

Sheet1

PREFIX	HEAL	COUNTRY,C,30	ITU	ZONEDX	ZONE RANGE,C,10
A2	102	BOTSWANA	57	38	7946
A3	258	TONGA	62	32	7503
A4	41	OMAN	39	21	7266
A5	12	BHUTAN	41	22	7787
A6	43	U. ARAB EMIRATES	39	21	7058
A7	45	QATAR	39	21	6905
A9	46	BAHRAIN	39	21	6836
AP	34	PAKISTAN	41	21	7468
AX	260	AUSTRALIA	SEE VK	SEE VK	9890
BV	341	TAIWAN	44	24	7860
BY	349	CHINA	33,42-4	23 & 24	6931
C2	286	REP. OF NAURU	65	31	7598
C3	59	ANDORRA	27	14	3988
C5	97	THE GAMBIA	46	35	4113
C6	180	BAHAMAS	11	8	945
C9	100	MOZAMBIQUE - L. MARQUES	53	37	8372
C9	84	MOZAMBIQUE - MOZAMBIQUE	53	37	8380
CE	174	CHILE	14 & 15	12	4999
CE0A	209	EASTER ISLAND	63	12	5035
CE0X	183	SAN FELIX	14	12	4493
CE0Z	181	JAUN FERNANDEZ	14	12	5019
CM	197	CUBA	11	8	1113
CO	197	CUBA	11	8	1113
CN	73	MOROCCO	37	33	3813
CP	169	BOLIVIA	12	10	3860
CR9	348	MACAO	44	24	8167
CT	67	PORTUGAL	37	14	3590
CT2	74	AZORES	36	14	2799
CT3	77	MADERIA	36	33	3393
CX	162	URUGUAY	14	13	5255
D2	96	ANGOLA	52	36	6627
D4	102	CAPE VERDE	46	35	3472
D6	79	COMOROS	53	39	8401
DA	48	W. GERMANY	28	14	3948
DF	48	W. GERMANY	28	14	3948
DJ	48	W. GERMANY	28	14	3948
DK	48	W. GERMANY	28	14	3948
DL	48	W. GERMANY	28	14	3948
DU	341	PHILIPPINES - LUZON	50	27	8416
DU	338	PHILIPPINES - MANILA	50	27	8562
EA	63	SPAIN	37	14	3806
EA6	62	BALEARIC ISLANDS	37	14	4083
EA8	81	CANARY ISLANDS	36	33	3485
EA9	69	CEUTA	37	33	3839
EA9	68	MELILLA	37	33	3966
EI	48	REP IRELAND	27	14	3405
EL	100	LIBERIA	46	35	4688
EP	39	IRAN	40	21	6344

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ET	66	ETHIOPIA - ADDIS ABABA	48	37	7181
ET	113	ETHIOPIA - ASMARA	48	37	2893
F	52	FRANCE	27	14	3853
FG	143	GUADELOUPE	11	8	1809
FS	144	ST. MARTIN	11	8	1668
FH	79	MAYOTTE	53	39	8544
FK	268	NEW CALEDONIA	56	32	8483
FM	144	MARTINIQUE	11	8	1937
FO	235	CLIPPERTON ISL.	10	7	2769
FO	245	FR. POLYNESIA	63	32	6052
FP	56	ST. PIERRE	9	5	1208
FR	76	GLORIOSO ISL.	53	39	8593
FR	92	JUAN DE NOVA	53	39	8595
FR	80	REUNION	53	39	9404
FR	75	TROMELIN	53	39	9117
FS	145	ST. MARTIN	11	8	1671
FW	270	WALLIS & FUTUNA	62	32	7653
FY	140	FR. GUIANA	12	9	2811
G	49	ENGLAND	37	14	3688
GD	47	ISLE OF MANN	27	14	3466
GI	46	N. IRELAND	27	14	3406
GJ	52	JERSEY	27	14	3655
GM	45	SCOTLAND	27	14	3439
