 3/1

Adopted S.T. Meridian 30E00

By 1903 3/1

All of union was observing S.T. Meridian 30E00

Daylight Saving Time

(changes at 2:00 a.m.)

1942 7/27-1943 3/21 Natal

1942 9/20-1943 3/21 Transvaal, Orange Free State, Cape Province, Southwest Africa

1943 9/19-1944 3/19 All of the Union of South Africa, including High Commission Territories, Swaziland, Basutoland and Bechuanaland, except southwestern Africa

UNITED ARAB EMIRATES

Former British protected states stretching 400 miles along the Persian (Arabian) Gulf; became independent December 2, 1971 (see Saudi Arabia)

Capital: Abu Dhabi 24N30 54E28

Time not standardized

UNITED KINGDOM See Great Britain

UNITED REPUBLIC OF TANZANIA See Tanzania

UPPER SENEGAL See Senegal

UPPER VOLTA

Formerly part of French West Africa; became an independent republic August 5, 1960

Capital: Ouagadougou 12N22 1W31

1912 1/1 Adopted S.T. Meridian 0W00

URUGUAY

Republic in South America

Capital: Montevideo 34S53 56W10

1898 6/28 0 hr Adopted Local Mean Time of Montevideo 56W10

1920 5/1 0 hr Adopted S.T. Meridian 52W30

1942 12/14 0 hr Adopted S.T. Meridian 45W00

Daylight Saving Time

(changes at 0 hr)

Note: 30 minute increase only

Montevideo Only

1923 10/2-1924 4/1

1924 10/1-1925 4/1

Entire Country

1933 10/29-1934 4/1

1934 10/28-1936 4/1

1935 10/27-1936 3/30

1936 11/1-1937 3/28

1937 10/31-1938 3/27

Note: One hour increase on following

1942 12/14-1943 3/14

1944-58 Not observed

1959 5/24-1959 11/15

1960 1/17-3/6

1961-64 Not observed

1925 10/1-1926 4/1

1927-32 Not observed

1938 10/30-1939 3/26

1939 10/29-1940 3/31

1940 10/27-1941 3/30

1941 8/1-1942 1/1

1965 4/4-9/26

1966-71 Not observed

1972 April to mid-August (power shortage)

1973-77 Not observed

URUNDI See Burundi

UVEA ISLAND See New Caledonia

UZBEK See Soviet Union

VAITUPU ISLAND See Tuvalu

VANUATU

Located in southwestern Pacific, 1,200 miles northeast of Brisbane, Australia; became a republic July 30, 1980

Capital: Villa 17S44 168E18

S.T. Meridian 165E00

No Daylight Saving Time

VATICAN CITY, ETAT DU See Vatican City State

VATICAN CITY STATE

Located in Rome, Italy

Vatican Observatory: 41N54 12E27

1893 11/1 0 hr Adopted S.T. Meridian 15E00

Daylight Saving Time
Unconfirmed; perhaps same as Rome

1981 3/29-9/26	1985 3/31-9/27	1988 3/27-9/25
1982 3/28-9/25	(begins 2:00 a.m., ends 3:00 a.m.)	1989 3/26-9/24
1983 3/25-9/29	1986 3/30-9/28	1990 3/25-9/30
1984 3/31-9/28	1987 3/29-9/27	

VENEZUELA

Republic in South America

Capital: Caracas 10N30 66W55

To 1912 Local Mean Time of Caracas 66W55

1912 2/12 S.T. Meridian 67W30

1965 1/1 0:30 a.m. Adopted S.T. Meridian 60W00

No Daylight Saving Time—sunset varies only 30 to 45 minutes during the year

VICTORIA See Australia

VIETNAM, NORTH See also French Indo China

Formerly French Indo-China; became Democratic Republic of Vietnam June 4, 1954; reunited with South Vietnam to become Socialist Republic of Vietnam July 2, 1976

Capital: Hanoi 21N01 105E50

1912 5/1 S.T. Meridian 120E00

1931 5/1 S.T. Meridian 105E00

No Daylight Saving Time

VIETNAM, SOUTH See also French Indo China

Formerly French Indo-China; became Republic of Vietnam December 29, 1954; reunited with North Vietnam to become Socialistic Republic of Vietnam July 2, 1976

Capital: Saigon 10N47 106E35

1906 6/9 Local Mean Time of 106E35

No Daylight Saving Time

VIRGIN ISLANDS

British possession in the Caribbean Sea

Capital: Roadtown, Tortola 18N27 64W37

To 1911 Local Mean Time

1911 7/1 0:01 a.m. S.T. Meridian 60W00

No Daylight Saving Time

VOLCANO ISLANDS See Japan

WALES See Great Britain

WALLACHIA See Romania

WALLIS AND FUTUNA ISLANDS

French protectorate in South Pacific

Capital: Matu-Utu 13S17 176W08

S.T. Meridian 180W00

WALVIS BAY See Union of South Africa

WASHINGTON ISLAND See Gilbert Islands

WELLESLEY PROVINCE See Malaya

WESTERN AUSTRALIA See Australia

WESTERN NIGER See Niger

WESTERN SAMOA

Formerly British mandate administered by New Zealand in South Pacific; became independent January 1, 1962

