



Locator: JN37ov 0km 0°

Solar flux ..: 170
 Regions ..: 680
 Sunspots ...: 88
 A,K ..: 29,3
 Dst ..: -11

15:01:47 14:01:16:40 08:17

ISS (ZARYA)
 11,873km
 Az 127°
 El -64°
 40° 12:53:23 Sunset -1h38m Sunrise 08:17

PREFIXES CB	PAYS	PREFIXES RADIOAMATEUR	CQ ZONE	ITU ZONE
1	ITALIE	I, IK	15,33	28,37
2	ETATS-UNIS D'AMERIQUE	W-K	3,4,5	6,7,8
3	BRESIL	PY	11	12,13,15
4	ARGENTINE	LU	13	14,16
5	VENEZUELA	YV	9	12
6	COLOMBIE	HK	9	12
7	NETHERLANDS ANTILLES	PJ	9	11
8	PEROU	OA	10	12
9	CANADA	VE	1,2,3,4,5	2,3,4,9,75
10	MEXIQUE	XE	6	10
11	PUERTO RICO	KP4	8	11
12	URUGUAY	CX	13	14
13	ALLEMAGNE	DL,DJ	14	28
14	FRANCE	F	14	27
15	SUISSE	HB,HE	14	28
16	BELGIQUE	ON	14	27
17	HAWAIIAN ISLANDS	KH6	31	61
18	GRECE	SV	20	28
19	PAYS-BAS	PA	14	27
20	NORVEGE	LA	14	18
21	SUEDE	SM	14	18
22	GUYANE FRANCAISE	FY	9	12
23	JAMAIQUE	6Y	8	11
24	PANAMA	HP	7	11
25	JAPON	JA	25	45
26	ANGLETERRE	G	14	27
27	ICELAND	TF	40	17
28	HONDURAS	HR	7	11
29	IRLANDE	EI	14	27
30	ESPAGNE	EA	14	37
31	PORTUGAL	CT	14	37
32	CHILI	CE	12	14,16
33	ALASKA	KL7	1	1,2
34	ILES CANARIES	EA8	33	36
35	AUTRICHE	OE	15	28
36	SAN MARINO	T7-9A1	15	28
37	REPUBLIQUE DOMINICAINE	HI	8	11
38	GROENLAND	OX	40	5,75
39	ANGOLA	D2	35	52
40	LIECHTENSTEIN	HB0	14	28
41	NOUVELLE ZELANDE	ZL	32	60
42	LIBERIA	EL	35	46
43	AUSTRALIE	VK	29,3	55,58,59
44	AFRIQUE DU SUD	ZS	38	57
45	YUGOSLAVIE	YU	15	28
46	ALLEMAGNE DE L'EST	Y2	14	28
47	DENMARK	OZ	14	18
48	ARABIE SAOUDITE	HZ	20	39
49	LES BALEARES	EA6	14	37
50	EUROPEAN RUSSIA	UA1-6	16	19,20,29,30
51	ANDORRA	C3	14	27
52	FAROER ISLANDS	OY	14	18
53	EL SALVADOR	YS	7	11
54	LUXEMBOURG	LX	14	27
55	GIBRALTAR	ZB	14	37
56	FINLAND	OH	15	18
57	INDE	VU	22	41
58	EAST MALAYSIA	9M6,9M8	28	54
59	DODECANESE ISLANDS	SV9	20	28
60	HONG KONG	VS6	24	44
61	EQUATEUR	HC	10	12
62	GUAM ISLAND	KH2	27	64
63	ST. HELENA ISLAND	ZD7	36	66
64	SENEGAL	6W	35	46
65	SIERRA LEONE	9L	35	46
66	MAURITANIA	5T	35	46
67	PARAGUAY	ZP	11	14
68	NORTHERN IRELAND	GI	14	27
69	COSTA RICA	TI	7	11
70	AMERICAN SAMOA ISLANDS	KH8	32	62