GU	52	GUERNSEY	27	14	3630
GW	50	WALES	27	14	3558
H4	284	SOLOMONS	51	28	8448
HA	47	HUNGARY	28	15	4581
HB	53	SWITZERLAND	28	14	4085
HB0	51	LIECHTENSTEIN	28	14	4204
HC	182	ECUADOR	12	10	2692
HC8	203	GALAPAGOS ISLS.	12	10	2838
HE	51	LIECHTENSTEIN	28	14	4204
HG	47	HUNGARY	28	15	4581
HH	166	HAITI	11	8	1421
HI	160	DOMINICAN REP.	11	8	1475
HK	174	COLOMBIA	12	9	2360
HK0	184	BAJO NUEVO	11	8	1580
HK0	187	MALPELO	11	8	2414
HK0	190	SAN ANDRES	11	8	1827
HK0	189	SERRANA BANK	11	8	1700
HL	341	KOREA	44	25	6938
HP	187	PANAMA	11	7	2091
HR	202	HONDURAS	11	7	1798
HS	3	THAILAND	49	26	8800
HV	55	VATICAN CITY	28	15	4501
HZ	56	SAUDI ARABIA -MECCA	39	21	6607
HZ	46	SAUDI ARABIA - DHARAN	39	21	6804
I	55	ITALY - ROME	28	15	4513
I	51	ITALY - TRIESTE	28	15	4446

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IM	58	SARDINIA	28	15	4414
IS	58	SARDINIA	28	15	4414
IT	58	ITALY	28	15	4736
J2	61	DJIBOUTI	48	37	7241
J3	147	GRENADA	11	8	2091
J5	98	GUINEA-BISSAU	46	35	4218
J6	145	ST. LUCIA	11	8	1977
J7	144	DOMINICA	11	8	1882
J8	146	ST. VINCENT & DEP	11	8	2010
JA	330	JAPAN	45	25	6774
JD	313	MINAMI TORI-SHIMA	45 & 90	27	6934
JD	325	OGASAWARA	45 & 90	27	7289
JF	330	JAPAN	45	25	6774
JH	330	JAPAN	45	25	6774
JT	357	MONGOLIA	32 & 33	23	6442
JW	15	SVALBARD	18	40	3661
JX	25	JAN MAYEN	18	40	3252
JY	51	JORDON	39	20	5945
KC4	188	ANTARCTICA - BYRD STATION	74	12	8358
KC4	196	ANTARCTICA - McMURDO	71	30	9189
KC4	174	ANTARCTICA - PALMER	73	13	7196
KC6	299	E. CAROLINE ISL.	65	27	7637
KC6	318	W. CAROLINE ISL.	65	27	8390
KG4	173	GUANTANAMO BAY	11	8	1298
KH1	276	BAKER-AM PHOENIX	61	31	6655
KH2	314	GUAM	64	27	7877
KH3	285	JOHNSTON ISLAND	61	31	5623
KH4	298	MIDWAY ISLAND	61	31	5527
KH5	271	PALMYRA ISLAND	61	31	5664
KH5K	273	KINGMAN REEF	61	31	5644
KH6	279	HAWAII - HILO	61	31	4725
KH6	282	HAWAII - HONOLULU	61	31	4811
KH7	299	KURE ISLAND	61	31	5553
KH8	261	AMERICAN SAMOA	62	32	7005
KH9	301	WAKE ISLAND	65	31	6671
KH0	315	MARIANA ISLAND	64	27	7725
KL7	318	ALASKA - ADAK	1	1	4525
KL7	322	ALASKA - ANCHORAGE	1	1	3361
KL7	327	ALASKA - FAIRBANKS	1	1	3274
KL7	318	ALASKA - JUNEAU	1	1	2828
KL7	328	ALASKA - NOME	1	1	3786
KP1	174	NAVASSA ISLAND	11	8	1435
KP2	148	VIRGIN ISLANDS	11	8	1626
