

2025 ARRL 10-Meter Contest - Line Scores DX

Results are grouped by Continent, then by DX Country/Entity name.

Within each country/entity, results are sorted by entry category (SO, SOU, M), then by score in descending order.

Each result includes Category, Final Score, QSOs, Multipliers, and On-time (hours).

Entries received after the log submission deadline are listed in italic.

Operating Category:

CHECKLOG = Checklog

MSHP = Multioperator, Single Transmitter, High Power

MSLP = Multioperator, Single Transmitter, Low Power

SO-CW-HP = Single Operator, CW Only, High Power

SO-CW-LP = Single Operator, CW Only, Low Power

SO-CW-QRP = Single Operator, CW Only, QRP

SO-MIX-HP = Single Operator, Mixed Mode, High Power

SO-MIX-LP = Single Operator, Mixed Mode, Low Power

SO-MIX-QRP = Single Operator, Mixed Mode, QRP

SO-PH-HP = Single Operator, Phone Only, High Power

SO-PH-LP = Single Operator, Phone Only, Low Power

(L) = Limited Antennas

(Y) = Youth

SO-PH-QRP = Single Operator, Phone Only, QRP

SOU-CW-HP = Single Operator Unlimited, CW Only, High Power

SOU-CW-LP = Single Operator Unlimited, CW Only, Low Power

SOU-CW-QRP = Single Operator Unlimited, CW Only, QRP

SOU-MIX-HP = Single Operator Unlimited, Mixed Mode, High Power

SOU-MIX-LP = Single Operator Unlimited, Mixed Mode, Low Power

SOU-MIX-QRP = Single Operator Unlimited, Mixed Mode, QRP

SOU-PH-HP = Single Operator Unlimited, Phone Only, High Power

SOU-PH-LP = Single Operator Unlimited, Phone Only, Low Power

SOU-PH-QRP = Single Operator Unlimited, Phone Only, QRP

Call	Score	QSOs	Mults	Category	On-time	Operator(s) and/or Host
Africa						
Algeria						
7X2VFK (L)	47,712	290	84	SO-PH-LP	9.8	
Canary Islands						
EA8AQV	11,990	102	55	SO-MIX-LP	4.9	
EA8XNX	57,036	302	97	SO-PH-LP	11.3	
EA8AT	45,714	418	57	SO-PH-LP	18.0	
EA8DOJ	6,634	110	31	SO-PH-LP	8.9	
EA8RM	332,688	735	116	SO-CW-QRP	16.3	
EA8ZS	97,960	358	79	SO-CW-HP	5.5	
EA8AJW	22,800	107	57	SO-CW-LP	4.8	
EC8AQQ	28,800	303	48	SOU-PH-LP	7.8	
EA8BS	16,856	176	49	SOU-PH-HP	4.0	
EA8DQO (L)	12,768	121	56	SOU-PH-LP	8.2	
EA8BW	664,200	1,276	150	SOU-CW-LP	29.2	
EA8/IK1PMR	3,456	32	27	SOU-CW-HP	0.8	
ED8T	29,232	239	63	MSLP	14.6	(Ops: EA8DMS, EA8DPQ, EA8RH)
Cape Verde						
D4M	254,118	1,051	123	SO-PH-LP	21.4	
D4C	4,568,094	4,479	361	MSHP	35.3	(Ops: IK2NCJ, IZ2WFL, IZ4DPV)
Ceuta & Melilla						
EA9E (L)	2,146	37	29	SO-PH-LP	1.1	

Chad						
TT1GD (SP5MXZ, op)	313,200	736	108	SOU-CW-HP	9.9	
Kenya						
5Z4VJ	821,568	1,572	132	SO-CW-HP	23.1	
Madeira Islands						
CT3HF	4,550	46	25	SO-MIX-LP	1.7	
CQ9A (EW6W, op)	1,055,950	3,075	175	SO-PH-HP	23.7	
CT9/HB9ILZ (L)	2	1	1	SO-PH-QRP	0.0	
CR3DX (OM3RM, op)	813,648	1,537	134	SO-CW-HP	10.8	
CT3KN	1,033,260	1,315	255	SOU-MIX-HP	10.4	
CT3KU	11,070	100	45	SOU-MIX-LP	7.0	
Malawi						
7Q7EB	972	28	18	SO-PH-LP	3.6	
7Q2T	1,807,520	2,104	260	SOU-MIX-HP	29.8	
Morocco						
CN8PA	124,080	665	94	SO-PH-LP	13.8	
CN8MTE	14,352	151	52	SO-PH-LP	5.6	
CN8YE (L)	336	15	12	SO-PH-LP	1.0	
Namibia						
V55Y (V51WH, op)	705,744	2,271	156	SOU-PH-HP	25.4	
V51F (L)	129,336	644	102	SOU-PH-LP	21.9	
V51YJ	390,208	730	134	SOU-CW-HP	23.6	
Reunion Island						
FR4QT	79,464	479	86	SOU-PH-HP	9.2	
Saint Helena						
ZD7BG	522,880	898	152	SO-MIX-HP	13.6	
South Africa						
ZR6C (ZS6RI, op)	14,504	89	49	SO-MIX-LP	4.5	
ZS1S	2,624	43	32	SO-PH-LP	3.8	
ZS1DWH (L)	432	19	12	SO-PH-LP	3.7	
ZS6FY	10,192	106	49	SOU-PH-LP	11.8	
ZS1C	416,340	786	135	SOU-CW-HP	18.4	
ZS6WAR	784	14	14	SOU-CW-LP	0.4	
Swaziland						
3DAØPA	128	8	8	SO-PH-QRP	1.0	
Zambia						
9J2FI (DL2RMC, op) (L)	1,245,680	1,683	230	SOU-MIX-LP	18.6	
Call	Score	QSOs	Mults	Category	On-time	Operator(s) and/or Host
Asia						
Asiatic Russia						
RU9AC	208,820	587	106	SO-MIX-LP	13.3	

RAØAY	162,162	520	91	SO-MIX-LP	9.8	
RØAA	126,198	461	81	SO-MIX-HP	9.1	
RK9UM (L)	94,860	347	90	SO-MIX-LP	16.8	
UAØDAR	82,128	400	58	SO-MIX-HP	7.5	
RC8SC (L)	42,174	196	71	SO-MIX-LP	5.7	
UA9JNT	25,488	147	54	SO-MIX-LP	5.6	
RF9C (UA9CIR, op)	18,744	121	44	SO-MIX-HP	2.6	
RA8AL	8,064	62	36	SO-MIX-LP	4.6	
RØCY	7,372	109	19	SO-MIX-LP	1.8	
RA9SDT (L)	33,152	301	56	SO-PH-LP	12.6	
UA9CUA	19,400	197	50	SO-PH-LP	4.9	
UA9URI	16,716	206	42	SO-PH-HP	4.1	
RT9YT	12,160	193	32	SO-PH-LP	9.6	
UBØUAP	9,504	147	33	SO-PH-LP	11.5	
UBØABG	2,310	57	21	SO-PH-LP	3.1	
RYØA	1,536	49	16	SO-PH-HP	0.3	
RZ9OW	552	24	12	SO-PH-LP	1.9	
R9MI (L)	468	19	13	SO-PH-LP	1.8	
UA9JFH (L)	440	22	10	SO-PH-LP	2.2	
RGØA	311,600	964	82	SO-CW-HP	17.0	
UC8Y	278,276	963	73	SO-CW-HP	16.6	
UA9AT	139,440	588	60	SO-CW-LP	16.4	
RC9T (L)	128,464	529	62	SO-CW-HP	12.0	
UD8A (L)	118,008	453	66	SO-CW-LP	7.8	
RK9AX	104,720	391	68	SO-CW-HP	5.1	
RZ9AM (L)	95,352	413	58	SO-CW-LP	17.2	
RTØO	94,940	509	47	SO-CW-HP	14.2	
RG8U	80,940	360	57	SO-CW-LP	8.1	
RW9QA	76,704	388	51	SO-CW-HP	5.4	
RC8SA (L)	65,892	327	51	SO-CW-LP	14.5	
RWØCR	49,020	288	43	SO-CW-HP	7.2	
RCØCD	47,872	358	34	SO-CW-HP	14.0	
R9CP (L)	44,480	290	40	SO-CW-LP	9.8	
R8WO	44,000	281	40	SO-CW-LP	7.3	
UAØOK	40,592	243	43	SO-CW-HP	14.3	
RT9YA (L)	31,860	178	45	SO-CW-LP	8.2	
RØKA/9	29,952	192	39	SO-CW-LP	10.9	
UAØACG	25,900	182	37	SO-CW-LP	6.6	
RA9YQM	25,088	215	32	SO-CW-LP	6.3	
RX9CC (L)	24,696	149	42	SO-CW-QRP	5.4	
RZ8U	24,400	252	25	SO-CW-LP	5.8	
RW9AV	21,456	150	36	SO-CW-LP	10.2	
RA9YE	18,816	149	32	SO-CW-LP	5.8	
UAØSDX	18,200	133	35	SO-CW-LP	5.9	

