# List of tz database time zones

This is a list of time zones from release 2017c of the tz database. [1]

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World map showing time zones from the tz database version 2017a

# Legend

UTC offsets (columns 6 and 7) are positive east of UTC and negative west of UTC. The *UTC DST offset* is different from the *UTC offset* for zones where <u>daylight saving time</u> is observed (see individual time zone pages for details). The UTC offsets are for the current or upcoming rules, and may have been different in the past.

The "Status" field means:

- Canonical The primary, preferred zone name.
- Alias An alternative name, which may fit better within a particular country.
- Deprecated An older style name, left in the tz database for backwards compatibility, which should generally not be used.

### List

Country code	Latitude, longitude ±DDMM(SS) ±DDDMM(SS)	TZ database name	Portion of country covered	Status	UTC offset ±hh:mm	UTC DST offset ±hh:mm	Notes
CI	+0519-00402	Africa/Abidjan		Canonical	+00:00	+00:00	
GH	+0533-00013	Africa/Accra		Canonical	+00:00	+00:00	
ET	+0902+03842	Africa/Addis_Ababa		Alias	+03:00	+03:00	Link to Africa/Nairobi
DZ	+3647+00303	Africa/Algiers		Canonical	+01:00	+01:00	
ER	+1520+03853	Africa/Asmara		Alias	+03:00	+03:00	Link to Africa/Nairobi
ML	+1239-00800	Africa/Bamako		Alias	+00:00	+00:00	Link to Africa/Abidjan
CF	+0422+01835	Africa/Bangui		Alias	+01:00	+01:00	Link to Africa/Lagos
GM	+1328-01639	Africa/Banjul		Alias	+00:00	+00:00	Link to Africa/Abidjan
GW	+1151-01535	Africa/Bissau		Canonical	+00:00	+00:00	
MW	-1547+03500	Africa/Blantyre		Alias	+02:00	+02:00	Link to Africa/Maputo
CG	-0416+01517	Africa/Brazzaville		Alias	+01:00	+01:00	Link to Africa/Lagos
BI	-0323+02922	Africa/Bujumbura		Alias	+02:00	+02:00	Link to Africa/Maputo
EG	+3003+03115	Africa/Cairo		Canonical	+02:00	+02:00	
MA	+3339-00735	Africa/Casablanca		Canonical	+01:00	+01:00	
ES	+3553-00519	Africa/Ceuta	Ceuta, Melilla	Canonical	+01:00	+01:00	
GN	+0931-01343	Africa/Conakry		Alias	+00:00	+00:00	Link to Africa/Abidjan
SN	+1440-01726	Africa/Dakar		Alias	+00:00	+00:00	Link to Africa/Abidjan
TZ	-0648+03917	Africa/Dar_es_Salaam		Alias	+03:00	+03:00	Link to Africa/Nairobi
DJ	+1136+04309	Africa/Djibouti		Alias	+03:00	+03:00	Link to Africa/Nairobi
CM	+0403+00942	Africa/Douala		Alias	+01:00	+01:00	Link to Africa/Lagos
EH	+2709-01312	Africa/El Aaiun		Canonical	+00:00	+01:00	
SL	+0830-01315	Africa/Freetown		Alias	+00:00	+00:00	Link to Africa/Abidjan
BW	-2439+02555	Africa/Gaborone		Alias	+02:00	+02:00	Link to Africa/Maputo
ZW	-1750+03103	Africa/Harare		Alias	+02:00	+02:00	Link to Africa/Maputo
ZA	-2615+02800	Africa/Johannesburg		Canonical	+02:00	+02:00	Ellik to <u>runda mapato</u>
SS	+0451+03136	Africa/Juba		Canonical	+03:00	+03:00	
UG	+0019+03225	Africa/Kampala		Alias	+03:00	+03:00	Link to Africa/Nairobi
SD	+1536+03232	Africa/Khartoum		Canonical	+02:00	+02:00	LIIIK to AIIICA/NAIIODI
RW	-0157+03004			Alias	+02:00		Link to Africa/Manuta
		Africa/Kigali	Dom Don of Conne (west)			+02:00	Link to Africa/Maputo
CD	-0418+01518	Africa/Kinshasa	Dem. Rep. of Congo (west)	Alias	+01:00	+01:00	Link to Africa/Lagos
NG CA	+0627+00324	Africa/Lagos		Canonical	+01:00	+01:00	Links Africal and
GA_	+0023+00927	Africa/Libreville		Alias	+01:00	+01:00	Link to Africa/Lagos
TG	+0608+00113	Africa/Lome		Alias	+00:00	+00:00	Link to Africa/Abidjan
<u>AO</u>	-0848+01314	Africa/Luanda		Alias	+01:00	+01:00	Link to Africa/Lagos
CD	-1140+02728	Africa/Lubumbashi	Dem. Rep. of Congo (east)	Alias	+02:00	+02:00	Link to Africa/Maputo
ZM	-1525+02817	Africa/Lusaka		Alias	+02:00	+02:00	Link to Africa/Maputo
GQ	+0345+00847	Africa/Malabo		Alias	+01:00	+01:00	Link to Africa/Lagos
MZ	-2558+03235	Africa/Maputo		Canonical	+02:00	+02:00	
LS	-2928+02730	Africa/Maseru		Alias	+02:00	+02:00	Link to Africa/Johannesburg
SZ	-2618+03106	Africa/Mbabane		Alias	+02:00	+02:00	Link to Africa/Johannesburg
<u>so</u>	+0204+04522	Africa/Mogadishu		Alias	+03:00	+03:00	Link to Africa/Nairobi
<u>LR</u>	+0618-01047	Africa/Monrovia		Canonical	+00:00	+00:00	
KE	-0117+03649	Africa/Nairobi		Canonical	+03:00	+03:00	
<u>TD</u>	+1207+01503	Africa/Ndjamena		Canonical	+01:00	+01:00	
<u>NE</u>	+1331+00207	Africa/Niamey		Alias	+01:00	+01:00	Link to Africa/Lagos
MR	+1806-01557	Africa/Nouakchott		Alias	+00:00	+00:00	Link to Africa/Abidjan
<u>BF</u>	+1222-00131	Africa/Ouagadougou		Alias	+00:00	+00:00	Link to Africa/Abidjan
BJ	+0629+00237	Africa/Porto-Novo		Alias	+01:00	+01:00	Link to Africa/Lagos
ST	+0020+00644	Africa/Sao_Tome		Alias	+00:00	+00:00	Link to Africa/Lagos
		Africa/Timbuktu		Alias	+00:00	+00:00	Link to Africa/Abidjan
LY	+3254+01311	Africa/Tripoli		Canonical	+02:00	+02:00	
TN	+3648+01011	Africa/Tunis		Canonical	+01:00	+01:00	
NA	-2234+01706	Africa/Windhoek		Canonical	+02:00	+02:00	
US	+515248-1763929	America/Adak	Aleutian Islands	Canonical	-10:00	-09:00	
US	+611305-1495401	America/Anchorage	Alaska (most areas)	Canonical	-09:00	-08:00	