KP5	154	DESECHEO ISLAND	11	8	1528
KP4	151	PUERTO RICO	11	8	1548
KX	296	MARSHALL ISLANDS	65	31	7010
LG	37	NORWAY	18	14	3891
LJ	37	NORWAY	18	14	3891
LU	164	ARGENTINA	14-6,73	13	5204

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LX	50	LUXEMBOURG	27	14	4023
LZ	50	BULGARIA	28	20	4937
OA	179	PERU	12	10	3500
OD	50	LEBANON	39	20	5832
OE	48	AUSTRIA	28	15	4447
OF	33	FINLAND	18	15	4328
OG	33	FINLAND	18	15	4328
OH	33	FINLAND	18	15	4328
OI	33	FINLAND	18	15	4328
OH0	34	ALAND ISLAND	18	15	4179
OJ0	35	MARKET REEF	18	15	4144
OK	46	CZECHOSLOVAKIA	28	15	4307
ON	49	BELGIUM	27	14	3886
OX	24	GREENLAND	5	40	1983
OY	37	FAEROE	18	14	3284
OZ	41	DENMARK	18	14	4068
P2	300	PAPUA NEW GUINEA	51	28	8885
P2	294	PAPUA NEW GUIAEA	51	28	9020
PE	47	NETHERLANDS	27	14	3868
PI	47	NETHERLANDS	27	14	3868
PJ2	162	NETH. ANTILLES	11	9	1914
PJ4	162	NETH. ANTILLES	11	9	1914
PJ5	145	ST. MAARTEN	11	8	1671
PJ8	145	ST. EUSTATIUS IS	11	8	1671
PY	147	BRAZIL - BRASILLIA	12-3,15	11	4228
PY	146	BRAZIL - RIO DE JANEIRO	12-3,15	11	4800
PY	129	BRAZIL - NATAL	12-3,15	11	4099
PY0	124	FERNANDO DE NORONHA	13	11	4076
PY0	119	ST. PETER & PAULS	13	11	3937
PY0	101	TRINDADE & M. VAZ	13	11	3183
PZ	150	SURINAM	12	9	3403
S2	12	BANGLADESH	41	22	8030
S7	63	SEYCHELLES ISLANDS	53	39	8656
S9	94	SAO TOME	47	36	5847
SK	36	SWEDEN	18	14	4147
SM	36	SWEDEN	18	14	4147
SP	44	POLAND - CRACOW	28	15	4526
SP	42	POLAND - WARSAW	28	15	4482
ST	65	SUDAN	48	34	6568
ST0	74	SOUTHERN SUDAN	48	34	7006
SU	55	EGYPT	38	34	5840
SV	55	CRETE	28	20	5367
SV	53	DODECANESE	28	20	5377
SV	53	GREECE	28	20	5149
SV	51	MT. ATHOS	28	20	5082
T2	272	TUVALU	65	35	7341
T31	269	KIRIBATI - CENTRAL	65	31	6580
T30	277	KIRIBATI - WEST	65	31	7375
T32	251	KIRIBATI - EAST	65	31	5732

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T7	53	SAN MARINO	28	15	4456
TA	47	TURKEY	39	20	5446
TF	33	ICELAND	17	40	2824
TG	209	GUATEMALA	11	7	1844
TI	193	COSTA RICA	11	7	2022
TI9	197	COCOS ISLAND	11	7	2402
TJ	87	CAMEROON	47	36	6011
TK	56	CORSICA	28	15	4339
TL	83	CENTRAL AF. REP.	47	36	6311
TN	92	REP. OF CONGO	52	36	6517
TR	92	GABON	52	36	5999
TT	79	CHAD	47	36	5827
TU	96	IVORY COAST	46	35	5084
TY	91	BENIN	46	31	5389