RW9MZ	16,864	124	34	SO-CW-LP	6.9	
R9OA	16,184	121	34	SO-CW-LP	6.4	
RAØLMK	13,392	110	31	SO-CW-LP	7.8	
RØLL (L)	6,256	69	23	SO-CW-LP	6.5	
UAØSBQ	4,752	55	22	SO-CW-QRP	4.4	
RØRG (L)	2,480	33	20	SO-CW-LP	2.5	
RX9L (L)	884	18	13	SO-CW-LP	1.7	
R8AIJ	748	18	11	SO-CW-QRP	1.9	
RØSEA	576	19	8	SO-CW-LP	1.7	
REØLAA (Y)	4	1	1	SO-CW-QRP	0.0	
RA9Y	879,780	1,714	165	SOU-MIX-HP	21.3	
RAØR	401,264	1,006	124	SOU-MIX-HP	18.8	
UA9CTT	372,680	883	121	SOU-MIX-HP	15.6	
UA9MA	244,770	623	123	SOU-MIX-HP	8.8	
RX9WN	226,904	594	113	SOU-MIX-HP	8.7	
UA9BA	195,144	416	141	SOU-MIX-HP	6.9	
RZØL	160,428	549	87	SOU-MIX-HP	16.9	
RZ9UO	112,812	395	79	SOU-MIX-LP	5.0	
UAØSR	71,176	278	82	SOU-MIX-HP	10.5	
RMØF	60,286	377	43	SOU-MIX-HP	7.0	
RWØUM	59,424	336	48	SOU-MIX-LP	9.7	
UA9R	39,060	195	70	SOU-MIX-LP	6.3	
RA8AO	16,650	120	37	SOU-MIX-LP	4.2	
RX9CAZ	9,810	61	45	SOU-MIX-LP	4.6	
R8CI (Y)	648	20	12	SOU-MIX-HP	0.3	
RM8W	54	5	3	SOU-MIX-LP	0.5	
R9RA	18,338	176	53	SOU-PH-LP	6.6	
R9AM (L)	6,600	100	33	SOU-PH-LP	5.6	
UA9JFD (L)	6,460	97	34	SOU-PH-LP	8.6	
RM9I	413,076	1,198	87	SOU-CW-HP	20.3	
RW9DX	359,536	996	92	SOU-CW-HP	18.9	
R9AE	328,860	955	87	SOU-CW-HP	19.3	
RDØA	300,024	946	81	SOU-CW-HP	16.8	
UCØA	273,296	904	76	SOU-CW-HP	15.4	
UA9LAO	230,288	781	74	SOU-CW-HP	13.2	
RT9C	179,672	612	74	SOU-CW-HP	14.0	
RC9A	169,652	592	73	SOU-CW-HP	10.0	
RA9AP (L)	167,280	517	82	SOU-CW-LP	11.5	
RUØA	121,856	457	68	SOU-CW-HP	7.7	
R9TV	121,392	596	54	SOU-CW-LP	14.5	
RWØAJ (L)	111,760	510	55	SOU-CW-LP	11.6	
RZ9YI	96,984	461	54	SOU-CW-HP	8.8	
RUØLL	70,952	365	49	SOU-CW-HP	7.2	
RA9MX	61,488	256	61	SOU-CW-LP	8.9	

R9SS (L)	56,072	329	43	SOU-CW-LP	6.1	
RA8AM	38,232	179	54	SOU-CW-LP	9.1	
R9AB (L)	13,528	90	38	SOU-CW-HP	3.9	
RCØL	11,960	116	26	SOU-CW-HP	5.0	
RK9UE	9,396	81	29	SOU-CW-LP	1.9	
RA9MA (XX9XX, op)	1,080	18	15	SOU-CW-HP	1.8	
RZ9L	255,692	747	97	MSHP	13.8	(Ops: R9JR, RO9L)
RKØS	53,130	292	69	MSHP	9.1	(Ops: RAØSE, RAØT)
R8YB	8,736	90	26	MSLP	4.0	(Ops: RA9YFK, RA9YQM, RA9YTX)
Azerbaijan						
4J/DC9RI	83,216	380	56	SO-MIX-HP	4.0	
4K6FO	77,616	399	49	SOU-CW-LP	3.4	
China						
BI8FRF	42,840	201	60	SO-MIX-LP	12.5	
BD4QAJ	22,360	148	52	SO-MIX-LP	3.0	
BG4SE (L) (Y)	19,018	140	37	SO-MIX-LP	7.0	
BD4TS	15,912	120	34	SO-MIX-LP	2.2	
BH7LGV (L)	12,960	127	27	SO-MIX-LP	6.6	
BA4SQI	10,044	95	31	SO-MIX-LP	6.2	
BG6OJB	6,688	104	22	SO-MIX-LP	7.3	
BD2AAJ	6,426	105	17	SO-MIX-LP	8.4	
BG5VLI (L) (Y)	2,440	32	20	SO-MIX-LP	1.6	
BG7QBL (Y)	616	20	11	SO-MIX-QRP	3.0	
BA7LRT	440	12	11	SO-MIX-LP	0.6	
BI8AZ (BH8AEE, op)	380	18	10	SO-MIX-LP	1.6	
BA4RKS (L) (Y)	4	1	1	SO-MIX-LP	0.0	
BI1MCZ	25,728	271	48	SO-PH-LP	14.9	
BG5BAA	10,080	131	40	SO-PH-HP	8.0	
BG4LPS	6,696	110	31	SO-PH-LP	12.8	
BA3GG (L)	2,016	51	21	SO-PH-LP	5.9	
BG7KAN (Y)	930	35	15	SO-PH-QRP	4.5	
BD6SM	780	42	10	SO-PH-LP	6.2	
BD4VEM (Y)	638	30	11	SO-PH-LP	3.0	
BD7OTE (L)	168	12	7	SO-PH-QRP	0.4	
BG5FRI	144	13	8	SO-PH-LP	1.5	
BG7LJX (Y)	96	9	6	SO-PH-LP	1.3	
BD8ELZ (L) (Y)	24	5	3	SO-PH-LP	0.6	
BG4IWL	18	3	3	SO-PH-QRP	0.0	
BI3XZU (Y)	2	1	1	SO-PH-QRP	0.0	
BG7KO	73,416	406	46	SO-CW-LP	10.9	
BH3AGU (L)	45,816	257	46	SO-CW-LP	10.9	
BH3GJX	38,676	299	33	SO-CW-QRP	7.0	
BI4XDT (L)	38,376	244	41	SO-CW-HP	3.4	
BA3AX (L)	18,408	182	26	SO-CW-HP	5.1	

BD4OJ (L)	15,180	168	23	SO-CW-LP	11.0	
BH4FRW	11,832	103	29	SO-CW-LP	7.5	
BI4JUB (L)	9,440	119	20	SO-CW-LP	7.2	
BA7JMO	7,080	121	15	SO-CW-HP	2.6	
BA4SE	6,608	63	28	SO-CW-LP	1.7	
BH4FRV	6,308	83	19	SO-CW-LP	7.7	
BD3OD (L)	6,048	84	18	SO-CW-LP	6.1	
BH3FZK	5,264	96	14	SO-CW-LP	4.9	
BD4QA	4,800	52	24	SO-CW-LP	1.6	
BH3OQQ	4,268	97	11	SO-CW-LP	1.1	
BH4HPO	1,792	32	14	SO-CW-LP	3.8	
BI3ASB (L)	476	17	7	SO-CW-QRP	0.9	
BH1IZQ	260	13	5	SO-CW-LP	1.1	
BD4LB	72	7	3	SO-CW-LP	0.8	
BH3HHS (Y)	4	1	1	SO-CW-QRP	0.0	
BGØDLA	446,124	1,125	113	SOU-MIX-HP	12.1	
BA5AU	167,700	596	86	SOU-MIX-HP	17.2	
BA4TB	127,988	370	98	SOU-MIX-LP	6.8	
BG3ILY	111,150	463	65	SOU-MIX-LP	12.6	
BGØCOH (Y)	83,840	391	64	SOU-MIX-HP	8.6	
BG9CHE	44,100	238	50	SOU-MIX-LP	14.2	
BI3BX (L)	43,100	244	50	SOU-MIX-LP	7.2	
BI3ARY (Y)	13,688	135	29	SOU-MIX-LP	10.2	
BA4RCM (L) (Y)	7,946	72	29	SOU-MIX-LP	3.5	
BD4WQZ	7,080	90	20	SOU-MIX-LP	5.3	
BA5AB	3,108	43	21	SOU-MIX-LP	3.1	
BI1XJT (L) (Y)	1,652	49	14	SOU-MIX-LP	2.8	
BA3KY (L)	1,404	33	13	SOU-MIX-LP	2.2	
BA6KC (Y)	252	10	7	SOU-MIX-HP	0.5	
BD1IIJ	120	7	6	SOU-MIX-LP	0.7	
BD3TE	16,448	258	32	SOU-PH-HP	10.0	
BH4TQX	4,000	80	25	SOU-PH-QRP	7.2	
BD3VJ	1,444	38	19	SOU-PH-LP	2.8	
BG5IYZ	1,216	32	19	SOU-PH-LP	2.6	
BD8ENX	162	11	9	SOU-PH-LP	1.3	
BH6RWQ (L)	126	10	7	SOU-PH-LP	1.2	
BG9JDI (Y)	96	8	6	SOU-PH-LP	0.8	
BY4SZ	229,840	907	65	SOU-CW-HP	21.0	
BI8CZM	162,676	614	67	SOU-CW-LP	21.0	
BA5DX	144,896	578	64	SOU-CW-HP	19.0	
BA3MM	142,632	568	63	SOU-CW-HP	10.9	
BA7LCS (L) (Y)	124,740	584	55	SOU-CW-HP	18.6	
BH4BFS	97,680	418	60	SOU-CW-LP	9.9	
BH4HKZ	60,060	278	55	SOU-CW-LP	7.6	