Al	+1812-06304	America/Anguilla		Alias	-04:00	-04:00	Link to America/Port_of_Spain
AG	+1703-06148	America/Antigua		Alias	-04:00	-04:00	Link to America/Port_of_Spain
BR	-0712-04812	America/Araguaina	Tocantins	Canonical	-03:00	-03:00	
AR	-3436-05827	America/Argentina/Buenos_Aires	Buenos Aires (BA, CF)	Canonical	-03:00	-03:00	
AR	-2828-06547	America/Argentina/Catamarca	Catamarca (CT); Chubut (CH)	Canonical	-03:00	-03:00	
		America/Argentina/ComodRivadavia		Alias	-03:00	-03:00	Link to America/Argentina/Catamarca
<u>AR</u>	-3124-06411	America/Argentina/Cordoba	Argentina (most areas: CB, CC, CN, ER, FM, MN, SE, SF)	Canonical	-03:00	-03:00	
AR_	-2411-06518	America/Argentina/Jujuy	Jujuy (JY)	Canonical	-03:00	-03:00	
AR_	-2926-06651	America/Argentina/La_Rioja	La Rioja (LR)	Canonical	-03:00	-03:00	
AR	-3253-06849	America/Argentina/Mendoza	Mendoza (MZ)	Canonical	-03:00	-03:00	
AR	-5138-06913	America/Argentina/Rio_Gallegos	Santa Cruz (SC)	Canonical	-03:00	-03:00	
AR	-2447-06525	America/Argentina/Salta	Salta (SA, LP, NQ, RN)	Canonical	-03:00	-03:00	
AR	-3132-06831	America/Argentina/San_Juan	San Juan (SJ)	Canonical	-03:00	-03:00	
4R	-3319-06621	America/Argentina/San_Luis	San Luis (SL)	Canonical	-03:00	-03:00	
4R	-2649-06513	America/Argentina/Tucuman	Tucuman (TM)	Canonical	-03:00	-03:00	
AR	-5448-06818	America/Argentina/Ushuaia	Tierra del Fuego (TF)	Canonical	-03:00	-03:00	
ΑW	+1230-06958	America/Aruba		Alias	-04:00	-04:00	Link to America/Curacao
PY	-2516-05740	America/Asuncion		Canonical	-04:00	-03:00	
CA	+484531-0913718	America/Atikokan	EST - ON (Atikokan); NU (Coral H)	Canonical	-05:00	-05:00	
		America/Atka		Alias	-10:00	-09:00	Link to America/Adak
BR	-1259-03831	America/Bahia	Bahia	Canonical	-03:00	-03:00	
MX	+2048-10515	America/Bahia_Banderas	Central Time - Bahia de Banderas	Canonical	-06:00	-05:00	
3B	+1306-05937	America/Barbados		Canonical	-04:00	-04:00	
= 3R	-0127-04829	America/Belem	Para (east); Amapa	Canonical	-03:00	-03:00	
 ВZ	+1730-08812	America/Belize		Canonical	-06:00	-06:00	
CA	+5125-05707	America/Blanc-Sablon	AST - QC (Lower North Shore)	Canonical	-04:00	-04:00	
BR	+0249-06040	America/Boa_Vista	Roraima	Canonical	-04:00	-04:00	
 CO	+0436-07405	America/Bogota		Canonical	-05:00	-05:00	
JS	+433649-1161209	America/Boise	Mountain - ID (south); OR (east)	Canonical	-07:00	-06:00	
		America/Buenos_Aires		Alias	-03:00	-03:00	Link to America/Argentina/Buenos_Aires
CA	+690650-1050310	America/Cambridge_Bay	Mountain - NU (west)	Canonical	-07:00	-06:00	
 ВR	-2027-05437	America/Campo_Grande	Mato Grosso do Sul	Canonical	-04:00	-03:00	
MX	+2105-08646	America/Cancun	Eastern Standard Time - Quintana Roo	Canonical	-05:00	-05:00	
VE	+1030-06656	America/Caracas		Canonical	-04:00	-04:00	
		America/Catamarca		Alias	-03:00	-03:00	Link to America/Argentina/Catamarca
GF	+0456-05220	America/Cayenne		Canonical	-03:00	-03:00	
CY	+1918-08123	America/Cayman		Alias	-05:00	-05:00	Link to America/Panama
 US	+4151-08739	America/Chicago	Central (most areas)	Canonical	-06:00	-05:00	
MX	+2838-10605	America/Chihuahua	Mountain Time - Chihuahua (most areas)	Canonical	-07:00	-06:00	
		America/Coral_Harbour		Alias	-05:00	-05:00	Link to America/Atikokan
		America/Cordoba		Alias	-03:00	-03:00	Link to America/Argentina/Cordoba
CR	+0956-08405	America/Costa_Rica		Canonical	-06:00	-06:00	
CA	+4906-11631	America/Creston	MST - BC (Creston)	Canonical	-07:00	-07:00	
	-1535-05605	America/Cuiaba	Mato Grosso	Canonical	-04:00	-03:00	
BR		America/Curacao		Canonical	-04:00	-04:00	
	+1211-06900		I		-	+00:00	+
CW	+7646-01840	America/Danmarkshavn	National Park (east coast)	Canonical	+00:00	+00.00	
CW GL CA		America/Danmarkshavn America/Dawson	National Park (east coast)  Pacific - Yukon (north)	Canonical Canonical	-08:00	-07:00	
CW GL	+7646-01840		, ,				

US	+421953-0830245	America/Detroit	Eastern - MI (most areas)	Canonical	-05:00	-04:00	
DM	+1518-06124	America/Dominica		Alias	-04:00	-04:00	Link to America/Port_of_Spain
CA	+5333-11328	America/Edmonton	Mountain - AB; BC (E); SK (W)	Canonical	-07:00	-06:00	
BR_	-0640-06952	America/Eirunepe	Amazonas (west)	Canonical	-05:00	-05:00	
SV	+1342-08912	America/El_Salvador		Canonical	-06:00	-06:00	
		America/Ensenada		Alias	-08:00	-07:00	Link to America/Tijuana
CA	+5848-12242	America/Fort_Nelson	MST - BC (Ft Nelson)	Canonical	-07:00	-07:00	
		America/Fort_Wayne		Alias	-05:00	-04:00	Link to America/Indiana/Indianapolis
BR	-0343-03830	America/Fortaleza	Brazil (northeast: MA, PI, CE, RN, PB)	Canonical	-03:00	-03:00	
CA	+4612-05957	America/Glace_Bay	Atlantic - NS (Cape Breton)	Canonical	-04:00	-03:00	
3L	+6411-05144	America/Godthab	Greenland (most areas)	Canonical	-03:00	-02:00	
CA_	+5320-06025	America/Goose_Bay	Atlantic - Labrador (most areas)	Canonical	-04:00	-03:00	
С	+2128-07108	America/Grand_Turk		Canonical	-05:00	-04:00	
GD	+1203-06145	America/Grenada		Alias	-04:00	-04:00	Link to America/Port_of_Spain
GP	+1614-06132	America/Guadeloupe		Alias	-04:00	-04:00	Link to America/Port_of_Spain
GT	+1438-09031	America/Guatemala		Canonical	-06:00	-06:00	
EC	-0210-07950	America/Guayaquil	Ecuador (mainland)	Canonical	-05:00	-05:00	
GY	+0648-05810	America/Guyana		Canonical	-04:00	-04:00	
CA	+4439-06336	America/Halifax	Atlantic - NS (most areas); PE	Canonical	-04:00	-03:00	
CU	+2308-08222	America/Havana		Canonical	-05:00	-04:00	
MX	+2904-11058	America/Hermosillo	Mountain Standard Time - Sonora	Canonical	-07:00	-07:00	
JS	+394606-0860929	America/Indiana/Indianapolis	Eastern - IN (most areas)	Canonical	-05:00	-04:00	
 JS	+411745-0863730	America/Indiana/Knox	Central - IN (Starke)	Canonical	-06:00	-05:00	
JS	+382232-0862041	America/Indiana/Marengo	Eastern - IN (Crawford)	Canonical	-05:00	-04:00	
JS	+382931-0871643	America/Indiana/Petersburg	Eastern - IN (Pike)	Canonical	-05:00	-04:00	
JS	+375711-0864541	America/Indiana/Tell_City	Central - IN (Perry)	Canonical	-06:00	-05:00	
JS	+384452-0850402	America/Indiana/Vevay	Eastern - IN (Switzerland)	Canonical	-05:00	-04:00	
JS	+384038-0873143	America/Indiana/Vincennes	Eastern - IN (Da, Du, K, Mn)	Canonical	-05:00	-04:00	
JS JS	+410305-0863611	America/Indiana/Winamac	Eastern - IN (Pulaski)	Canonical	-05:00	-04:00	
	1410303 0003011	America/Indianapolis	Lastern - IIV (Fulaski)	Alias	-05:00	-04:00	Link to America/Indiana/Indianapolis
CA	+682059-13343	America/Inuvik	Mountain - NT (west)	Canonical	-07:00	-06:00	
CA	+6344-06828	America/Iqaluit	Eastern - NU (most east areas)	Canonical	-05:00	-04:00	
JM	+175805-0764736	America/Jamaica		Canonical	-05:00	-05:00	
_		America/Jujuy		Alias	-03:00	-03:00	Link to America/Argentina/Jujuy
JS	+581807-1342511	America/Juneau	Alaska - Juneau area	Canonical	-09:00	-08:00	
JS	+381515-0854534	America/Kentucky/Louisville	Eastern - KY (Louisville area)	Canonical	-05:00	-04:00	
JS	+364947-0845057	America/Kentucky/Monticello	Eastern - KY (Wayne)	Canonical	-05:00	-04:00	
		America/Knox IN		Alias	-06:00	-05:00	Link to America/Indiana/Knox
3Q	+120903-0681636	America/Kralendijk		Alias	-04:00	-04:00	Link to America/Curacao
30 30	-1630-06809	America/La_Paz		Canonical	-04:00	-04:00	2iii to / inchea Guracao
PE	-1203-07703	America/Lima		Canonical	-05:00	-05:00	
JS	+340308-1181434	America/Lima  America/Los Angeles	Pacific	Canonical	-08:00	-05:00	
	+340300-1101434	America/Louisville	Facilic	Alias	-05:00	-04:00	Link to America/Kentucky/Louisville
SX	+180305-0630250	America/Lower Princes		Alias	-04:00	-04:00	Link to America/Curacao
<u>≥^</u> BR	-0940-03543	America/Lowei_Frinces  America/Maceio	Alagoas, Sergipe	Canonical	-03:00	-03:00	2.318 to 7 shorted Galacao
VI	+1209-08617	America/Managua	, auguus, sergipe	Canonical	-06:00	-06:00	
	-0308-06001		Amazonas (east)	Canonical	-04:00	-04:00	
BR ME		America/Manaus	Amazonas (east)				Link to America/Dort of Casis
MF	+1804-06305	America/Marigot		Alias	-04:00	-04:00	Link to America/Port_of_Spain
MQ	+1436-06105	America/Martinique	0 1 1	Canonical	-04:00	-04:00	
MX	+2550-09730	America/Matamoros	Central Time US - Coahuila, Nuevo Leon, Tamaulipas (US border)	Canonical	-06:00	-05:00	
MX	+2313-10625	America/Mazatlan	Mountain Time - Baja California Sur, Nayarit,	Canonical	-07:00	-06:00	