TZ	92	MALI REPUBLIC	46	35	4551
UA1	32	EUR. RUSSIA - LENINGRAD	29	16	4480
UA3	33	EUR. RUSSIA - MOSCOW	29	16	4866
UA4	29	EUR. RUSSIA - KUIBYSHEV	29	16	5349
UA6	38	EUR. RUSSIA - ROSTOV	29	16	5370
UA1	9	FRANZ JOSEF LAND	75	40	3990
UA2	40	KALININGRAD	29	15	4366
UA9	11	ASIATIC RUSSIA - NOVOSIBIRSK	31	18	5858
UA9	24	ASIATIC RUSSIA - PERM	30	17	5260
UA0	339	ASIATIC RUSSIA - KHABAROVSK	23	18 & 19	6121
UA0	5	ASIATIC RUSSIA - KRASNOYARSK	23	18 & 19	5867
UA0	347	ASIATIC RUSSIA - YAKUTSK	23	18 & 19	5310
UB	40	UKRAINE	29	16	4904
UC	38	WHITE RUSSIA	29	16	4640
UD	37	AZERBAIJAN	29	21	6035
UF	39	GEORGIA	29	21	5815
UG	40	ARMENIA	29	21	5850
UH	34	TURKOMAN	30	17	6425
UI	29	UZBEK	30	17	6474
UJ	27	TADZHIK	30	17	6580
UL	16	KAZAKHSTAN	30	17	5901
UM	20	KIRGHIZA	31	17	6594
UO	43	MOLDAVIA	29	16	4982
UP	38	LITHUANIA	29	15	4554
UQ	36	LATVIA	29	15	4412
UR	34	ESTONIA	29	15	4371
V3	207	BELIZE	11	7	1603
V2	140	ANTIGUA & BARBUDA	11	8	1836
V4	145	ST. CHRISTOPHER & NEVIS ISL.	11	8	1725
VE1	43	NEW BRUNSWICK & NOVA SCOTIA	9	5	849
VE2	24	QUEBEC	4 & 9	2 & 5	636
VE3	356	ONTARIO	4	4	437
VE4	316	MANATOBA	3	4	1237
VE5	314	SASKATCHEWAN	3	4	1700
VE6	312	ALBERTA	2	4	1948

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VE7	313	BRITISH COLUMBIA	2	3	2413
VE8	328	YUKON	2	2	2899
VE8	338	NORTH WEST TERRITORY	3	1	2128
VE1	63	SABLE ISLAND	9	5	969
VE1	50	ST. PAUL ISLAND	9	5	1051
VK1	260	AUSTRALIA	59	30	9890
VK2	262	AUSTRALIA - SYDNEY	59	30	9747
VK3	258	AUSTRALIA - MELBOURNE	59	30	10152
VK4	269	AUSTRALIA - BRISBANE	55	30	9450
VK5	266	AUSTRALIA - ADELAIDE	59	30	10433
VK6	298	AUSTRALIA - PERTH	58	29	11549
VK7	248	AUSTRALIA - TASMANIA	59	30	10101
VK8	308	AUSTRALIA - DARWIN	55	29	9924
VK2	261	LORD HOWE ISLAND	60	30	9250
VK9	354	CHRISTMAS ISLAND	55	30	10473
VK9	13	COCOS (KEELING) IS.	55	30	10565
VK9	279	MELLISH REEF	55	30	8934
VK9	259	NORFOLK ISLAND	55	30	8697
VK9	286	WILLIS ISLAND	55	30	9198
VK0	135	HEARD ISLAND	68	39	10731
VK0	228	MACQUARIE ISLAND	68	39	9636
VO1	53	NEWFOUNDLAND	9	5	1290
VO2	29	LABRADOR	9	2	1282
VP2E	144	ANGUILLA	11	8	1653
VP2M	144	MONTserrat	11	8	1769
VP2V	148	BRITISH VIRGIN IS.	11	8	1598
VP5	163	TURKS & CAICOS IS.	11	8	1196
VP8	169	FALKLAND ISLANDS	16	13	6349