BA4OP (L) (Y)	45,504	320	36	SOU-CW-HP	16.4	
BH4TVU	45,080	325	35	SOU-CW-LP	7.7	
BD7JIR (L)	40,248	235	43	SOU-CW-LP	12.1	
BA7IO	35,916	223	41	SOU-CW-HP	5.8	
BH8DKD (L)	28,800	201	36	SOU-CW-LP	5.8	
BH6KOK	24,024	182	33	SOU-CW-LP	4.7	
BG1WNU	21,492	205	27	SOU-CW-LP	10.3	
BD3QT	19,584	160	34	SOU-CW-QRP	13.7	
BD6OC (L)	9,900	104	25	SOU-CW-LP	6.3	
BH3BBJ	9,768	111	22	SOU-CW-HP	3.1	
BA4AEO	7,752	106	19	SOU-CW-LP	6.3	
BI4VIP (Y)	7,296	117	16	SOU-CW-LP	1.9	
BG4FQD	4,320	72	15	SOU-CW-LP	2.4	
BA4VE (L)	3,808	58	17	SOU-CW-LP	1.2	
BG3GRU	2,880	61	12	SOU-CW-QRP	3.9	
BG2UKX	2,400	80	8	SOU-CW-LP	9.8	
BD8CS	2,128	38	14	SOU-CW-LP	0.7	
BI6NSL	1,632	34	12	SOU-CW-LP	1.9	
BD4RHV (L)	1,200	26	12	SOU-CW-LP	2.0	
BI3VJL	952	17	14	SOU-CW-QRP	1.0	
BD7NQA	660	18	11	SOU-CW-LP	1.0	
BG2GNR	320	15	8	SOU-CW-QRP	2.3	
BG8PM	288	9	8	SOU-CW-HP	0.4	
BD4VOJ (L)	140	7	5	SOU-CW-LP	0.6	
BD7JNA	132	12	3	SOU-CW-HP	0.4	
BG2QMO	4	1	1	SOU-CW-HP	0.0	
BY5HB	464,882	1,111	121	MSHP	27.0	(Ops: BD5HST, BD9QM, BG2LQV, BG5ABL, BG5TOX, BH4ESK)
BI8AD	304,386	854	97	MSHP	23.4	(Ops: BA8CY, BI3EI, BI8CKV)
BI8AQ	242,630	687	95	MSLP	18.8	(Ops: BA8BM, BG8AMG)
BY1RX	132,132	697	91	MSHP	19.4	(Ops: BA1AJ, BD1GO, BD1KV, BH1GC, BH1OFJ, BI1SRM, BI1TMQ)
BY6SX	640	34	10	MSLP	5.8	(Ops: BG6RGG, BG6RLC, BG6SNN, BG6VHB)
BY1HT	176	11	4	MSLP	0.8	(Ops: BI1FJK, BI1RJW)
Cyprus						
P3X (5B4AMM, op)	2,243,338	2,491	271	SOU-MIX-HP	28.6	
Hong Kong						
VR2VRC	444,500	1,117	127	SO-MIX-LP	24.0	
VR2CO	143,096	608	62	SO-MIX-HP	15.9	
VR2YKP	1,558	28	19	SO-MIX-LP	3.3	
VR2XAB	12,874	159	41	SO-PH-LP	8.2	
VR2TA (VR2ZQZ, op)	152,160	657	60	SO-CW-QRP	23.6	
VR2WTM	512	21	8	SOU-MIX-LP	1.5	
India						
VU2CVS	44,144	192	62	SO-MIX-LP	8.8	

VU2JOS	16,610	104	55	SO-MIX-LP	7.2	
VU3LVE (L)	7,488	108	36	SO-PH-LP	12.1	
VU3YBH (L)	4,092	65	33	SO-PH-LP	4.3	
VU2RBI	3,600	65	30	SO-PH-LP	4.7	
VU33OM	1,536	37	24	SO-PH-LP	3.5	
VU3OIP	528	22	12	SO-PH-LP	1.7	
VU2MCW	84	10	7	SO-PH-LP	1.6	
VU3SIO	2	1	1	SO-PH-LP	0.0	
VU3LMS	2	1	1	SO-PH-LP	0.0	
VU2TUM	89,040	430	53	SO-CW-LP	14.8	
VU2EEI (L)	18,400	101	46	SO-CW-LP	7.6	
VU2TMP	12,960	74	45	SO-CW-HP	2.7	
VU2OR	3,608	44	22	SO-CW-LP	3.2	
VU2DED	58,136	230	86	SOU-MIX-LP	11.4	
VU2ADV	364	13	13	SOU-MIX-LP	0.6	
VU3SPD	4,320	42	27	SOU-CW-LP	6.7	
Israel						
4X5FF (L) (Y)	13,860	157	45	SO-PH-LP	8.5	
4Z5MV	5,120	82	32	SO-PH-LP	7.1	
4X5IG (L)	2,464	56	22	SO-PH-QRP	5.2	
4Z5ML (L)	329,188	805	103	SO-CW-HP	12.8	
4Z5PN	150,304	496	77	SO-CW-LP	12.4	
4Z5LA	15,552	147	27	SO-CW-LP	1.0	
4Z5LU	14,508	111	39	SO-CW-LP	10.4	
4X5UR	7,616	61	34	SO-CW-LP	8.0	
4X1MM	1,044,516	1,650	193	SOU-MIX-HP	22.1	
4X1ST (L)	27,960	132	60	SOU-MIX-LP	5.1	
4X6TT	174,200	883	100	SOU-PH-HP	8.2	
4X5IC	97,800	660	75	SOU-PH-LP	15.7	
4Z4KX (L)	37,828	196	49	SOU-CW-LP	7.5	
4Z4AK (L)	15,748	130	31	SOU-CW-LP	4.4	
Japan						
JS1OYN	583,800	1,071	150	SO-MIX-HP	26.4	
JA7NVF	448,500	949	138	SO-MIX-HP	24.8	
JA1BJI	337,566	743	127	SO-MIX-LP	26.0	
JA8RUZ	144,992	461	92	SO-MIX-HP	15.6	
JA2AXB	140,456	424	97	SO-MIX-HP	15.5	
JF3IYW/2	119,928	412	76	SO-MIX-LP	14.2	
JH1KRC	109,440	358	96	SO-MIX-HP	11.8	
JQ1CIV	66,124	286	61	SO-MIX-HP	8.0	
JJ2CDL	51,322	215	67	SO-MIX-LP	11.2	
JA1MZM	50,004	247	54	SO-MIX-LP	6.2	
JL3MCM	46,726	227	61	SO-MIX-LP	10.8	
JEØUXR (L)	42,572	201	58	SO-MIX-LP	8.6	