			Sinaloa				
		America/Mendoza		Alias	-03:00	-03:00	Link to America/Argentina/Mendoza
JS_	+450628-0873651	America/Menominee	Central - MI (Wisconsin border)	Canonical	-06:00	-05:00	
1X	+2058-08937	America/Merida	Central Time - Campeche, Yucatan	Canonical	-06:00	-05:00	
S	+550737-1313435	America/Metlakatla	Alaska - Annette Island	Canonical	-09:00	-08:00	
1X	+1924-09909	America/Mexico_City	Central Time	Canonical	-06:00	-05:00	
 PM	+4703-05620	America/Miquelon		Canonical	-03:00	-02:00	
 CA	+4606-06447	America/Moncton	Atlantic - New Brunswick	Canonical	-04:00	-03:00	
MX	+2540-10019	America/Monterrey	Central Time - Durango; Coahuila, Nuevo Leon, Tamaulipas (most areas)	Canonical	-06:00	-05:00	
JY	-3453-05611	America/Montevideo		Canonical	-03:00	-03:00	
		America/Montreal		Alias	-05:00	-04:00	Link to America/Toronto
MS	+1643-06213	America/Montserrat		Alias	-04:00	-04:00	Link to America/Port_of_Spain
BS	+2505-07721	America/Nassau		Canonical	-05:00	-04:00	
JS	+404251-0740023	America/New_York	Eastern (most areas)	Canonical	-05:00	-04:00	
CA	+4901-08816	America/Nipigon	Eastern - ON, QC (no DST 1967-73)	Canonical	-05:00	-04:00	
JS	+643004-1652423	America/Nome	Alaska (west)	Canonical	-09:00	-08:00	
BR	-0351-03225	America/Noronha	Atlantic islands	Canonical	-02:00	-02:00	
JS	+471551-1014640	America/North_Dakota/Beulah	Central - ND (Mercer)	Canonical	-06:00	-05:00	
JS	+470659-1011757	America/North_Dakota/Center	Central - ND (Oliver)	Canonical	-06:00	-05:00	
JS	+465042-1012439	America/North_Dakota/New_Salem	Central - ND (Morton rural)	Canonical	-06:00	-05:00	
MX	+2934-10425	America/Ojinaga	Mountain Time US - Chihuahua (US border)	Canonical	-07:00	-06:00	
PA	+0858-07932	America/Panama		Canonical	-05:00	-05:00	
CA	+6608-06544	America/Pangnirtung	Eastern - NU (Pangnirtung)	Canonical	-05:00	-04:00	
SR	+0550-05510	America/Paramaribo		Canonical	-03:00	-03:00	
US	+332654-1120424	America/Phoenix	MST - Arizona (except Navajo)	Canonical	-07:00	-07:00	
TT	+1039-06131	America/Port_of_Spain		Canonical	-04:00	-04:00	
HT	+1832-07220	America/Port-au-Prince		Canonical	-05:00	-04:00	
		America/Porto_Acre		Alias	-05:00	-05:00	Link to America/Rio_Branco
BR	-0846-06354	America/Porto_Velho	Rondonia	Canonical	-04:00	-04:00	
PR	+182806-0660622	America/Puerto_Rico		Canonical	-04:00	-04:00	
CL	-5309-07055	America/Punta_Arenas	Region of Magallanes	Canonical	-03:00	-03:00	Magallanes Region
CA	+4843-09434	America/Rainy_River	Central - ON (Rainy R, Ft Frances)	Canonical	-06:00	-05:00	
CA	+6249-0920459	America/Rankin_Inlet	Central - NU (central)	Canonical	-06:00	-05:00	
BR	-0803-03454	America/Recife	Pernambuco	Canonical	-03:00	-03:00	
CA	+5024-10439	America/Regina	CST - SK (most areas)	Canonical	-06:00	-06:00	
CA	+744144-0944945	America/Resolute	Central - NU (Resolute)	Canonical	-06:00	-05:00	
BR	-0958-06748	America/Rio_Branco	Acre	Canonical	-05:00	-05:00	
		America/Rosario		Alias	-03:00	-03:00	Link to America/Argentina/Cordoba
		America/Santa_Isabel		Alias	-08:00	-07:00	Link to America/Tijuana
BR	-0226-05452	America/Santarem	Para (west)	Canonical	-03:00	-03:00	
CL	-3327-07040	America/Santiago	Chile (most areas)	Canonical	-04:00	-03:00	
DO	+1828-06954	America/Santo_Domingo		Canonical	-04:00	-04:00	
BR	-2332-04637	America/Sao_Paulo	Brazil (southeast: GO, DF, MG, ES, RJ, SP, PR, SC, RS)	Canonical	-03:00	-03:00	
GL	+7029-02158	America/Scoresbysund	Scoresbysund/Ittoqqortoormiit	Canonical	-01:00	+00:00	
		America/Shiprock		Alias	-07:00	-06:00	Link to America/Denver
JS_	+571035-1351807	America/Sitka	Alaska - Sitka area	Canonical	-09:00	-08:00	
BL	+1753-06251	America/St_Barthelemy		Alias	-04:00	-04:00	Link to America/Port_of_Spain
CA_	+4734-05243	America/St_Johns	Newfoundland; Labrador (southeast)	Canonical	-03:30	-02:30	
KN	+1718-06243	America/St_Kitts		Alias	-04:00	-04:00	Link to America/Port_of_Spain
LC	+1401-06100	America/St_Lucia		Alias	-04:00	-04:00	Link to America/Port_of_Spain
VI	+1821-06456	America/St_Thomas		Alias	-04:00	-04:00	Link to America/Port of Spain