71	MIDWAY ISLANDS	KH4	31	61
72	GUATEMALA	TG	7	11
73	SURINAME	PZ	9	12
74	NAMIBIA	ZS3	38	57
75	AZORES ISLANDS	CT2	14	36
76	MOROCCO	CN	33	37
77	GHANA	9G	35	46
78	ZAMBIE	9J	36	53
79	PHILIPPINE ISLANDS	DU	27	50
80	BOLIVIE	CP	10	12,14
81	SAN ANDRES & PROVIDENCIA	HK0	7	11
82	GUANTANAMO BAY	KG4	8	11
83	TANZANIA	5H	37	53
84	IVORY COAST	TU	35	46
85	ZIMBABWE	ZZ	38	53
86	NEPAL	9N	22	32
87	YEMEN	4W	21	3949
88	CUBA	CO	8	11
89	NIGERIA	5N	35	46
90	CRETE ISLAND	SV5	20	28
91	INDONESIA	YB	28	51,54
92	LIBYA	5A	34	38
93	MALTA	9H	15	28
94	UNITED ARAB EMIRATES	A6	21	39
95	MONGOLIA	JT	23	32
96	TONGA ISLANDS	A3	32	62
97	ISRAEL	4X,4Z	20	39
98	SINGAPORE	9V	28	54
99	FIJI ISLANDS	3D2	32	56
100	KOREA	HL	25	44
101	PAPUA - NEW GUINEA	P2	28	51
102	KUWAIT	9K	21	39
103	HAITI	HH	8	11
104	CORSICA	TK	15	28
105	BOTSWANA	A2	38	57
106	CEUTA & MELILLA	EA9	33	37
107	MONACO	3A	14	27
108	SCOTLAND	GM	14	27
109	HUNGARY	HA	15	28
110	CYPRUS	5B	20	39
111	JORDAN	JY	20	39
112	LEBANON	OD	20	39
113	WEST MALAYSIA	9M2	28	54
114	PAKISTAN	AP	21	41
115	QATAR	A7	21	39
116	TURKEY	TA	20	39
117	EGYPT	SU	34	38
118	THE GAMBIA	C5	35	46
119	MADEIRA ISLAND	CT3	33	36
120	ANTIGUA & BARBUDA ISL	V2	8	11
121	THE BAHAMAS	C6	8	11
122	BARBADOS ISLAND	8P	8	11
123	BERMUDA ISLAND	VP9	5	11
124	AMSTERDAM & ST. PAUL ISL	FB8Z	39	68
125	CAYMAN ISLANDS	ZF	8	11
126	NICARAGUA	YN	7	11
127	VIRGIN ISLANDS	KV4,KP2	8	11
128	BRITISH VIRGIN ISL.	VP2V	8	11
129	MACQUARIE ISLANDS	VKO	30	60
130	NORFOLK ISLANDS	VK9N	32	60
131	GUYANA	8R	9	12
132	MARSHALL ISLANDS	KX6	30	65
133	MARIANAS ISLANDS	KHO	27	64
134	REPUBLIC OF BELAU	V63	27	64
135	SOLOMON ISLANDS	H4	28	51
136	MARTINIQUE ISLAND	FM	8	11
137	ISLE OF MAN	GD	14	27
138	VATICAN CITY STATE	HV	15	28
139	SOUTHERN YEMEN	7O	21	39
140	ANTARCTICA	FB8Y	12,13,29,30,32	67,69,70,71,72
141	ST. PIERRE & MIQUELON	FP	5	9