JA9ECO (JH1RNZ, op)	39,884	205	59	SO-MIX-LP	16.5	
JA7BEW	35,624	159	73	SO-MIX-LP	7.9	
JH1HIC	34,874	177	53	SO-MIX-HP	7.8	
JAØBJY	32,224	162	53	SO-MIX-LP	6.7	
JH7UJU	30,300	174	50	SO-MIX-QRP	20.6	
JR1JCB	29,484	174	54	SO-MIX-LP	13.4	
JO1VVT	29,140	150	62	SO-MIX-LP	12.8	
JH2MYN	28,556	141	59	SO-MIX-LP	7.7	
JR6IKD	27,328	149	56	SO-MIX-HP	6.5	
JJ3TBB (L)	27,200	158	50	SO-MIX-LP	13.5	
JN6FRH (L)	25,122	130	53	SO-MIX-HP	9.7	
JE1RRK	23,424	149	48	SO-MIX-LP	9.0	
JA7MCB	21,440	147	40	SO-MIX-LP	11.1	
JF1WNT	19,888	135	44	SO-MIX-LP	13.0	
JA7ODY	19,740	144	47	SO-MIX-HP	7.3	
JF1GZZ (L)	18,088	136	34	SO-MIX-QRP	10.7	
JS1NDM (L)	17,204	105	46	SO-MIX-HP	3.8	
JA2XLV	16,168	117	47	SO-MIX-HP	4.2	
JF1HAJ	15,510	127	33	SO-MIX-LP	11.5	
JA6CVR (L)	14,678	109	41	SO-MIX-LP	12.2	
JS6RRR (L)	14,256	109	54	SO-MIX-LP	7.4	
JK1HIY	13,320	81	45	SO-MIX-HP	4.7	
7N2TRM	12,844	90	38	SO-MIX-LP	6.5	
JE1QHP	10,758	86	33	SO-MIX-HP	6.9	
JM8RWJ	9,860	82	34	SO-MIX-LP	4.3	
JH2RIH	9,856	84	32	SO-MIX-LP	8.5	
JH7TIX (L)	8,372	95	23	SO-MIX-LP	3.0	
JR1UJX (L)	7,776	90	24	SO-MIX-QRP	8.0	
JS2NYJ	7,560	73	35	SO-MIX-LP	5.1	
JM8FEI (L)	6,672	77	24	SO-MIX-LP	5.5	
JR8QFG (L)	6,480	73	24	SO-MIX-LP	4.8	
JA1CRJ	5,220	54	29	SO-MIX-LP	2.3	
JF2CTS	4,752	65	22	SO-MIX-HP	3.3	
JH2XQY	4,500	49	25	SO-MIX-LP	3.2	
JE7SRK (L)	4,370	53	23	SO-MIX-LP	4.1	
JG2CNZ (L)	4,120	62	20	SO-MIX-HP	3.3	
JA3IKG	4,060	45	29	SO-MIX-HP	2.5	
JK1NWD (L)	3,420	51	18	SO-MIX-QRP	5.0	
JA4YPE	2,856	45	17	SO-MIX-LP	1.4	
JR1ATA (L)	2,822	44	17	SO-MIX-LP	2.6	
JH1RCA	2,664	48	18	SO-MIX-HP	5.4	
JP3SDA	1,872	29	18	SO-MIX-LP	2.6	
JE2QHK (L)	936	23	13	SO-MIX-LP	1.9	
JH6TNH	720	17	12	SO-MIX-HP	0.8	

J11FOE	650	34	5	SO-MIX-LP	1.8	
JH9CEN	560	19	10	SO-MIX-HP	1.6	
JH9FBU	500	21	10	SO-MIX-LP	1.2	
JA9YAA (Y)	486	14	9	SO-MIX-LP	1.9	
JJ1VFA	180	12	9	SO-MIX-LP	1.7	
JH4FUF (L)	180	11	6	SO-MIX-LP	1.6	
JA8RWU/1	140	8	5	SO-MIX-LP	0.5	
J11LAI	80	5	5	SO-MIX-LP	0.4	
JA1UII	56	4	4	SO-MIX-LP	0.0	
JJ2ICA	30	3	3	SO-MIX-LP	0.8	
JA7OWD	169,104	823	104	SO-PH-HP	20.0	
JK1AKC	46,784	347	68	SO-PH-HP	14.0	
JE4USZ	8,892	119	39	SO-PH-HP	7.2	
JM6URL	7,904	105	38	SO-PH-LP	11.0	
JA6PTH	7,070	104	35	SO-PH-HP	11.7	
7N2UQC	6,848	107	32	SO-PH-LP	8.6	
JK1NJH	6,798	103	33	SO-PH-HP	9.8	
JL8PZO	6,608	118	28	SO-PH-LP	5.9	
JF1LMB	6,392	98	34	SO-PH-HP	6.4	
JJ1RDX	6,308	85	38	SO-PH-HP	3.9	
JG2RFJ	6,006	92	33	SO-PH-LP	7.2	
JA8IJI	4,536	85	28	SO-PH-HP	5.2	
JR7FEK	4,536	88	27	SO-PH-LP	10.0	
JA9CXV	3,504	75	24	SO-PH-HP	6.8	
JF8FAZ	2,736	70	24	SO-PH-HP	6.8	
JH7IHT	2,436	59	21	SO-PH-LP	7.7	
JH7XWT	2,360	60	20	SO-PH-HP	8.0	
JS2EEF	2,200	57	20	SO-PH-LP	5.1	
JA9FFS	2,142	53	21	SO-PH-HP	2.7	
JS6UMO (L)	2,116	48	23	SO-PH-LP	3.3	
JK1VBK	2,068	49	22	SO-PH-LP	5.5	
JH2BTM	1,900	50	19	SO-PH-HP	3.5	
JA1BF	1,628	41	22	SO-PH-LP	5.8	
JK1HBW	1,558	42	19	SO-PH-LP	4.5	
JA7QVI	1,140	39	15	SO-PH-HP	1.2	
JH7GLT	1,036	37	14	SO-PH-LP	3.8	
JF1DWJ (L)	1,020	35	15	SO-PH-LP	4.7	
JQ3ICB (L)	840	29	15	SO-PH-HP	2.8	
JN1IFX	696	29	12	SO-PH-LP	3.6	
JR2KQE	462	22	11	SO-PH-LP	1.4	
JA9CCG	240	15	8	SO-PH-HP	0.6	
7M4OAQ	240	15	8	SO-PH-LP	1.0	
JA1FFB	234	14	9	SO-PH-HP	1.0	
JR6HMJ/1	126	9	7	SO-PH-QRP	1.2	

JK1DAS (L)	60	7	5	SO-PH-LP	1.0	
JR1MRG	50	6	5	SO-PH-LP	0.2	
JF9EDN	40	5	4	SO-PH-LP	0.3	
JP7XDO (L) (Y)	32	5	4	SO-PH-QRP	0.5	
JA2ULV (L)	18	3	3	SO-PH-LP	0.2	
JG1GCO (L)	8	2	2	SO-PH-LP	0.0	
JJØVNR	634,384	1,291	124	SO-CW-HP	24.0	
JK1OLT	165,580	498	85	SO-CW-LP	21.8	
JJ1LBJ	142,800	480	75	SO-CW-LP	22.3	
JH7QXJ	138,816	488	72	SO-CW-LP	15.0	
JA7ACM	125,248	418	76	SO-CW-HP	14.0	
JA9CWJ	106,128	409	66	SO-CW-HP	12.8	
JA1PNA	84,760	341	65	SO-CW-HP	10.2	
JH6WDG	83,448	373	57	SO-CW-HP	8.2	
JM7OLW	64,480	315	52	SO-CW-HP	4.8	
JRØBQD (L)	62,928	278	57	SO-CW-LP	10.8	
JE2VYM (L)	62,140	241	65	SO-CW-LP	16.2	
JH2RMU	52,496	198	68	SO-CW-HP	8.7	
JO7KMB	48,168	225	54	SO-CW-HP	8.6	
JH4DIT	47,488	232	56	SO-CW-LP	9.6	
JQ3ALW	46,272	242	48	SO-CW-HP	10.8	
JA3XOG	45,540	227	55	SO-CW-HP	7.4	
JF2FIU	43,052	233	47	SO-CW-HP	8.0	
JR2ALA	42,120	195	54	SO-CW-LP	8.2	
JJØPJD	42,000	213	50	SO-CW-LP	15.8	
JR1MEG	39,904	249	43	SO-CW-LP	18.2	
JE5HTN (L)	35,432	211	43	SO-CW-LP	8.6	
JH1FNU (L)	35,100	201	45	SO-CW-HP	6.1	
JR3RIU	33,004	228	37	SO-CW-HP	7.7	
JJ1VFE	32,136	208	39	SO-CW-HP	6.8	
JA1TMG	31,860	179	45	SO-CW-HP	6.5	
JE6WGT (L)	31,080	186	42	SO-CW-HP	13.6	
JM8LND	29,920	171	44	SO-CW-LP	9.6	
JH1VHU	29,232	133	58	SO-CW-HP	10.8	
JA1SCE	28,388	153	47	SO-CW-LP	7.1	
JL1CNY	27,984	223	33	SO-CW-HP	5.0	
JA2KPW	26,376	161	42	SO-CW-HP	10.8	
JN1GFR	25,740	165	39	SO-CW-LP	9.8	
JA3UWB	25,688	173	38	SO-CW-LP	16.0	
JR1AQI	23,684	192	31	SO-CW-LP	9.6	
JA1PCM	23,616	153	41	SO-CW-LP	9.7	
JO1VRK	23,560	161	38	SO-CW-LP	9.5	
JAØIOF	22,960	173	35	SO-CW-HP	10.8	
JM8SMO (L)	21,700	166	35	SO-CW-LP	10.1	