<u>VC</u>	+1309-06114	America/St_Vincent		Alias	-04:00	-04:00	Link to America/Port_of_Spain
CA	+5017-10750	America/Swift_Current	CST - SK (midwest)	Canonical	-06:00	-06:00	
HN	+1406-08713	America/Tegucigalpa		Canonical	-06:00	-06:00	
GL	+7634-06847	America/Thule	Thule/Pituffik	Canonical	-04:00	-03:00	
CA	+4823-08915	America/Thunder_Bay	Eastern - ON (Thunder Bay)	Canonical	-05:00	-04:00	
MX	+3232-11701	America/Tijuana	Pacific Time US - Baja California	Canonical	-08:00	-07:00	
CA	+4339-07923	America/Toronto	Eastern - ON, QC (most areas)	Canonical	-05:00	-04:00	
VG	+1827-06437	America/Tortola		Alias	-04:00	-04:00	Link to America/Port_of_Spain
CA	+4916-12307	America/Vancouver	Pacific - BC (most areas)	Canonical	-08:00	-07:00	
		America/Virgin		Alias	-04:00	-04:00	Link to America/Port_of_Spain
CA	+6043-13503	America/Whitehorse	Pacific - Yukon (south)	Canonical	-08:00	-07:00	
CA	+4953-09709	America/Winnipeg	Central - ON (west); Manitoba	Canonical	-06:00	-05:00	
 US	+593249-1394338	America/Yakutat	Alaska - Yakutat	Canonical	-09:00	-08:00	
 CA	+6227-11421	America/Yellowknife	Mountain - NT (central)	Canonical	-07:00	-06:00	
AQ	-6617+11031	Antarctica/Casey	Casey	Canonical	+11:00	+11:00	
AQ	-6835+07758	Antarctica/Davis	Davis	Canonical	+07:00	+07:00	
AQ	-6640+14001	Antarctica/DumontDUrville	Dumont-d'Urville	Canonical	+10:00	+10:00	
AU	-5430+15857	Antarctica/Macquarie	Macquarie Island	Canonical	+11:00	+11:00	
AQ	-6736+06253	Antarctica/Mawson	Mawson	Canonical	+05:00	+05:00	
AQ	-7750+16636	Antarctica/McMurdo	New Zealand time - McMurdo, South Pole	Alias	+12:00	+13:00	Link to Pacific/Auckland
AQ	-6448-06406	Antarctica/Palmer	Palmer	Canonical	-03:00	-03:00	Chilean Antarctica Region
AQ	-6734-06808	Antarctica/Rothera	Rothera	Canonical	-03:00	-03:00	
		Antarctica/South Pole		Alias	+12:00	+13:00	Link to Pacific/Auckland
AQ	-690022+0393524	Antarctica/Syowa	Syowa	Canonical	+03:00	+03:00	
AQ	-720041+0023206	Antarctica/Troll	Troll	Canonical	+00:00	+02:00	Previously used +01:00 for a brief period between standard and daylight time. <sup>[2]</sup>
AQ	-7824+10654	Antarctica/Vostok	Vostok	Canonical	+06:00	+06:00	and daylight time.
	+7800+01600		VOSIOR	Alias			Link to Europo/Oslo
SJ VE	+1245+04512	Arctic/Longyearbyen			+01:00	+02:00	Link to Europe/Oslo
YE KZ	+1245+04512	Asia/Almah	(Applyhoton (most syspe)	Alias	+03:00	+03:00	Link to Asia/Riyadh
KZ		Asia/Almaty	Kazakhstan (most areas)	Canonical	+06:00	+06:00	
JO RU	+3157+03556 +6445+17729	Asia/Amman	MCK LOO Boring Coo	Canonical	+02:00	+03:00	
		Asia/Anadyr	MSK+09 - Bering Sea	Canonical	+12:00	+12:00	
KZ	+4431+05016	Asia/Aqtau	Mangghystau/Mankistau	Canonical	+05:00	+05:00	
KZ	+5017+05710	Asia/Aqtobe	Aqtobe/Aktobe	Canonical	+05:00	+05:00	
<u>TM</u>	+3757+05823	Asia/Ashgabat		Canonical	+05:00	+05:00	
		Asia/Ashkhabad		Alias	+05:00	+05:00	Link to Asia/Ashgabat
KZ	+4707+05156	Asia/Atyrau	Atyrau/Atirau/Gur'yev	Canonical	+05:00	+05:00	
<u>IQ</u>	+3321+04425	Asia/Baghdad		Canonical	+03:00	+03:00	
BH	+2623+05035	Asia/Bahrain		Alias	+03:00	+03:00	Link to Asia/Qatar
<u>AZ</u>	+4023+04951	Asia/Baku		Canonical	+04:00	+04:00	
<u>TH</u>	+1345+10031	Asia/Bangkok		Canonical	+07:00	+07:00	
RU	+5322+08345	Asia/Barnaul	MSK+04 - Altai	Canonical	+07:00	+07:00	
<u>LB</u>	+3353+03530	Asia/Beirut		Canonical	+02:00	+03:00	
KG	+4254+07436	Asia/Bishkek		Canonical	+06:00	+06:00	
BN	+0456+11455	Asia/Brunei		Canonical	+08:00	+08:00	
		Asia/Calcutta		Alias	+05:30	+05:30	Link to Asia/Kolkata
<u>RU</u>	+5203+11328	Asia/Chita	MSK+06 - Zabaykalsky	Canonical	+09:00	+09:00	
MN	+4804+11430	Asia/Choibalsan	Dornod, Sukhbaatar	Canonical	+08:00	+08:00	
		Asia/Chongqing		Alias	+08:00	+08:00	Link to Asia/Shanghai
		Asia/Chungking		Alias	+08:00	+08:00	Link to Asia/Shanghai
<u>LK</u>	+0656+07951	Asia/Colombo		Canonical	+05:30	+05:30	
		Asia/Dacca		Alias	+06:00	+06:00	Link to Asia/Dhaka
SY	+3330+03618	Asia/Damascus		Canonical	+02:00	+03:00	
BD	+2343+09025	Asia/Dhaka		Canonical	+06:00	+06:00	
TL	-0833+12535	Asia/Dili		Canonical	+09:00	+09:00	