142	LESOTHO	7P	38	57
143	ST. LUCIA ISLAND	J6	8	11
144	EASTER ISLAND	CE0A	12	63
145	GALAPAGOS ISLANDS	HC8	10	12
146	ALGERIA	7X	33	37
147	TUNISIA	3V	33	37
148	ASCENSION ISLAND	ZD8	36	66
149	LACCADIVE ISLANDS	VU7	22	41
150	BAHREIN	A9	21	39
151	IRAQ	YI	22	39
152	MALDIVE ISLANDS	8Q	22	41
153	THAILAND	HS	26	49
154	IRAN	EP	21	40
155	TAIWAN	BV	24	44
156	CAMEROON	TJ	36	47
157	MONTSERRAT ISLAND	VP2M	8	11
158	TRINIDAD & TOBAGO ISL	9Y	9	11
159	SOMALI REPUBLIC	T5-60	37	48
160	SUDAN	ST	34	47,48
161	POLAND	SP	15	28
162	REPUBLIC OF ZAIRE	9Q	36	52
163	WALES	W	14	27
164	TOGO REPUBLIC	5V	35	46
165	SARDINIA	IS0	15	28
166	ST. MAARTEN, SABA & ST.E	PJ7-8	8	11
167	JERSEY ISLAND	GJ	14	27
168	MAURITIUS ISLANDS	3B8	39	53
169	GUERNSEY ISLAND & DEPEND	GU	14	27
170	BURKINA FASO	ZT	35	46
171	SVALBARD ISLANDS	JW	40	18
172	NEW CALEDONIA	FK	32	56
173	REUNION ISLAND	FR	39	53
174	UGANDA	5X	37	48
175	CHAD REPUBLIC	TT	36	47
176	CENTRAL AFRICAN REPUBLIC	TL	36	47
177	SRI LANKA	4S	22	41
178	BULGARIA	LZ	20	28
179	CZECHOSLOVAKIA	OK	15	28
180	OMAN	A4	21	39
181	SYRIA	YK	20	39
182	REPUBLIC OF GUINEA	3X	35	46
183	BENIN	TY	35	46
184	BURUNDI	9U	36	52
185	COMOROS ISLANDS	D6	39	53
186	DJIBOUTI	J2	37	48
187	KENYA	5Z	37	48
188	MADAGASCAR	5R	39	53
189	MAYOTTE ISLAND	FH	39	53
190	SEYCHELLES ISLANDS	S7	39	53
191	SWAZILAND	3D6	38	57
192	COCOS ISLANDS	TI9	7	12
193	COCOS - KEELING ISLANDS	VK9Y	29	54
194	DOMINICA ISLAND	J7	8	11
195	GRENADA ISLAND & DEPEND	J3	8	11
196	GUADALOUPE ISLANDS	FG	8	11
197	VANUATU ISLANDS	YJ	32	56
198	FALKLAND ISLANDS	VP8	13	16
199	EQUATORIAL GUINEA	3C	36	47
200	SOUTH SHETLAND ISLANDS	VP8	13	73
201	FRENCH POLYNESIA	FO	32	63
202	BHUTAN	A5	22	41
203	CHINA	BY	23	44
204	MOZAMBIQUE	C9	37	53
205	REPUBLIC OF CAPE VERDE	D4	35	46
206	ETHIOPIA	ET	37	48
207	ST. MARTIN ISLAND	FS	8	11
208	GLORIEUSES ISLANDS	FR/G	39	53
209	JUAN DE NOVA ISLAND	FR/J	39	53
210	WALLIS & FUTUNA ISLANDS	FW	32	62
211	JAN MAYEN ISLAND	JX	40	18
212	ALAND ISLANDS	OH0	15	18

213	MARKET REEF	OJO	15	18
214	CONGO REPUBLIC	TN	36	52
215	GABON REPUBLIC	TR	36	52
216	MALI	TZ	35	46
217	CHRISTMAS ISLAND	VK9X	29	54
218	BELIZE	V3	7	11
219	ANGUILLA ISLAND	VP2E	8	11
220	ST. VINCENT ISLAND & DEP	J8	8	11
221	SOUTH ORKNEY ISLANDS	VP8	13	73
222	SOUTH SANDWICH ISLANDS	PV8	13	73
223	WESTERN SAMOA ISLANDS	5W	32	62
224	WESTERN KIRIBATI	T30	31	65
225	BRUNEI	V85	28	54
226	MALAWI	7Q	37	53
227	RWANDA	9X	36	52
228	CHAGOS ISLANDS	VQ9	39	41
229	HEARD ISLAND	VK0	39	68
230	FEDERATED STATES OF	KC6	27	65
231	ST. PETER & ST. PAUL ROC	PY0	11	13
232	ARUBA ISLAND	P4	9	11
233	ROMANIA	YO	20	28
234	AFGHANISTAN	YA	22	40
235	I.T.U. GENEVA	4U	14	28
236	BANGLA DESH	S2	22	41
237	UNION OF MYANMAR	XZ	24	49
238	CAMBODIA	XU	26	49
239	LAOS	XW	26	49
240	MACAO	XX9	24	44
241	SPRATLY ISLAND	1S	26	50
242	VIETNAM	XV	26	49
243	AGALEGA & ST.BRANDON ISL	3B6	39	53
244	PAGALU ISLAND	3C0	36	52
245	NIGER REPUBLIC	5U	35	46
246	SAO TOME' & PRINCIPE ISL	S9	36	47
247	NAVASSA ISLAND	KP1	8	11
248	TURKS & CAICOS ISLANDS	VP5	8	11
249	NORTHERN COOK ISLANDS	ZK1	32	62
250	COOK ISLANDS	ZK1	32	63
251	ALBANIA	ZA	15	28
252	REVILLAGIGEDO ISLANDS	XF	6	10
253	ANDAMAN & NICOBAR ISLAND	VU7-4	26	49
254	MOUNT ATHOS	SY	20	28
255	KERGUELEN ISLANDS	FB8X	13	68
256	PRINCE EDWARD&MARION ISL	ZS8	38	57
257	RODRIGUEZ ISLAND	3B9	39	53
258	TRISTAN DA CUNHA & GOUGH	ZD9	38	66
259	TROMELIN ISLAND	FR/T	39	53
260	BAKER & HOWLAND ISLANDS	KH1	31	61
261	CHATHAM ISLANDS	ZL/7	32	60
262	JOHNSTON ISLAND	KH3	31	61
263	KERMADEC ISLANDS	ZL/K8	32	60
264	KINGMAN REEF	KH5K	31	61
265	CENTRAL KIRIBATI	T31	31	62
266	EASTERN KIRIBATI	T32	31	61,63
267	KURE ISLAND	KH7	31	61
268	LORD HOWE ISLANDS	VK9	30	60
269	MELLISH REEF	VK9	30	56
270	MINAMI TORISHIMA ISLAND	JD	27	64
271	REPUBLIC OF NAURU	C2	31	65
272	NIUE ISLAND	ZK2	32	62
273	JARVIS & PALMYRA ISLANDS	KH5	31	61,62
274	PITCAIRN ISLAND	VR6	32	63
275	TOKELAU ISLANDS	ZK3	31	62
276	TUVALU ISLANDS	T2	31	65
277	SABLE ISLAND	VE1	5	9
278	WAKE ISLAND	KH9	31	65
279	WILLIS ISLETS	VK9Z	30	55
280	AVES ISLAND	HV0	9	11
281	OGASAWARA ISLANDS	JD	27	45
282	AUCKLAND & CAMPBELL ISL.	ZL/9	32	60
283	ST. KITTS & NEVIS ISLAND	V4	8	11