JH3FUK	20,988	101	53	SO-CW-HP	7.3	
JA7SUR	20,904	137	39	SO-CW-LP	9.5	
JH1PXH	20,240	118	44	SO-CW-LP	7.5	
JK8PBO	20,196	155	33	SO-CW-LP	6.2	
JA2FXV	19,740	141	35	SO-CW-LP	8.5	
JK1NSR	19,536	135	37	SO-CW-LP	12.3	
JA4VNE	19,388	132	37	SO-CW-HP	5.2	
JH1MTR/4	19,200	121	40	SO-CW-LP	10.2	
JR6RMV	18,972	158	31	SO-CW-LP	8.0	
JA5QYR	18,480	147	33	SO-CW-HP	7.0	
JR2BYJ	18,288	131	36	SO-CW-LP	7.5	
JA3JM	17,712	126	36	SO-CW-LP	7.7	
JA2GHP (L)	16,568	111	38	SO-CW-LP	8.7	
JK1CNL	16,384	136	32	SO-CW-QRP	9.3	
JK1QDZ	16,184	138	34	SO-CW-LP	11.8	
JHØOXS	15,960	107	38	SO-CW-HP	6.5	
JJ1LNR	15,680	101	40	SO-CW-HP	4.6	
JA6FFK	15,640	115	34	SO-CW-LP	6.3	
JE2PCY	15,616	123	32	SO-CW-HP	4.1	
JM4WUZ	14,824	110	34	SO-CW-HP	2.2	
7M3LDC (L)	14,520	112	33	SO-CW-LP	6.4	
JG1FMA	13,728	109	33	SO-CW-LP	11.4	
JK1BVN (L)	13,200	106	33	SO-CW-LP	7.3	
JR2EKD	12,804	98	33	SO-CW-QRP	7.2	
JG2LGM (L)	11,520	90	32	SO-CW-LP	5.2	
JA3NUT (L)	11,232	106	27	SO-CW-LP	10.5	
JN1KWR (L)	11,136	98	29	SO-CW-LP	7.8	
JR2WER	11,036	93	31	SO-CW-LP	8.4	
JL1FAR	10,800	90	30	SO-CW-LP	4.5	
JJ2AVH	10,752	87	32	SO-CW-LP	6.8	
JR2TMB/1 (L)	10,584	99	27	SO-CW-LP	8.8	
JH6RON	10,472	79	34	SO-CW-LP	5.0	
JR1NKN (L)	10,296	117	22	SO-CW-QRP	9.6	
JK1JAS (L)	10,292	85	31	SO-CW-LP	6.5	
JA7NPV (L)	10,088	98	26	SO-CW-HP	2.4	
JA6ELV	9,984	79	32	SO-CW-LP	4.0	
JG1UKW	9,360	92	26	SO-CW-LP	8.2	
JA1CCX	6,944	63	28	SO-CW-LP	5.8	
JL2XMW	6,000	61	25	SO-CW-LP	7.0	
JO1WIZ (L)	5,896	69	22	SO-CW-LP	5.8	
JHØEPI	5,548	76	19	SO-CW-LP	4.0	
JHØMUC (L)	5,104	60	22	SO-CW-LP	6.5	
JA6BWH (L)	4,992	52	24	SO-CW-HP	2.2	
JH1JNJ	4,876	54	23	SO-CW-HP	1.4	

JAØJHQ (L)	4,720	60	20	SO-CW-HP	5.0	
JA4MLR	4,700	54	25	SO-CW-LP	7.0	
JR3NZC	4,264	42	26	SO-CW-LP	1.4	
JH1TJH	4,180	57	19	SO-CW-LP	5.7	
JA1KPF (L)	4,148	61	17	SO-CW-QRP	8.3	
JA1ZGP (Y)	3,740	59	17	SO-CW-HP	5.2	
JM1VNJ	3,572	49	19	SO-CW-LP	3.0	
JJ3NOP (L)	3,440	45	20	SO-CW-HP	3.9	
JA1RRA	3,116	45	19	SO-CW-LP	2.1	
JA3EQC (L)	2,880	43	18	SO-CW-LP	2.2	
JR1NHD	2,800	43	20	SO-CW-HP	1.8	
JA5KJD	2,640	35	22	SO-CW-LP	3.1	
JA8HBO (L)	2,560	40	16	SO-CW-LP	4.1	
JA1OQJ (L)	2,448	37	18	SO-CW-LP	3.6	
JA1LKY	2,432	39	16	SO-CW-LP	2.8	
JO6NZN	2,392	46	13	SO-CW-LP	1.8	
JF1SQC	2,380	35	17	SO-CW-HP	0.5	
JO3JYE	2,176	34	16	SO-CW-LP	1.2	
JS1BXH (L)	2,160	38	15	SO-CW-QRP	4.6	
JL1EUP	1,848	35	14	SO-CW-LP	2.8	
JR1ABS	1,820	35	13	SO-CW-QRP	1.8	
JH3FTZ	1,820	35	13	SO-CW-LP	3.3	
JE7LHT	1,800	25	18	SO-CW-LP	1.4	
JA3DAY	1,768	35	13	SO-CW-LP	2.8	
JK7UST (L)	1,568	28	14	SO-CW-LP	1.5	
JE2PHJ	1,536	36	12	SO-CW-LP	2.4	
JO3XCK (L)	1,400	35	10	SO-CW-LP	2.6	
JJ4WAO	1,344	29	12	SO-CW-HP	2.0	
JK1MLY	1,276	29	11	SO-CW-LP	1.7	
JJ1TNX	1,144	22	13	SO-CW-QRP	2.1	
JF1KML	1,100	25	11	SO-CW-HP	0.6	
JF1WAM	1,092	23	13	SO-CW-LP	1.8	
JR2NTC	1,040	28	10	SO-CW-LP	0.8	
JA1GDU	1,008	21	12	SO-CW-LP	1.6	
JG1UQD	960	20	12	SO-CW-LP	1.3	
JH4NJQ	924	21	11	SO-CW-LP	1.9	
JK3NQV (L)	912	20	12	SO-CW-HP	2.3	
JA2KKA (L)	836	20	11	SO-CW-LP	0.8	
JG2GSY	792	19	11	SO-CW-LP	1.3	
JG1BPS (L)	768	26	8	SO-CW-LP	3.2	
JHØKFI (L)	720	20	9	SO-CW-QRP	2.4	
JA1IST (L)	684	19	9	SO-CW-LP	0.9	
JE1GZB (L)	616	22	7	SO-CW-LP	1.4	
JK1VMC	576	13	12	SO-CW-LP	0.6	

JH8IYN (L)	576	19	8	SO-CW-LP	1.2	
JA3BXF	560	19	10	SO-CW-HP	1.0	
JH1NXU	432	18	6	SO-CW-LP	0.6	
JP1LRT	432	18	6	SO-CW-LP	0.4	
JM8SEI	432	18	6	SO-CW-LP	1.3	
JR3KAH	420	21	5	SO-CW-QRP	2.4	
JA8RJD	396	14	9	SO-CW-LP	3.0	
JJ4NZO (L)	392	14	7	SO-CW-LP	1.2	
JM1IQX (L)	392	15	7	SO-CW-LP	2.3	
JEØANW (L)	384	14	8	SO-CW-LP	1.6	
JH6JBQ (L)	384	18	6	SO-CW-LP	1.8	
JA1BVY	364	13	7	SO-CW-HP	0.7	
JH1NLF	336	12	7	SO-CW-LP	1.3	
JE3EZK (L)	312	13	6	SO-CW-LP	1.6	
JI2GZC	308	13	7	SO-CW-LP	1.5	
JN1FAO	300	17	5	SO-CW-LP	1.4	
JJØSFV (L)	264	12	6	SO-CW-HP	0.6	
JS2IAQ	264	11	6	SO-CW-LP	1.0	
JF1TEU	200	10	5	SO-CW-LP	0.6	
JE3DFY	196	8	7	SO-CW-LP	0.4	
JM1LRA	160	9	5	SO-CW-LP	0.6	
JI1TJJ	160	8	5	SO-CW-LP	0.6	
JR5CAG	156	13	3	SO-CW-LP	1.1	
JA1YNE	128	8	4	SO-CW-LP	0.2	
JR6CSY	84	7	3	SO-CW-HP	0.3	
JS2KZM	84	7	3	SO-CW-HP	0.6	
JA1AVI (L)	72	6	3	SO-CW-LP	0.9	
JA4LCI	64	8	2	SO-CW-LP	0.5	
JE6MCA	64	5	4	SO-CW-LP	0.5	
JF1OPO	48	4	3	SO-CW-LP	0.2	
JH8CXW (L)	32	4	2	SO-CW-LP	0.5	
JH9RXV	4	1	1	SO-CW-LP	0.0	
JG3DHN	4	1	1	SO-CW-QRP	0.0	
JH4UTP	563,700	1,089	150	SOU-MIX-HP	25.2	
JH1EAQ	326,838	676	141	SOU-MIX-LP	25.0	
JG1LFR	271,780	603	127	SOU-MIX-LP	25.2	
JI1PUC (L) (Y)	252,092	632	107	SOU-MIX-LP	24.6	
JF7PHE	159,906	478	87	SOU-MIX-HP	16.1	
JK2VOC	84,940	376	62	SOU-MIX-LP	16.6	
JI1HFJ	82,944	294	81	SOU-MIX-LP	15.2	
JM7SKE	64,988	258	77	SOU-MIX-HP	12.0	
JI1LET	64,728	245	87	SOU-MIX-LP	6.1	
JA1CHY (L)	48,422	209	71	SOU-MIX-LP	11.4	
JA2PFO	40,064	187	64	SOU-MIX-HP	5.3	