AE	+2518+05518	Asia/Dubai		Canonical	+04:00	+04:00	
TJ	+3835+06848	Asia/Dushanbe		Canonical	+05:00	+05:00	
CY	+3507+03357	Asia/Famagusta	Northern Cyprus	Canonical	+02:00	+02:00	
PS	+3130+03428	Asia/Gaza	Gaza Strip	Canonical	+02:00	+03:00	
		Asia/Harbin		Alias	+08:00	+08:00	Link to Asia/Shanghai
PS	+3132+0350542	Asia/Hebron	West Bank	Canonical	+02:00	+03:00	
VN	+1045+10640	Asia/Ho Chi Minh		Canonical	+07:00	+07:00	
HK	+2217+11409	Asia/Hong Kong		Canonical	+08:00	+08:00	
MN	+4801+09139	Asia/Hovd	Bayan-Olgiy, Govi-Altai,	Canonical	+07:00	+07:00	
			Hovd, Uvs, Zavkhan				
RU	+5216+10420	Asia/Irkutsk	MSK+05 - Irkutsk, Buryatia	Canonical	+08:00	+08:00	
		Asia/Istanbul		Alias	+03:00	+03:00	Link to Europe/Istanbul
<u>ID</u>	-0610+10648	Asia/Jakarta	Java, Sumatra	Canonical	+07:00	+07:00	
<u>ID</u>	-0232+14042	Asia/Jayapura	New Guinea (West Papua / Irian Jaya); Malukus/Moluccas	Canonical	+09:00	+09:00	
<u>IL</u>	+314650+0351326	Asia/Jerusalem		Canonical	+02:00	+03:00	
AF	+3431+06912	Asia/Kabul		Canonical	+04:30	+04:30	
RU	+5301+15839	Asia/Kamchatka	MSK+09 - Kamchatka	Canonical	+12:00	+12:00	
PK	+2452+06703	Asia/Karachi		Canonical	+05:00	+05:00	
		Asia/Kashgar		Alias	+06:00	+06:00	Link to Asia/Urumqi <sup>[note 1]</sup>
NP	+2743+08519	Asia/Kathmandu		Canonical	+05:45	+05:45	
		Asia/Katmandu		Alias	+05:45	+05:45	Link to Asia/Kathmandu
RU	+623923+1353314	Asia/Khandyga	MSK+06 - Tomponsky, Ust- Maysky	Canonical	+09:00	+09:00	
<u>IN</u>	+2232+08822	Asia/Kolkata		Canonical	+05:30	+05:30	Note: Different zones in history, see <u>Time in India</u> .
RU	+5601+09250	Asia/Krasnoyarsk	MSK+04 - Krasnoyarsk area	Canonical	+07:00	+07:00	
MY	+0310+10142	Asia/Kuala_Lumpur	Malaysia (peninsula)	Canonical	+08:00	+08:00	
MY	+0133+11020	Asia/Kuching	Sabah, Sarawak	Canonical	+08:00	+08:00	
<u>KW</u>	+2920+04759	Asia/Kuwait		Alias	+03:00	+03:00	Link to Asia/Riyadh
		Asia/Macao		Alias	+08:00	+08:00	Link to Asia/Macau
MO	+2214+11335	Asia/Macau		Canonical	+08:00	+08:00	
RU	+5934+15048	Asia/Magadan	MSK+08 - Magadan	Canonical	+11:00	+11:00	
<u>ID</u>	-0507+11924	Asia/Makassar	Borneo (east, south); Sulawesi/Celebes, Bali, Nusa Tengarra; Timor (west)	Canonical	+08:00	+08:00	
PH	+1435+12100	Asia/Manila		Canonical	+08:00	+08:00	
ОМ	+2336+05835	Asia/Muscat		Alias	+04:00	+04:00	Link to Asia/Dubai
RU	+5345+08707	Asia/Novokuznetsk	MSK+04 - Kemerovo	Canonical	+07:00	+07:00	
RU	+5502+08255	Asia/Novosibirsk	MSK+04 - Novosibirsk	Canonical	+07:00	+07:00	
RU	+5500+07324	Asia/Omsk	MSK+03 - Omsk	Canonical	+06:00	+06:00	
KZ	+5113+05121	Asia/Oral	West Kazakhstan	Canonical	+05:00	+05:00	
KH	+1133+10455	Asia/Phnom_Penh		Alias	+07:00	+07:00	Link to Asia/Bangkok
ID	-0002+10920	Asia/Pontianak	Borneo (west, central)	Canonical	+07:00	+07:00	
KP	+3901+12545	Asia/Pyongyang		Canonical	+09:00	+09:00	
QA	+2517+05132	Asia/Qatar		Canonical	+03:00	+03:00	
KZ	+4448+06528	Asia/Qyzylorda	Qyzylorda/Kyzylorda/Kzyl- Orda	Canonical	+05:00	+05:00	
MM	+1647+09610	Asia/Rangoon		Alias	+06:30	+06:30	Link to Asia/Yangon
SA	+2438+04643	Asia/Riyadh		Canonical	+03:00	+03:00	
		Asia/Saigon		Alias	+07:00	+07:00	Link to Asia/Ho_Chi_Minh
RU	+4658+14242	Asia/Sakhalin	MSK+08 - Sakhalin Island	Canonical	+11:00	+11:00	
UZ	+3940+06648	Asia/Samarkand	Uzbekistan (west)	Canonical	+05:00	+05:00	
KR	+3733+12658	Asia/Seoul		Canonical	+09:00	+09:00	
CN	+3114+12128	Asia/Shanghai	Beijing Time	Canonical	+08:00	+08:00	
SG	+0117+10351	Asia/Singapore		Canonical	+08:00	+08:00	
<u>RU</u>	+6728+15343	Asia/Srednekolymsk	MSK+08 - Sakha (E); North Kuril Is	Canonical	+11:00	+11:00	
TW	+2503+12130	Asia/Taipei		Canonical	+08:00	+08:00	
UZ	+4120+06918	Asia/Tashkent	Uzbekistan (east)	Canonical	+05:00	+05:00	

GE	+4143+04449	Asia/Tbilisi		Canonical	+04:00	+04:00	
<u>R</u>	+3540+05126	Asia/Tehran		Canonical	+03:30	+04:30	
		Asia/Tel_Aviv		Alias	+02:00	+03:00	Link to Asia/Jerusalem
		Asia/Thimbu		Alias	+06:00	+06:00	Link to Asia/Thimphu
BT_	+2728+08939	Asia/Thimphu		Canonical	+06:00	+06:00	
JP_	+353916+1394441	Asia/Tokyo		Canonical	+09:00	+09:00	
<u> </u>	+5630+08458	Asia/Tomsk	MSK+04 - Tomsk	Canonical	+07:00	+07:00	
		Asia/Ujung_Pandang		Alias	+08:00	+08:00	Link to Asia/Makassar
MN	+4755+10653	Asia/Ulaanbaatar	Mongolia (most areas)	Canonical	+08:00	+08:00	
		Asia/Ulan_Bator		Alias	+08:00	+08:00	Link to Asia/Ulaanbaatar
<u>CN</u>	+4348+08735	<u>Asia/Urumqi</u>	Xinjiang Time	Canonical	+06:00	+06:00	The Asia/Urumqi entry in the tz database reflected the use of Xinjiang Time by part of the loca population. Consider using Asia/Shanghai for Beijing Time i that is preferred.
RU	+643337+1431336	Asia/Ust-Nera	MSK+07 - Oymyakonsky	Canonical	+10:00	+10:00	
LA	+1758+10236	Asia/Vientiane		Alias	+07:00	+07:00	Link to Asia/Bangkok
RU	+4310+13156	Asia/Vladivostok	MSK+07 - Amur River	Canonical	+10:00	+10:00	
RU	+6200+12940	Asia/Yakutsk	MSK+06 - Lena River	Canonical	+09:00	+09:00	
ММ	+1647+09610	Asia/Yangon		Canonical	+06:30	+06:30	
RU	+5651+06036	Asia/Yekaterinburg	MSK+02 - Urals	Canonical	+05:00	+05:00	
AM	+4011+04430	Asia/Yerevan		Canonical	+04:00	+04:00	
PT	+3744-02540	Atlantic/Azores	Azores	Canonical	-01:00	+00:00	
ЗМ	+3217-06446	Atlantic/Bermuda		Canonical	-04:00	-03:00	
ES	+2806-01524	Atlantic/Canary	Canary Islands	Canonical	+00:00	+01:00	
CV	+1455-02331	Atlantic/Cape Verde	-	Canonical	-01:00	-01:00	
		Atlantic/Faeroe		Alias	+00:00	+01:00	Link to Atlantic/Faroe
FO	+6201-00646	Atlantic/Faroe		Canonical	+00:00	+01:00	
		Atlantic/Jan Mayen		Alias	+01:00	+02:00	Link to Europe/Oslo
PT	+3238-01654	Atlantic/Madeira	Madeira Islands	Canonical	+00:00	+01:00	
is	+6409-02151	Atlantic/Reykjavik	macona isiana	Canonical	+00:00	+00:00	
≝ GS	-5416-03632	Atlantic/South Georgia		Canonical	-02:00	-02:00	
SH	-1555-00542	Atlantic/St Helena		Alias	+00:00	+00:00	Link to Africa/Abidjan
FK	-5142-05751	Atlantic/Stanley		Canonical	-03:00	-03:00	Link to Amed Abidjan
	3142 03731	Australia/ACT		Deprecated	+10:00	+11:00	Link to Australia/Sydney
 AU	-3455+13835	Australia/AC1  Australia/Adelaide	South Australia	Canonical	+09:30	+10:30	Link to Australia/Sydney
	-2728+15302						
<u>AU</u>	-2720+15302	Australia/Brisbane	Queensland (most areas)  New South Wales	Canonical	+10:00	+10:00	
<u>AU</u>	-3157+14127	Australia/Broken_Hill	(Yancowinna)	Canonical	+09:30	+10:30	
		Australia/Canberra		Alias	+10:00	+11:00	Link to Australia/Sydney
AU	-3956+14352	Australia/Currie	Tasmania (King Island)	Canonical	+10:00	+11:00	
AU	-1228+13050	Australia/Darwin	Northern Territory	Canonical	+09:30	+09:30	
AU	-3143+12852	Australia/Eucla	Western Australia (Eucla)	Canonical	+08:45	+08:45	
AU	-4253+14719	Australia/Hobart	Tasmania (most areas)	Canonical	+10:00	+11:00	
		Australia/LHI		Deprecated	+10:30	+11:00	Link to Australia/Lord_Howe
AU	-2016+14900	Australia/Lindeman	Queensland (Whitsunday Islands)	Canonical	+10:00	+10:00	
<u>AU</u>	-3133+15905	Australia/Lord_Howe	Lord Howe Island	Canonical	+10:30	+11:00	This is the only time zone in the world that uses 30-minute DST transitions.
AU	-3749+14458	Australia/Melbourne	Victoria	Canonical	+10:00	+11:00	
		Australia/North		Deprecated	+09:30	+09:30	Link to Australia/Darwin
		Australia/NSW		Deprecated	+10:00	+11:00	Link to Australia/Sydney
<u>AU</u>	-3157+11551	Australia/Perth	Western Australia (most areas)	Canonical	+08:00	+08:00	
		Australia/Queensland		Deprecated	+10:00	+10:00	Link to Australia/Brisbane
		Australia/South		Deprecated	+09:30	+10:30	Link to Australia/Adelaide
AU	-3352+15113	Australia/Sydney	New South Wales (most areas)	Canonical	+10:00	+11:00	
				+		1	
		Australia/Tasmania		Deprecated	+10:00	+11:00	Link to Australia/Hobart