284	ST. PAUL ISLAND	VE1	5	9
285	FERNANDO DE NORONHA ISLA	PY0	11	13
286	JUAN FERNANDEZ ISLANDS	CEOZ	12	14
287	MALPELO ISLAND	HK0	10	12
288	SAN FELIX & SAN AMBROSIO	CE0X	12	14
289	SOUTH GEORGIA ISLANDS	VP8	13	73
290	TRINDADE & MARTIM VAZ IS	PY0	11	15
291	DHEKELIA & AKROTIRI	ZC4	20	39
292	ABU-AIL & JABAL-AT-TAIR	A1	21	39
293	GUINEA BISSAU	J5	35	46
294	PETER 1ST ISLAND	3Y	12	72
295	SOUTHERN SUDAN	ST0	34	47,48
296	CLIPPERTON ISLAND	FO	7	10
297	BOUVET ISLAND	3Y	38	67
298	CROZET ISLANDS	FB8W	39	68
299	DESECHEO ISLAND	KP5	8	11
300	WEST SAHARA-RIO DE ORO	S0	33	46
301	ARMENIA	UG	21	29
302	ASIATIC RUSSIA	UA9-UA0	16,17,18,19,23	19-26,29-37,75
303	AZERBAIJAN	UD	21	29
304	ESTONIA	UR	15	29
305	FRANZ JOSEF LAND	UA1	40	75
306	GEORGIA	UF	21	29
307	KALININGRADSK	UA2	16	29
308	KAZAKH	UL7	17	29,30,31,
309	KIRGHIZ	UM	17	30,31
310	LATVIA	UQ	15	29
311	LITHUANIA	UP	15	29
312	MOLDAVIA	UO	16	29
313	TADZHIK	UJ	17	30
314	TURKOMAN	UH	17	30
315	UKRAINE	UB	16	29
316	UZBEK	UI	17	30
317	WHITE RUSSIA	UC	16	29
318	SURVEY MILITARY OF MALTA	1A	15	28
319	UNITED NATIONS NEW YORK	4U	5	8
320	BANABA ISLAND	T33	31	65
321	CONWAY REEF	3D2	32	56
322	WALVIS BAY	ZS9-1	38	57
323	YEMEN REPUBLIC	7O	21,37	39,48
324	PENGUIN ISLANDS	ZS9/0	30	57
325	ROTUMA ISLAND	3D2	32	56
326	MALYJ VYTSOTSKJ	4J	16	29
327	SLOVENJA	S5	15	28
328	CROATIA	9A	15	28
329	CZECH REP.	OK	15	28
330	SLOVAK REP.	OM	15	28
331	BOSNIA	4N4	15	28
332	MAKEDONIA	4N5	15	28
333	ERITREA	E3	15	48
334	NORTH KOREA	P5	37	14
335	PRATAS ISLAND	BS7	25	50
336	SCARBOROUGH REEF	BV9	27	44
337	AUSTRAL ISLANDS	FO0A	32	63
338	MARQUESAS ISLANDS	FO0M	32	63
339	TEMOTU	H40	28	51
340	PALESTINA	E4	20	39
341	EAST TIMOR	4W6	28	54
342	CHESTERFIELDS ISLANDS	FK/C	30	56
343	DUCIE ISLAND	VP6D	32	63