JF3KQA (L)	34,068	187	51	SOU-MIX-LP	12.0	
JF3EIG	23,312	131	47	SOU-MIX-LP	6.9	
JR3RIY	20,304	131	54	SOU-MIX-HP	6.0	
JK1TCV	19,824	123	42	SOU-MIX-QRP	12.9	
JA6GMC (L)	11,700	95	39	SOU-MIX-LP	7.7	
JR7HAN	9,024	85	32	SOU-MIX-LP	4.0	
JG8TDZ (L)	5,508	61	27	SOU-MIX-HP	6.0	
JA2QVP	4,048	47	22	SOU-MIX-LP	2.2	
JH6WHN	3,920	55	20	SOU-MIX-LP	1.8	
JH8FIH (L)	3,840	76	16	SOU-MIX-HP	4.3	
JJ3VUB (L)	2,242	64	19	SOU-MIX-LP	6.6	
JH1BNC	2,016	31	24	SOU-MIX-HP	1.8	
JF9JTS (JAØTEA, op)	432	18	8	SOU-MIX-HP	0.4	
JE3OUU	414	13	9	SOU-MIX-LP	1.0	
JKØABQ	182	7	7	SOU-MIX-LP	0.4	
JA1UXV	54	5	3	SOU-MIX-LP	0.2	
JJØPKS (JH7PKU, op)	96,096	578	84	SOU-PH-HP	14.4	
JA8COE	78,368	502	79	SOU-PH-HP	17.0	
JL3VUL/3	71,890	473	79	SOU-PH-LP	16.4	
JR7AQL	26,244	245	54	SOU-PH-HP	11.3	
JJ1MBU	6,006	93	33	SOU-PH-HP	2.8	
JA1LNZ	3,640	73	26	SOU-PH-HP	5.4	
JH3DMQ	504	21	12	SOU-PH-QRP	1.6	
JH1FVE (L)	360	20	9	SOU-PH-HP	2.8	
JR3UIC	72	7	6	SOU-PH-HP	0.2	
JL4OUX	70	7	5	SOU-PH-LP	0.8	
JAØFVU	297,136	769	98	SOU-CW-HP	20.8	
JA6WFM	281,952	716	99	SOU-CW-LP	20.6	
JK2XXK	278,356	695	101	SOU-CW-HP	20.0	
JE1LFX	255,360	672	96	SOU-CW-HP	14.2	
JA1ZGO (JJ1RXC, op)	211,480	627	85	SOU-CW-HP	19.1	
JE1CKA	187,600	472	100	SOU-CW-LP	21.9	
JH7VHZ	184,616	495	94	SOU-CW-HP	17.7	
JS3CTQ	164,016	615	67	SOU-CW-HP	8.8	
JA2KVB	110,600	354	79	SOU-CW-LP	12.8	
JF3BFS (L)	107,364	394	69	SOU-CW-LP	17.7	
JA7MSQ	107,352	397	71	SOU-CW-HP	12.0	
JN1THL	98,072	305	82	SOU-CW-HP	8.4	
JM1SMY	85,284	314	69	SOU-CW-LP	11.7	
JA6VZB	82,240	265	80	SOU-CW-QRP	16.8	
7K4VPV	80,640	317	64	SOU-CW-HP	12.0	
JG1XIO	79,608	326	62	SOU-CW-LP	18.4	
JN3DSH	79,156	257	77	SOU-CW-LP	14.2	
JR4FLW	77,452	295	67	SOU-CW-LP	11.8	

JE2UFF	75,756	324	59	SOU-CW-LP	15.6	
JA6BZI	73,984	280	68	SOU-CW-HP	9.6	
JQ1NGT (L)	68,544	311	56	SOU-CW-QRP	23.0	
JG3FEA	67,200	201	84	SOU-CW-LP	13.3	
JK7DWD	54,696	260	53	SOU-CW-QRP	18.4	
JJ4WHS	54,264	272	51	SOU-CW-LP	15.1	
JR3BOT (L)	53,280	228	60	SOU-CW-HP	8.4	
JJ1QLT	46,144	214	56	SOU-CW-HP	7.9	
JA1IAZ	42,924	220	49	SOU-CW-LP	9.7	
JF3LOP	30,804	157	51	SOU-CW-HP	4.3	
JP3WEL (JG1EIQ, op) (L)	28,800	153	48	SOU-CW-HP	8.6	
JF1OVA	24,768	147	43	SOU-CW-LP	16.2	
JJ1NIB	24,472	161	38	SOU-CW-LP	12.7	
JR6KBF	22,240	143	40	SOU-CW-LP	9.1	
JH2FXK	21,120	133	40	SOU-CW-HP	4.6	
JG6OZC	20,824	139	38	SOU-CW-HP	5.1	
JG2AIG (L)	20,276	137	37	SOU-CW-LP	6.4	
JO1CRA (L)	19,520	122	40	SOU-CW-LP	12.0	
JJ1AEB (L)	19,388	133	37	SOU-CW-LP	9.1	
JRØRBY	14,916	116	33	SOU-CW-HP	3.7	
JH8YOH (JR8VSE, op)	13,312	130	26	SOU-CW-LP	2.4	
JF1MIA (L)	12,416	99	32	SOU-CW-LP	8.6	
JA5EXN (L)	11,520	96	30	SOU-CW-LP	4.1	
JA1AKL	10,692	104	27	SOU-CW-LP	8.3	
JA1CJP	9,424	78	31	SOU-CW-HP	2.2	
JJØVWL	8,820	63	35	SOU-CW-HP	2.8	
JF3NDW	8,208	77	27	SOU-CW-HP	2.8	
JH2LMH	7,840	70	28	SOU-CW-LP	7.7	
JH3QFY	7,400	74	25	SOU-CW-HP	2.8	
JF1VVR	6,600	76	22	SOU-CW-LP	5.5	
JF1RYU	5,952	63	24	SOU-CW-LP	2.6	
JK1RSJ (L)	4,800	40	30	SOU-CW-LP	4.1	
JF1UOX	4,176	58	18	SOU-CW-HP	1.2	
JJ1ONK	4,028	54	19	SOU-CW-LP	6.3	
JH5OJH/5 (L)	3,876	59	17	SOU-CW-LP	5.5	
JK1PSQ	3,744	52	18	SOU-CW-LP	4.6	
JN1MSO (L)	3,400	50	17	SOU-CW-LP	3.3	
JJ1ALP	1,568	29	14	SOU-CW-LP	2.1	
JF7GDF (L)	1,232	30	11	SOU-CW-LP	1.7	
JA1SJV (L)	960	24	10	SOU-CW-HP	1.1	
JJ1IVX	960	30	8	SOU-CW-LP	1.5	
JL7GGH	900	25	9	SOU-CW-LP	3.8	
JJ2QXI	576	18	8	SOU-CW-LP	1.8	
JA1OHP (L)	544	17	8	SOU-CW-LP	0.6	

JJ1UBX	240	10	6	SOU-CW-LP	1.0	
JJ1NYH	120	10	3	SOU-CW-HP	0.4	
JE6PJP	36	3	3	SOU-CW-LP	0.2	
JA5IVG	32	4	2	SOU-CW-LP	0.1	
JA4MRL (L)	4	1	1	SOU-CW-LP	0.0	
JA3YBK	1,134,480	1,471	232	MSHP	29.9	(Ops: JG3KIV, JG3WDN, JI3OPA)
JA6GCE	375,468	807	134	MSLP	25.0	(Ops: JA6GCE)
JA7YAA	53,900	266	55	MSLP	8.2	(Ops: JHØNZN)
JA2YKA	1,968	43	24	MSLP	4.0	(Ops: JR2XKM, NUMANCHU)
JL3ZHU	468	15	9	MSHP	0.5	(Ops: JL3RDC, JR3TQP)
Kazakhstan						
UPØL (UN9LW, op)	810,252	1,671	142	SO-MIX-HP	17.0	
UN6GK (L)	81,162	380	81	SO-MIX-HP	16.6	
UN7LEW	30,114	153	63	SO-MIX-LP	7.1	
UN7QF	8,792	82	28	SO-MIX-LP	2.0	
UN7CN	59,784	285	53	SO-CW-LP	9.3	
UN7LV	59,160	295	51	SO-CW-LP	12.4	
UN7FW	31,140	175	45	SO-CW-LP	7.5	
UN3M	554,760	1,207	138	SOU-MIX-HP	16.4	
UN8PT	289,110	746	115	SOU-MIX-LP	19.6	
UP7L (UN6LN, op)	270,352	678	122	SOU-MIX-LP	10.4	
UP4L (UN7LZ, op)	455,728	1,266	91	SOU-CW-HP	18.3	
UN7LAN	101,632	400	64	SOU-CW-LP	14.5	
UN4PG (L)	78,520	304	65	SOU-CW-LP	12.4	
UN8LWW	121,464	440	84	MSHP	8.1	(Ops: UNØLM, UN7LGS)
Kuwait						
9K2ES (L)	81,168	543	76	SOU-PH-LP	6.9	
Kyrgyzstan						
EX8MK	1,054	32	17	SO-PH-LP	2.4	
EX8MJ	27,984	160	44	SO-CW-LP	9.6	
EXØCQ	34,884	346	51	SOU-PH-HP	5.2	
Lebanon						
OD5KU (S53T, op)	310,176	1,450	108	SO-PH-HP	18.6	
Mongolia						
JT1BV	92,568	431	76	SO-MIX-LP	12.7	
Pakistan						
AP5ARS	6,264	109	29	SO-PH-LP	2.5	
Qatar						
A71MM	50,020	421	61	SO-PH-HP	5.3	
Republic of Korea						
HL2WA	184,338	542	99	SO-MIX-HP	21.7	
DS5DNO	78,840	333	60	SO-MIX-HP	14.1	
DS3EXT	2,464	41	16	SO-MIX-LP	2.9	