Capital: Apia 13S49 171W46

To 1911 Local Mean Time of Apia 171W46

1911 S.T. Meridian 172W30
Daylight Saving Time

Same as New Zealand

WEST GERMANY See Germany, West

WEST INDIES

Greater Antilles: See Cuba, Dominican Republic, Haiti, Jamaica

Lesser Antilles: See Aruba, Bonaire, Curacao, Leeward Islands, Windward Islands

WEST IRIAN See Netherlands East Indies

WEST MALAYSIA See Malaysia

WEST PAKISTAN See Pakistan

WINDWARD ISLANDS See Aruba, Barbados, Bonaire, Curacao, Dominica, Grenada, Grenadines, Martinique, St. Lucia, St. Vincent

WRNAGEL ISLANDS See Soviet Union

YAEYAMA ISLANDS See Japan

YAMAL PENINSULA See Soviet Union

YANAON See French Establishments in India

YAP See South Sea Mandated Territories

YEMEN, ARAB REPUBLIC OF

Located on the Arabian Sea and Gulf of Aden; consists of states, sultanates and sheikdoms; formerly ruled by the British; also Kamaran, Perim and Socotra Islands; became independent November 30, 1967

Capitals: Aden 12N47 45E02

Medina as-Shaab 24N30 39E45

Time not standardized

YEMEN, PEOPLE'S DEMOCRATIC REPUBLIC OF

Located on the Arabian Sea and Gulf of Aden; consists of states, sultanates and sheikdoms formerly ruled by the British; also the islands of Kamaran, Perim and Socotra; became independent November 30, 1967

Capitals: Aden 12N47 45E02; Medina as-Shaab 24N30 39E45

Time not standardized

YUGOSLAVIA

Formerly Kingdom of Serbs, Croates and Slovenes

Capital: Belgrade 44N49 20E27

1819

Adopted Gregorian Calendar

1884

S.T. Meridian 15E00 adopted by Serbia and extended to Yugoslavia when new state was formed

1891 10/1

Serbia legalized S.T. Meridian 15E00

Daylight Saving Time

1941-44 Same as Germany

1984 3/31e-9/28e

1988 3/27-9/25

1981 Not observed

1985 ?

1989 3/26-9/24

1982 Not observed

1986 3/30-9/28

1990 3/25-9/30

1983 3/25-9/29

1987 3/29-9/27

YUNNAN See China

ZAIRE See also Congo and Congo (Kinshasa)

Republic in Equatorial Africa; changed its name from Congo to Zaire on October 27, 1971

Capital: Kinshasa 48S19 15E00

S.T. Meridian 15E00

No Daylight Saving Time

ZAMBIA See also Rhodesia

Formerly Northern Rhodesia in Africa; became independent republic October 24, 1964

Capital: Lusaka 15S25 28E18

1903 3/1

Adopted S.T. Meridian 30E00

No Daylight Saving Time

ZANZIBAR See also Tanzania

British protectorate in Indian Ocean off the eastern coast of Africa; became independent December 10, 1963

Capital: Zanzibar 6S10 39E11

By 1931

Observing S.T. Meridian 37E30

Later

Shifted to S.T. Meridian 41E15 (date unknown)

Shifted to S.T. Meridian 45E00 (1940s?)

ZIMBABWE

Located in East Africa; became independent April 18, 1980

Capital: Harare (Salisbury) 17S50 31E03

S.T. Meridian 30E00

No Daylight Saving Time

ZULULAND See Union of South Africa

Books by Doris Chase Doane

Accurate World Horoscopes
A New Age Conversation (with Dr. E. Cramer)
Astrologers Question Box
Astrology As A Business
Astrology Maps Advantages
Astrology of Childbirth
Astrology Rulerships
Astrology: 30 Years Research
Blending Astrology, Numerology and the Tarot
Contest Charts
1981-1985 World Wide Time Change Update
1986-1990 World Wide Time Change Update
Horoscopes of the U.S. Presidents
Horoscopes Reveal Personalities
How Astrology Can Help You
How Body Language Defines Character
How to Prepare and Pass an Astrologer's Certificate Exam
How to Read Cosmodynes
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Let's Read A Horoscope
Modern Horary Astrology
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Progressions in Action
Secret Symbolism of the Tarot
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The Reading of Progressed Aspects
Time Changes in Canada and Mexico
Time Changes in USA
Time Changes in the World
Versatility of Astrology
Vocational Selection and Counseling, Volumes 1 and 2
Zodiac: Key to Career (with C. Peel)