Australia/West	Deprecated	+08:00	+08:00	Link to Australia/Perth
Australia/Yancowinna	Alias	+09:30	+10:30	Link to Australia/Broken_Hill
Brazil/Acre	Deprecated	-05:00	-05:00	Link to America/Rio_Branco
Brazil/DeNoronha	Deprecated	-02:00	-02:00	Link to America/Noronha
Brazil/East	Deprecated	-03:00	-02:00	Link to America/Sao_Paulo
Brazil/West	Deprecated	-04:00	-04:00	Link to America/Manaus
Canada/Atlantic	Deprecated	-04:00	-03:00	Link to America/Halifax
Canada/Central	Deprecated	-06:00	-05:00	Link to America/Winnipeg
Canada/Eastern	Deprecated	-05:00	-04:00	Link to America/Toronto
Canada/Mountain	Deprecated	-07:00	-06:00	Link to America/Edmonton
Canada/Newfoundland	Deprecated	-03:30	-02:30	Link to America/St_Johns
Canada/Pacific	Deprecated	-08:00	-07:00	Link to America/Vancouver
Canada/Saskatchewan	Deprecated	-06:00	-06:00	Link to America/Regina
Canada/Yukon	Deprecated	-08:00	-07:00	Link to America/Whitehorse
CET	Deprecated	+01:00	+02:00	Choose a zone that <i>observes</i> CET, such as <u>Europe/Paris</u> .
Chile/Continental	Deprecated	-04:00	-03:00	Link to America/Santiago
Chile/EasterIsland	Deprecated	-06:00	-05:00	Link to Pacific/Easter
CST6CDT	Deprecated	-06:00	-05:00	Choose a zone that <i>observes</i> CST with United States daylight saving time rules, such as America/Chicago.
Cuba	 Deprecated	-05:00	-04:00	Link to America/Havana
EET	Deprecated	+02:00	+03:00	Choose a zone that <i>observes</i> EET, such as <u>Europe/Sofia</u> .
Egypt	Deprecated	+02:00	+02:00	Link to Africa/Cairo
<u>Eire</u>	Deprecated	+00:00	+01:00	Link to Europe/Dublin
EST	Deprecated	-05:00	-05:00	Choose a zone that currently observes EST without daylight saving time, such as America/Cancun.
EST5EDT	Deprecated	-05:00	-04:00	Choose a zone that observes EST with United States daylight saving time rules, such as America/New_York.
Etc/GMT	Canonical	+00:00	+00:00	
Etc/GMT+0	Alias	+00:00	+00:00	Link to Etc/GMT
Etc/GMT+1	Canonical	-01:00	-01:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+10	Canonical	-10:00	-10:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+11	Canonical	-11:00	-11:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+12	Canonical	-12:00	-12:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+2	Canonical	-02:00	-02:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+3	Canonical	-03:00	-03:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+4	Canonical	-04:00	-04:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+5	Canonical	-05:00	-05:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+6	Canonical	-06:00	-06:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+7	Canonical	<u>-07:00</u>	<u>-07:00</u>	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+8	Canonical	-08:00	-08:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT+9	Canonical	-09:00	-09:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT0	Alias	+00:00	+00:00	Link to Etc/GMT
Etc/GMT-0	 Alias	+00:00	+00:00	Link to Etc/GMT
Etc/GMT-1	Canonical	+01:00	+01:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT-10	Canonical	+10:00	+10:00	Sign is intentionally inverted. See the Etc area description.
Etc/GMT-11	Canonical	+11:00	+11:00	Sign is intentionally inverted. See the Etc area description.

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		Etc/GMT-12		Canonical	+12:00	+12:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-13		Canonical	+13:00	+13:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-14		Canonical	+14:00	+14:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-2		Canonical	+02:00	+02:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-3		Canonical	+03:00	+03:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-4		Canonical	+04:00	+04:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-5		Canonical	+05:00	+05:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-6		Canonical	+06:00	+06:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-7		Canonical	+07:00	+07:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-8		Canonical	+08:00	+08:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/GMT-9		Canonical	+09:00	+09:00	Sign is intentionally inverted. Se the Etc area description.
		Etc/Greenwich		Deprecated	+00:00	+00:00	Link to Etc/GMT
		Etc/UCT		Deprecated	+00:00	+00:00	
		Etc/Universal		Deprecated	+00:00	+00:00	Link to Etc/UTC
		Etc/UTC		Canonical	+00:00	+00:00	
		Etc/Zulu		1	+00:00	+00:00	Link to Etc/LITC
	,F222,004F4			Deprecated			Link to Etc/UTC
<u>VL</u>	+5222+00454	Europe/Amsterdam		Canonical	+01:00	+02:00	
<u>/D</u>	+4230+00131	Europe/Andorra		Canonical	+01:00	+02:00	
RU	+4621+04803	Europe/Astrakhan	MSK+01 - Astrakhan	Canonical	+04:00	+04:00	
<u>GR</u>	+3758+02343	Europe/Athens		Canonical	+02:00	+03:00	
		Europe/Belfast		Alias	+00:00	+01:00	Link to Europe/London
RS	+4450+02030	Europe/Belgrade		Canonical	+01:00	+02:00	
<u>DE</u>	+5230+01322	Europe/Berlin	Germany (except for Büsingen am Hochrhein)	Canonical	+01:00	+02:00	In 1945, the Trizone did not follow Berlin's switch to DST, se Time in Germany
SK	+4809+01707	Europe/Bratislava		Alias	+01:00	+02:00	Link to Europe/Prague
BE	+5050+00420	Europe/Brussels		Canonical	+01:00	+02:00	
RO	+4426+02606	Europe/Bucharest		Canonical	+02:00	+03:00	
 HU	+4730+01905	Europe/Budapest		Canonical	+01:00	+02:00	
DE	+4742+00841	Europe/Busingen	Büsingen am Hochrhein	Alias	+01:00	+02:00	Link to Europe/Zurich
MD	+4700+02850	Europe/Chisinau	<u>Dusingen am Flocilinein</u>	Canonical	+02:00	+03:00	Link to <u>Lurope/Lunen</u>
DK	+5540+01235	Europe/Copenhagen		Canonical	+01:00	+02:00	
<u>IE</u>	+5320-00615	Europe/Dublin		Canonical	+00:00	+01:00	
GI	+3608-00521	Europe/Gibraltar		Canonical	+01:00	+02:00	
<u>GG</u>	+492717-0023210	Europe/Guernsey		Alias	+00:00	+01:00	Link to Europe/London
<u>FI</u>	+6010+02458	Europe/Helsinki		Canonical	+02:00	+03:00	
М	+5409-00428	Europe/Isle_of_Man		Alias	+00:00	+01:00	Link to Europe/London
TR	+4101+02858	Europe/Istanbul		Canonical	+03:00	+03:00	
JE	+491101-0020624	Europe/Jersey		Alias	+00:00	+01:00	Link to Europe/London
RU	+5443+02030	Europe/Kaliningrad	MSK-01 - Kaliningrad	Canonical	+02:00	+02:00	
UA	+5026+03031	Europe/Kiev	Ukraine (most areas)	Canonical	+02:00	+03:00	
 RU	+5836+04939	Europe/Kirov	MSK+00 - Kirov	Canonical	+03:00	+03:00	
PT	+3843-00908	Europe/Lisbon	Portugal (mainland)	Canonical	+00:00	+01:00	
<u></u> SI	+4603+01431	Europe/Ljubljana	r ortagar (mamara)	Alias	+01:00	+02:00	Link to Europe/Belgrade
		<del></del>			+00:00	+01:00	Zank to Europerbeigiaue
GB 	+513030-0000731	Europe/London		Canonical			
LU 	+4936+00609	Europe/Luxembourg		Canonical	+01:00	+02:00	
ES	+4024-00341	Europe/Madrid	Spain (mainland)	Canonical	+01:00	+02:00	
MT	+3554+01431	Europe/Malta		Canonical	+01:00	+02:00	
	+6006+01957	Europe/Mariehamn		Alias	+02:00	+03:00	Link to Europe/Helsinki
AX						1	i .
	+5354+02734	Europe/Minsk		Canonical	+03:00	+03:00	
AX BY MC		Europe/Minsk  Europe/Monaco		Canonical Canonical	+03:00	+03:00	