HL5FEE	2,688	59	24	SO-PH-HP	3.7	
DS4EOI	465,936	1,152	102	SO-CW-HP	23.6	
HL2BQG	189,000	652	75	SO-CW-HP	20.0	
HL2IDT	18,544	125	38	SO-CW-LP	8.9	
HL3EYC	12,528	122	27	SO-CW-LP	9.8	
HL2CFY	7,656	87	22	SO-CW-LP	3.1	
HL1LUA	3,168	45	18	SO-CW-LP	2.1	
HL4CEL	720	24	10	SO-CW-LP	2.2	
HL1VAU (L)	52,208	252	52	SOU-MIX-LP	18.7	
6K5EHN (L)	3,640	59	20	SOU-MIX-LP	4.8	
HL2KV (L)	3,348	49	18	SOU-MIX-HP	2.3	
DS2UAL	46,452	237	49	SOU-CW-HP	13.0	
DS2KKM	80	5	4	SOU-CW-LP	0.3	
Saudi Arabia						
HZ1MW (L)	22,388	194	58	SO-PH-LP	4.8	
HZ1MX	11,676	145	42	SOU-PH-HP	3.9	
Singapore						
9V1YC	27,360	232	30	SO-CW-HP	3.6	
Taiwan						
BV3FG	14,976	123	32	SO-CW-QRP	4.0	
BU2EP	7,714	73	29	SOU-MIX-LP	6.5	
BX7ABT (L)	2,704	53	26	SOU-PH-LP	3.9	
BU2EV	720	25	15	SOU-PH-LP	2.1	
Thailand						
HSØZOK	3,360	63	14	SO-MIX-LP	5.4	
E2K (VK3EZ, op)	57,754	448	67	SO-PH-HP	14.3	
HSØZET	13,608	129	54	SO-PH-LP	3.8	
HSØZMO (L)	10,140	133	39	SO-PH-LP	12.0	
HSØZPS (L)	2,058	50	21	SO-PH-LP	8.1	
E24ZST	43,904	227	49	SO-CW-LP	15.1	
HSØZME (SM6NT, op)	41,760	236	45	SO-CW-HP	10.4	
E25VCR	25,748	161	41	SO-CW-LP	8.2	
HS3OY	14,592	117	32	SO-CW-LP	8.2	
E2ØMWE (L)	1,512	28	14	SO-CW-QRP	2.9	
E27CLF	1,408	22	16	SO-CW-LP	2.8	
E25HGQ (L)	1,000	25	10	SO-CW-LP	3.2	
E25CRF	168	16	3	SO-CW-LP	1.4	
E2A (E21EIC, op)	579,436	1,234	143	SOU-MIX-HP	19.8	
E29TGW	85,400	353	61	SOU-CW-HP	8.8	
E2ØHHK (L)	64,680	297	55	SOU-CW-HP	14.3	
HSØZLN	37,200	188	50	SOU-CW-LP	8.6	
HSØZNV	19,760	134	38	SOU-CW-LP	7.2	
HS8JYX	5,124	61	21	SOU-CW-LP	4.4	

Turkey						
TA6B	110,838	422	91	SO-MIX-HP	10.6	
TA3DJ (L)	27,360	144	57	SO-MIX-LP	7.4	
TA4RC (L)	1,794	28	23	SO-MIX-QRP	2.0	
TA3T	195,930	940	105	SO-PH-HP	14.4	
TA3V	31,590	363	45	SO-PH-LP	8.2	
TA2E	9,324	130	37	SO-PH-LP	7.5	
TA3EP (L)	2,668	59	23	SO-PH-LP	4.4	
TA2WTA (L)	2,420	58	22	SO-PH-LP	4.7	
TA3CKY (L)	2,052	54	19	SO-PH-LP	3.5	
YM1KE (TA1BX, op) (L)	988	39	13	SO-PH-LP	1.4	
TA4DOA (L)	650	30	13	SO-PH-LP	4.5	
TC7YOTA (TA7YLY, op) (Y)	576	24	12	SO-PH-LP	1.2	
TA3P	378	22	9	SO-PH-LP	1.8	
TA9M (L)	240	15	8	SO-PH-LP	1.8	
TAØC (L)	160	10	8	SO-PH-LP	1.2	
TA3AWB	40	5	4	SO-PH-HP	0.7	
TA1SA	8	3	2	SO-PH-LP	0.3	
TA3D	145,616	491	76	SO-CW-HP	9.1	
TA3SA	64,588	248	67	SO-CW-LP	18.0	
TA7I	59,964	265	57	SO-CW-LP	6.0	
TA3NE	19,760	137	38	SO-CW-HP	2.8	
TA8AT (L)	17,072	102	44	SO-CW-HP	10.4	
TAØS	3,848	41	26	SO-CW-HP	4.0	
TC3GAZA	320	10	8	SO-CW-QRP	0.3	
TA7OYG	45,264	195	82	SOU-MIX-LP	9.9	
TA9J (L)	6,784	68	32	SOU-MIX-QRP	5.2	
TA3X	39,420	220	45	SOU-CW-HP	5.1	
TC3CT	520	13	10	SOU-CW-QRP	0.2	
YM7KA	82,482	714	59	MSLP	15.4	(Ops: TA7AEK, TA7AO, TA7EHM, TA7HEA, TA7MVL, TA7UD, TB7ABR)
TC3EC	1,080	46	12	MSLP	2.2	(Ops: TA3NT, TA3TN)
United Arab Emirates						
A61QQ	65,780	511	65	SO-PH-HP	7.3	
A65D	1,560	23	20	SOU-MIX-LP	1.5	
Vietnam						
3W9A	488,114	1,137	121	SOU-MIX-HP	22.8	
XV9R (L)	2,236	88	13	SOU-PH-LP	5.6	
Call	Score	QSOs	Mults	Category	On-time	Operator(s) and/or Host
Europe						
Aland Islands						
OHØX (OH2TA, op)	582,120	1,173	126	SO-CW-HP	20.6	

OHØZ	100,488	325	79	MSHP	3.9	(Ops: OH2N, OH2XX, OH6DD, OH6EI)
Albania						
ZA1RR	60,984	240	66	SO-CW-LP	6.8	
ZA1F (L)	1,200	29	12	SO-CW-LP	1.6	
Austria						
OE1AYS	60	5	5	SO-MIX-LP	0.4	
OE5JWL	33,490	199	85	SO-PH-HP	15.1	
OE2XAL (OE2MRN, op)	4,988	60	43	SO-PH-HP	4.1	
OE3VET	2,200	44	25	SO-PH-LP	4.0	
OE4AWJ (OE1AWJ, op)	270	15	9	SO-PH-LP	1.0	
OE7CAI (L)	154	11	7	SO-PH-LP	1.1	
OE3EDS	24	4	4	SO-PH-LP	0.6	
OE/PD1SCO	8	6	1	SO-PH-LP	1.0	
OE5CYL	56,952	228	63	SO-CW-LP	7.8	
OE1CIW	30,528	147	53	SO-CW-LP	13.2	
OE5HIL	11,316	72	41	SO-CW-LP	4.3	
OE8TIR	1,428	21	17	SO-CW-LP	1.1	
OE3LZA	69,834	315	113	SOU-PH-HP	10.7	
OE9MON	39,984	242	84	SOU-PH-HP	7.4	
OE5KKP	7,008	78	48	SOU-PH-HP	2.8	
OE3BHM (L)	1,040	26	20	SOU-PH-HP	3.1	
OE2S (OE2VEL, op)	455,840	745	154	SOU-CW-HP	11.6	
4U1A (YL2QN, op)	314,000	631	125	SOU-CW-LP	15.6	
OE5TXF (G3TXF, op) (L)	251,968	498	127	SOU-CW-HP	15.2	
OE3MCS (L)	140	7	5	SOU-CW-LP	0.6	
Azores						
CU2CO	135,168	712	96	SO-PH-LP	6.8	
CU2IJ (L)	9,576	69	38	SO-CW-QRP	4.8	
Balearic Islands						
EA6SX	643,430	901	235	SO-MIX-LP	18.8	
EA6URP (EA3HJO, op)	273,510	1,031	135	SO-PH-HP	19.4	
EA6VY	11,328	118	48	SO-PH-LP	11.6	
EA6TU (L)	72	6	6	SO-PH-QRP	0.7	
EA6AJT	48	6	4	SO-PH-LP	0.6	
EA6AIR (L)	40	5	5	SO-PH-LP	1.4	
EA6NB	60,720	225	69	SO-CW-LP	3.6	
EA6/GM3ZDH (L)	36,656	164	58	SO-CW-LP	8.0	
EA6ZS (L)	18,032	103	46	SO-CW-QRP	5.6	
EF6T (EA3AIR, op)	661,912	1,074	157	SOU-CW-HP	21.0	
EF6B	501,552	979	129	SOU-CW-LP	13.2	
EA6EJ (L)	41,760	150	72	SOU-CW-HP	6.4	
Belarus						
EU1A	710,226	1,106	211	SO-MIX-HP	21.5	