VP8	157	SO. GEORGIA ISL.	16	13	6836
VP8	165	SO. ORKNEY IS.	16	13	7044
VP8	155	SO. SANDWICH IS.	16	13	7204
VP8	171	SO. SHETLAND IS.	16	13	7031
VP9	118	BERMUDA	11	9	839
VQ9	49	CHAGOS	41	39	9562
VR6	227	PITCAIRN IS.	63	32	5565
VS6	342	BRUNEI	44	24	9310
VS6	348	HONG KONG	44	24	8140
VS9K	59	KAMARAN IS.	39	21	7067
VU	31	INDIA	41	22	8004
VU	15	INDIA - CALCUTTA	41	22	8098
VU	24	INDIA - NEW DELHI	41	22	7538
VU7	11	ANDAMAN IS.	41	22	9022
VU7	39	LACCADIVE IS.	41	22	8468
XE1	230	MEXICO - MEXICO CITY	10	6	1857
XE2	256	MEXICO - CHIHUAHHA	10	6	1771
XE3	214	MEXICO - MERIDA	10	6	1422
XF4	245	REVILLA GIGEDO IS.	10	6	2517
XP	24	GREENLAND	5 & 75	40	1983
XT	89	UPPER VOLTA	46	35	4920

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XU	357	KHMER REP.	40	26	8960
XV	355	VIETNAM	49	26	9002
XW	0	LAO PEOPLES D. REP.	49	26	8515
XX9	348	MACOA	44	24	8167
XZ	8	BURMA	49	26	8573
Y2	44	GERMAN DEM. REP.	28	14	4192
Y3	44	GERMAN DEM. REP.	28	14	4192
Y4	44	GERMAN DEM. REP.	28	14	4192
Y5	44	GERMAN DEM. REP.	28	14	4192
Y6	44	GERMAN DEM. REP.	28	14	4192
Y7	44	GERMAN DEM. REP.	28	14	4192
Y8	44	GERMAN DEM. REP.	28	14	4192
Y9	44	GERMAN DEM. REP.	28	14	4192
YA	32	AFGHANISTAN	40	21	6984
YB	352	INDONESIA	51 & 54	28	10155
YC	352	INDONESIA	51 & 54	28	10155
YI	45	IRAQ	39	21	6237
YJ	270	NEW HEBRIDES	56	32	8295
YK	50	SYRIA	39	20	5869
YN	198	NICARAGUA	11	7	1916
YO	47	ROMANIA	28	20	4980
YS	206	EL SALVADOR	11	7	1845
YT	49	YUGOSLAVIA	28	15	4736
YU	49	YUGOSLAVIA	28	15	4736
YV	159	VENEZUELA	12	9	2050
YV0	159	AVES ISLAND	11	9	1940
YZ	49	YUGOSLAVIA	28	15	4736
Z2	93	ZIMBABWE	53	38	7962
ZA	52	ALBANIA	28	15	4826
ZB	69	GIBRALTAR	37	14	3847
ZC	51	CYPRUS	39	20	5677
ZD7	114	ST. HELENA	66	36	5950
ZD8	114	ASCENSION IS.	66	36	5179
ZD9	138	TRISTAN DA CUNHA	66	38	6426
ZF	191	CAYMAN IS.	11	8	1344
ZK1	258	COOK IS. (N)	63	32	6326
ZK1	249	COOK IS. (S)	63	32	6705
ZK2	256	NIUE IS.	62	32	7160
ZK3	260	TOKELAUS	62	31	6558
ZL1	247	NEW ZEALAND - AUCKLAND	60	32	8594
ZL2	243	NEW ZEALAND - WELLINGTON	60	32	8718
ZL3	241	NEW ZEALAND - CHRISTCHURCH	60	32	8872
ZL4	238	NEW ZEALAND - DUNEDIN	60	32	9054
ZL5	195	ANTARCTICA - SCOTT BASE	74	30	9208
ZL	230	AUCKLAND & CAMPBELL	60	32	9205