CY	+3510+03322	Asia/Nicosia	Cyprus (most areas)	Canonical	+02:00	+03:00	
10 	+5955+01045	Europe/Oslo		Canonical	+01:00	+02:00	
<u></u> -R	+4852+00220	Europe/Paris		Canonical	+01:00	+02:00	
<u></u> ИЕ	+4226+01916	Europe/Podgorica		Alias	+01:00	+02:00	Link to Europe/Belgrade
CZ	+5005+01426			Canonical	+01:00	+02:00	Link to Larope/Beigrade
	+5657+02406	Europe/Prague					
LV T		Europe/Riga		Canonical	+02:00	+03:00	
<u>IT</u>	+4154+01229	Europe/Rome	MOK. 04. Common Halanantia	Canonical	+01:00	+02:00	
RU	+5312+05009	Europe/Samara	MSK+01 - Samara, Udmurtia	Canonical	+04:00	+04:00	
SM	+4355+01228	Europe/San_Marino		Alias	+01:00	+02:00	Link to Europe/Rome
BA .	+4352+01825	Europe/Sarajevo		Alias	+01:00	+02:00	Link to Europe/Belgrade
RU	+5134+04602	Europe/Saratov	MSK+01 - Saratov	Canonical	+04:00	+04:00	
<u>UA</u>	+4457+03406	Europe/Simferopol	Crimea	Canonical	+03:00	+03:00	Disputed - Reflects data in the TZDB. [note 2]
MK	+4159+02126	Europe/Skopje		Alias	+01:00	+02:00	Link to Europe/Belgrade
BG	+4241+02319	Europe/Sofia		Canonical	+02:00	+03:00	
SE	+5920+01803	Europe/Stockholm		Canonical	+01:00	+02:00	
E	+5925+02445	Europe/Tallinn		Canonical	+02:00	+03:00	
AL_	+4120+01950	Europe/Tirane		Canonical	+01:00	+02:00	
		Europe/Tiraspol		Alias	+02:00	+03:00	Link to Europe/Chisinau
RU	+5420+04824	Europe/Ulyanovsk	MSK+01 - Ulyanovsk	Canonical	+04:00	+04:00	
JA	+4837+02218	Europe/Uzhgorod	Ruthenia	Canonical	+02:00	+03:00	
_1	+4709+00931	Europe/Vaduz		Alias	+01:00	+02:00	Link to Europe/Zurich
 /A	+415408+0122711	Europe/Vatican		Alias	+01:00	+02:00	Link to Europe/Rome
AT	+4813+01620	Europe/Vienna		Canonical	+01:00	+02:00	
LT	+5441+02519	Europe/Vilnius		Canonical	+02:00	+03:00	
= <u>:</u> RU	+4844+04425	Europe/Volgograd	MSK+01 - Volgograd	Canonical	+04:00	+04:00	
PL	+5215+02100	Europe/Warsaw	MSK*01 Voigograd	Canonical	+01:00	+02:00	
HR	+4548+01558	Europe/Zagreb		Alias	+01:00	+02:00	Link to Europe/Belgrade
UA	+4750+03510	Europe/Zaporozhye	Zaporozh'ye/Zaporizhia; Lugansk/Luhansk (east)	Canonical	+02:00	+03:00	Ellik to Europe/Beigrade
CH	+4723+00832	Europe/Zurich	Lugarist Luriarist (east)	Canonical	+01:00	+02:00	
СП	+4723+00632					-	Link to Furanall anden
		GB Sim		Deprecated	+00:00	+01:00	Link to Europe/London
		GB-Eire		Deprecated	+00:00	+01:00	Link to Europe/London
		GMT		Alias	+00:00	+00:00	Link to Etc/GMT
		GMT+0		Deprecated	+00:00	+00:00	Link to Etc/GMT
		GMT0		Deprecated	+00:00	+00:00	Link to Etc/GMT
		GMT-0		Deprecated	+00:00	+00:00	Link to Etc/GMT
		Greenwich		Deprecated	+00:00	+00:00	Link to Etc/GMT
		Hongkong		Deprecated	+08:00	+08:00	Link to Asia/Hong_Kong
		<u>HST</u>		Deprecated	_10:00	-10:00	Choose a zone that currently observes HST without daylight saving time, such as Pacific/Honolulu.
		Iceland		Deprecated	+00:00	+00:00	Link to Atlantic/Reykjavik
MG	-1855+04731	Indian/Antananarivo		Alias	+03:00	+03:00	Link to Africa/Nairobi
0	-0720+07225	Indian/Chagos		Canonical	+06:00	+06:00	
CX	-1025+10543	Indian/Christmas		Canonical	+07:00	+07:00	
CC	-1210+09655	Indian/Cocos		Canonical	+06:30	+06:30	
KM	-1141+04316	Indian/Comoro		Alias	+03:00	+03:00	Link to Africa/Nairobi
TF	-492110+0701303	Indian/Kerguelen		Canonical	+05:00	+05:00	
SC	-0440+05528	Indian/Mahe		Canonical	+04:00	+04:00	
MV	+0410+07330	Indian/Maldives		Canonical	+05:00	+05:00	
MU	-2010+05730	Indian/Mauritius		Canonical	+04:00	+04:00	
	-1247+04514	Indian/Mayotte		Alias	+03:00	+03:00	Link to Africa/Nairobi
RE	-2052+05528	Indian/Reunion		Canonical	+04:00	+04:00	
	-	Iran		Deprecated	+03:30	+04:30	Link to Asia/Tehran
		Israel		Deprecated	+02:00	+03:00	Link to Asia/Jerusalem
		Jamaica		Deprecated	-05:00	-05:00	Link to America/Jamaica
		Japan		Deprecated	+09:00	+09:00	Link to Asia/Tokyo
	I .	ναραιι	I .	PUDITUALED	100.00	1 00.00	LITTE TO MOTOR TURYU

		Kwajalein		Deprecated	+12:00	+12:00	Link to Pacific/Kwajalein
		Libya		Deprecated	+02:00	+02:00	Link to Africa/Tripoli
		MET		Deprecated	+01:00	+02:00	Choose a zone that <i>observes</i> MET (sames as CET), such as Europe/Paris.
		Mexico/BajaNorte		Deprecated	-08:00	-07:00	Link to America/Tijuana
		Mexico/BajaSur		Deprecated	-07:00	-06:00	Link to America/Mazatlan
		Mexico/General		Deprecated	-06:00	-05:00	Link to America/Mexico_City
		MST		Deprecated	<u>-07:00</u>	<u>-07:00</u>	Choose a zone that currently observes MST without daylight saving time, such as America/Phoenix.
		MST7MDT		Deprecated	<u>-07:00</u>	-06:00	Choose a zone that <i>observes</i> MST with United States daylight saving time rules, such as America/Denver.
		<u>Navajo</u>		Deprecated	<u>-07:00</u>	-06:00	Link to America/Denver
		NZ		Deprecated	+12:00	+13:00	Link to Pacific/Auckland
		NZ-CHAT		Deprecated	+12:45	+13:45	Link to Pacific/Chatham
WS	-1350-17144	Pacific/Apia		Canonical	+13:00	+14:00	
NZ	-3652+17446	Pacific/Auckland	New Zealand (most areas)	Canonical	+12:00	+13:00	
PG	-0613+15534	Pacific/Bougainville	Bougainville	Canonical	+11:00	+11:00	
NZ	-4357-17633	Pacific/Chatham	Chatham Islands	Canonical	+12:45	+13:45	
FM	+0725+15147	Pacific/Chuuk	Chuuk/Truk, Yap	Canonical	+10:00	+10:00	
CL	-2709-10926	Pacific/Easter	Easter Island	Canonical	-06:00	-05:00	
VU	-1740+16825	Pacific/Efate		Canonical	+11:00	+11:00	
KI	-0308-17105	Pacific/Enderbury	Phoenix Islands	Canonical	+13:00	+13:00	
TK	-0922-17114	Pacific/Fakaofo		Canonical	+13:00	+13:00	
FJ	-1808+17825	Pacific/Fiji		Canonical	+12:00	+13:00	
TV	-0831+17913	Pacific/Funafuti		Canonical	+12:00	+12:00	
EC	-0054-08936	Pacific/Galapagos	Galapagos Islands	Canonical	-06:00	-06:00	
PF	-2308-13457	Pacific/Gambier	Gambier Islands	Canonical	-09:00	-09:00	
SB	-0932+16012	Pacific/Guadalcanal		Canonical	+11:00	+11:00	
GU	+1328+14445	Pacific/Guam		Canonical	+10:00	+10:00	
US	+211825-1575130	Pacific/Honolulu	Hawaii	Canonical	-10:00	-10:00	
	7211020 1010100	Pacific/Johnston	- Terren	Alias	-10:00	-10:00	Link to Pacific/Honolulu
KI	+0152-15720	Pacific/Kiritimati	Line Islands	Canonical	+14:00	+14:00	Ellik to <u>I dollo i Toriolala</u>
FM	+0519+16259	Pacific/Kosrae	Kosrae	Canonical	+11:00	+11:00	
MH	+0905+16720	Pacific/Kwajalein	Kwajalein	Canonical	+12:00	+12:00	
MH	+0709+17112	Pacific/Majuro	Marshall Islands (most areas)	Canonical	+12:00	+12:00	
PF	-0900-13930	Pacific/Marquesas	Marquesas Islands	Canonical	-09:30	-09:30	
UM	+2813-17722	Pacific/Midway	Midway Islands	Alias	-11:00	-11:00	Link to Pacific/Pago Pago
NR	-0031+16655	Pacific/Nauru	Wildway Islands	Canonical	+12:00	+12:00	LITIK to Facility Fago_Fago
	-1901-16955	Pacific/Niue		Canonical	-11:00		
NU						-11:00	
NF NC	-2903+16758 -2216+16627	Pacific/Norfolk Pacific/Noumea		Canonical	+11:00	+11:00	
NC AS	-2216+16627			Canonical	+11:00	+11:00	
AS DW	-1416-17042	Pacific/Pago_Pago		Canonical	-11:00	-11:00	
PW DNI	+0720+13429	Pacific/Palau  Pacific/Pitcaira		Canonical	+09:00	+09:00	
PN FM	-2504-13005	Pacific/Pitcairn	Dohnnoi/Donone	Canonical	-08:00	-08:00	
<u>FM</u>	+0658+15813	Pacific/Pohnpei	Pohnpei/Ponape	Canonical	+11:00	+11:00	Link to Docifi-/D-h
		Pacific/Ponape	Papua New Guinea (most	Alias	+11:00	+11:00	Link to Pacific/Pohnpei
<u>PG</u>	-0930+14710	Pacific/Port_Moresby	areas)	Canonical	+10:00	+10:00	
<u>CK</u>	-2114-15946	Pacific/Rarotonga		Canonical	-10:00	-10:00	
<u>MP</u>	+1512+14545	Pacific/Saipan		Alias	+10:00	+10:00	Link to Pacific/Guam
		Pacific/Samoa		Alias	-11:00	-11:00	Link to Pacific/Pago_Pago
<u>PF</u>	-1732-14934	Pacific/Tahiti	Society Islands	Canonical	-10:00	-10:00	
<u>KI</u>	+0125+17300	Pacific/Tarawa	Gilbert Islands	Canonical	+12:00	+12:00	
<u>TO</u>	-2110-17510	Pacific/Tongatapu		Canonical	+13:00	+14:00	
		Pacific/Truk		Alias	+10:00	+10:00	Link to Pacific/Chuuk
UM	+1917+16637	Pacific/Wake	Wake Island	Canonical	+12:00	+12:00	
						İ	

WF	-1318-17610	Pacific/Wallis	Canonical	+12:00	+12:00	
		Pacific/Yap	Alias	+10:00	+10:00	Link to Pacific/Chuuk
		Poland	Deprecated	+01:00	+02:00	Link to Europe/Warsaw
		Portugal	Deprecated	+00:00	+01:00	Link to Europe/Lisbon
		PRC	Deprecated	+08:00	+08:00	Link to Asia/Shanghai
		PST8PDT	Deprecated	-08:00	-07:00	Choose a zone that observes PST with United States daylight saving time rules, such as America/Los_Angeles.
		ROC	Deprecated	+08:00	+08:00	Link to Asia/Taipei
		ROK	Deprecated	+09:00	+09:00	Link to Asia/Seoul
		Singapore	Deprecated	+08:00	+08:00	Link to Asia/Singapore
		Turkey	Deprecated	+03:00	+03:00	Link to Europe/Istanbul
		UCT	Deprecated	+00:00	+00:00	Link to Etc/UCT
		Universal	Deprecated	+00:00	+00:00	Link to Etc/UTC
		US/Alaska	Deprecated	-09:00	-08:00	Link to America/Anchorage
		US/Aleutian	Deprecated	-10:00	-09:00	Link to America/Adak
		<u>US/Arizona</u>	Deprecated	-07:00	-07:00	Link to America/Phoenix
		US/Central	Deprecated	-06:00	-05:00	Link to America/Chicago
		US/Eastern	Deprecated	-05:00	-04:00	Link to America/New_York
		US/East-Indiana	Deprecated	-05:00	-04:00	Link to America/Indiana/Indianapolis
		US/Hawaii	Deprecated	-10:00	-10:00	Link to Pacific/Honolulu
		US/Indiana-Starke	Deprecated	-06:00	-05:00	Link to America/Indiana/Knox
		US/Michigan	Deprecated	-05:00	-04:00	Link to America/Detroit
		<u>US/Mountain</u>	Deprecated	-07:00	-06:00	Link to America/Denver
		<u>US/Pacific</u>	Deprecated	-08:00	-07:00	Link to America/Los_Angeles
		US/Pacific-New	Deprecated	-08:00	-07:00	Link to America/Los_Angeles
		US/Samoa	Deprecated	-11:00	-11:00	Link to Pacific/Pago_Pago
		UTC	Alias	+00:00	+00:00	Link to Etc/UTC
		WET	Deprecated	+00:00	+01:00	Choose a zone that <i>observes</i> WET, such as <u>Europe/Lisbon</u> .
		<u>W-SU</u>	Deprecated	+03:00	+03:00	Link to Europe/Moscow
		Zulu	Deprecated	+00:00	+00:00	Link to Etc/UTC

#### Number of zones / links by region

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Region	Zones	Links	Total
Africa	19	35	54
America	130	36	166
Antarctica	10	2	12
Asia	76	22	98
Atlantic	9	3	12
Australia	12	11	23
Europe	46	17	63
Indian	8	3	11
Pacific	36	7	43
Etc	29	6	35
Other	11	33	44
Total	386	175	561

## Notes

- 1. The <u>Asia/Kashgar</u> entry in the <u>tz database</u> reflected the use of <u>Xinjiang Time</u> by part of the local population. Consider using <u>Asia/Shanghai</u> for Beijing Time if that is preferred.
- 2. The <u>Europe/Simferopol</u> entry in the <u>tz database</u> includes the disputed 2014 transition from Ukraine Time to Moscow Time related to the <u>Annexation of Crimea by the Russian Federation</u>. Consider using <u>Europe/Kiev</u> for Ukraine Time if you disagree with this position.

## References

 $1. \ \underline{\text{"Time Zone Database" (https://data.iana.org/time-zones/releases/)}}. \ \underline{\text{IANA}}. \ 2017-02-28. \ \text{Retrieved 2019-08-05}.$ 

2. "Time Zone & Clock Changes in Troll Station, Antarctica" (https://www.timeanddate.com/time/zone/antarctica/troll). www.timeanddate.com. Retrieved 2019-08-05.

## **Further reading**

• For a complete and accurate history of each time zone, refer to the data and commentary in the TZ database itself.

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