ZL	236	CHARHAM IS.	60	32	8369
ZL	251	KERMADEC IS.	60	32	8002
ZP	161	PARAGUAY	14	11	4599
ZS1	115	SO. AFRICA - CAPE TOWN	57	38	7904

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ZS5	105	SO. AFRICA - DURBAN	57	38	8397
ZS6	103	SO. AFRICA - JOHANNESBURG	57	38	8120
ZS2	122	P. EDWARD & MARION	57	38	9190
ZS3	105	NAMBIA - S.W AFRICA	57	38	7397
1A	55	S.W.O.M.	28	15	4503
1S	348	SPRATLY IS.	49	26	9096
3A	55	MONACO	27	14	4215
3B6	68	AGALEGA	53	39	8991
3B7	68	ST. BRANDON	53	39	8991
3B8	78	MAURITIUS	53	39	9473
3B9	72	RODRIGUEZ	53	39	9756
3C	90	EQUATORIAL GUINEA	47	36	5998
3C0	90	ANNOBON	47	35	5844
3D2	265	FIJI IS.	56	32	7717
3D6	102	SWAZILAND	57	38	8328
3V	61	TUNISIA	37	33	4585
3W	355	VIETNAM	49	26	9002
3X	98	REP. OF GUINEA	46	35	4410
3Y	141	BOUVET IS.	67	38	7988
4S	30	SRI LANKA	41	22	8956
4U	53	ITU GENEVA	8	5	4091
4U	50	UNITED NATIONS HQ	8	5	232
4W	58	YEMAN	39	21	7137
4X	52	ISRAEL	39	20	5902
4Z	52	ISRAEL	39	20	5902
5A	64	LIBYA	38	34	4855
5B	51	CYPRUS	39	20	5677
5H	78	TANZANIA	53	37	7959
5N	91	NIGERIA	46	35	5418
5R	84	MALAGASY REP	53	39	8844
5T	93	MAURITANIA	46	35	3918
5U	86	NIGER	46	35	5069
5V	92	TOGO	46	35	5359
5W	263	WESTERN SAMOA	62	32	7016
5X	76	UGANDA	48	37	7234
5Z	75	KENYA	48	37	7608
6D	230	MEXICO	10	6	1857
6D4	245	REVILLA GIGEDO IS.	10	6	2517
6O	66	SOMALI	48	37	7876
6W	97	SENEGAL	46	35	3932
6Y	176	JAMAICA	11	8	1430
7O	59	YEMAN P. DEM.	39	21	7285
7P	106	LESOTHO	57	38	8233
7Q	88	MALAWI	53	37	8058
7X	64	ALGERIA	37	33	4244
7Z	56	SAUDI ARABIA - MECCA	39	21	6607
7Z	46	SAUDI ARABIA - DHARAN	39	21	6804
8P	145	BARBADOS	11	8	2176
8Q	42	MALDIVE IS.	41	22 & 39	9137

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8R	147	GUYANA	12	9	2506
9G	94	GHANA	46	35	5289
9H	60	MALTA	28	15	4810
9J	93	ZAMBIA	53	36	7680
9K	46	KUWAIT	39	21	6581
9L	100	SIERRA LEONE	46	35	4464
9M2	1	WEST MALAYSIA	54	28	9550
9M6	340	EAST MALAYSIA - SABAH	54	28	9274
9M8	344	EAST MALAYSIA - SARAWAK	54	28	9542
9N	17	NEPAL	42	22	7720
9Q	92	ZAIRE - KINSHASA	52	36	6546
9Q	81	ZAIRE - KISANGANI	52	36	6838
9Q	90	ZAIRE - LUBUMBASHI	52	36	7530
9U	82	BURUNDI	52	36	7226
9V	358	SINGAPORE	54	28	9667
9X	80	RWANDA	52	36	7213
9Y	150	TRINIDAD	11	9	2121