EW8LM	6,880	86	40	SO-PH-LP	4.7	
EW8OP	3,000	76	20	SO-PH-LP	8.3	
EW3LN (L)	67,184	227	76	SO-CW-LP	12.0	
EV6Z	28,608	150	48	SO-CW-LP	6.2	
EW1EA	22,032	153	36	SO-CW-LP	6.8	
EU1FQ	20,972	107	49	SO-CW-LP	4.7	
EW2R	2,808	40	18	SO-CW-LP	1.8	
EU1DX	48	5	3	SO-CW-LP	0.2	
EU4E	540,760	706	220	SOU-MIX-HP	20.7	
EW8DX	132,458	357	103	SOU-MIX-HP	14.8	
EW1FM	19,152	124	42	SOU-MIX-QRP	6.4	
EW4GL	16,960	98	53	SOU-MIX-LP	6.2	
EW1TZ	16,280	106	44	SOU-MIX-LP	2.1	
EU8U	310,352	654	119	SOU-CW-HP	15.4	
EV1R	259,420	553	119	SOU-CW-HP	18.8	
EW6FL	137,496	341	102	SOU-CW-HP	17.9	
EU1DM	34,648	147	61	SOU-CW-LP	12.4	
EV4R (L)	29,480	136	55	SOU-CW-LP	10.1	
EU1DC	13,616	92	37	SOU-CW-LP	5.0	
EU1ST (L)	1,296	32	12	SOU-CW-LP	2.0	
EW8ZO	254,280	464	156	MSLP	13.8	(Ops: EU8T, EW8RH, EW8RX)
Belgium						
OR2F	1,038,828	1,224	249	SO-MIX-HP	26.8	
ON4TO	108,306	554	99	SO-PH-HP	10.6	
ON3AR	10,296	103	52	SO-PH-LP	5.8	
ON6MAT	10,146	90	57	SO-PH-LP	5.4	
ON8AH	7,708	84	47	SO-PH-HP	6.8	
ON6EF	6,030	69	45	SO-PH-LP	8.0	
ON8NT (L)	5,822	72	41	SO-PH-QRP	5.4	
ON4CJR (L)	3,472	61	31	SO-PH-LP	8.4	
ON3EMT	1,932	44	23	SO-PH-LP	3.4	
OP5J	1,900	39	25	SO-PH-HP	3.0	
ON3NYL	1,540	35	22	SO-PH-LP	1.3	
ON4KY (L)	972	29	18	SO-PH-HP	1.4	
ON2VTL	180	10	9	SO-PH-LP	0.6	
ON6EC (L)	2	1	1	SO-PH-LP	0.0	
ON5WL (L)	10,368	86	32	SO-CW-LP	5.0	
ON4AEF (L)	8,468	78	29	SO-CW-LP	4.5	
ON7ET	5,148	40	33	SO-CW-HP	2.5	
ON7HB	760	25	10	SO-CW-LP	2.2	
ON4ANE	352	11	8	SO-CW-QRP	1.1	
OQ5M (ON5ZO, op)	1,000,480	1,144	260	SOU-MIX-HP	15.8	
OT6M (PC5A, op)	934,536	996	276	SOU-MIX-HP	20.4	
ON9KVE	6,992	61	38	SOU-MIX-LP	4.0	

OT2A (ON4HIL, op)	414,990	1,335	159	SOU-PH-HP	22.9	
OR1X	354,640	1,163	155	SOU-PH-HP	22.2	
ON5RZ	14,756	120	62	SOU-PH-LP	4.7	
OR3A	332,848	592	142	SOU-CW-HP	8.9	
ON6NL	223,776	514	111	SOU-CW-QRP	18.9	
OQØQ	217,464	542	102	SOU-CW-HP	11.7	
ON5JT	192,280	521	95	SOU-CW-LP	15.7	
OP5T (ON4DS, op) (L)	132,800	334	100	SOU-CW-HP	8.6	
ON4EM	69,440	225	80	SOU-CW-LP	7.7	
OR5T	49,312	188	67	SOU-CW-HP	4.2	
ON5XX	45,152	168	68	SOU-CW-HP	5.0	
OR7K	38,304	173	56	SOU-CW-HP	3.7	
ON6WP (L)	19,320	110	46	SOU-CW-LP	4.5	
ON9TT (L)	9,620	66	37	SOU-CW-HP	2.1	
ON8WR	4,100	42	25	SOU-CW-LP	2.4	
ON7XN (L)	2,000	27	20	SOU-CW-LP	1.0	
OR3O	6,006	81	39	MSHP	3.3	(Ops: ON6BW, ON8WR, ON9DJ)
Bosnia-Herzegovina						
E74J	5,148	48	33	SO-MIX-LP	3.4	
E71A	3,016	41	26	SO-MIX-LP	1.4	
E73RB	1,280	27	16	SO-MIX-LP	1.1	
E78DT	12,032	131	47	SO-PH-LP	11.4	
E74S	2,460	46	30	SO-PH-LP	2.7	
E75RKM (Y)	986	29	17	SO-PH-LP	1.7	
E7ØY (L)	97,008	294	86	SO-CW-LP	11.6	
E77Y	66,792	243	69	SO-CW-QRP	9.9	
E74HX (L)	448	14	8	SO-CW-QRP	1.3	
E72U	184,416	369	136	SOU-MIX-LP	6.8	
E7ØA (L)	3,312	47	18	SOU-CW-LP	2.7	
E7DX	2,242,240	2,207	308	MSHP	28.0	(Ops: E7ØT, E77EA)
E7CW	1,154,688	1,209	291	MSHP	27.2	(Ops: E74A, E74O, E75M, E77AH, E77FA, E79AA)
Bulgaria						
LZ4TX	733,240	945	230	SO-MIX-LP	28.6	
LZ6E (LZ1GU, op)	261,812	588	122	SO-MIX-HP	10.5	
LZ7CC	4,368	41	28	SO-MIX-LP	1.4	
LZ2PAJ (L)	15,272	169	46	SO-PH-LP	13.2	
LZ1OPM (L)	8,004	143	29	SO-PH-LP	12.7	
LZ2BBB (L)	5,394	94	29	SO-PH-LP	4.9	
LZ1AEW (L) (Y)	3,192	78	21	SO-PH-LP	5.6	
LZ2RS	112,560	338	84	SO-CW-QRP	17.2	
LZ1IQ (L)	69,012	258	71	SO-CW-LP	15.6	
LZ7X (L)	47,880	178	70	SO-CW-LP	11.3	
LZ2MW (L)	18,360	106	45	SO-CW-LP	6.9	
LZ3NY	9,472	64	37	SO-CW-HP	3.0	

LZ5VV	7,840	56	35	SO-CW-HP	3.2	
LZ3TL	6,448	64	26	SO-CW-LP	2.0	
LZ3AW	3,840	40	24	SO-CW-LP	2.4	
LZ1AQ (L)	1,672	39	11	SO-CW-QRP	2.0	
LZ2PS	576	16	9	SO-CW-LP	1.4	
LZ7U (L)	23,310	167	45	SOU-MIX-LP	4.4	
LZ2ZD	6,630	82	39	SOU-MIX-HP	3.8	
LZ2JU	192	12	8	SOU-MIX-LP	0.4	
LZ2YO	127,008	506	126	SOU-PH-LP	11.5	
LZ5K	82,044	391	106	SOU-PH-HP	10.0	
LZ2ZY	67,124	354	97	SOU-PH-LP	13.4	
LZ1VDR	9,894	99	51	SOU-PH-HP	3.5	
LZ1NK	997,928	1,595	158	SOU-CW-HP	21.6	
LZ9W (LZ1ZD, op)	936,976	1,525	157	SOU-CW-HP	26.9	
LZ6K (LZ2PL, op)	502,800	860	150	SOU-CW-HP	22.1	
LZ3YY	130,756	338	97	SOU-CW-LP	9.5	
LZ6W (LZ4ZP, op)	88,640	280	80	SOU-CW-HP	6.3	
LZ2ZG	1,560	26	15	SOU-CW-HP	1.0	
LZ3MAR	1,456	27	14	SOU-CW-HP	2.3	
LZ3V	432	12	9	SOU-CW-HP	0.3	
LZ2AF	400	11	10	SOU-CW-LP	0.7	
LZ1MC (L)	176	11	4	SOU-CW-LP	0.2	
LZ7A	180,804	412	122	MSHP	11.9	(Ops: LZ1RF, LZ3TL)
Corsica						
TK4TH	8,036	58	41	SO-MIX-HP	2.6	
Crete						
SV9DJO	43,648	187	62	SOU-CW-HP	2.6	
Croatia						
9A2CT	414,470	759	191	SO-MIX-HP	18.5	
9A5AHG (L) (Y)	100	10	5	SO-MIX-LP	0.6	
9A8DX	71,148	297	121	SO-PH-HP	8.7	
9A8A	118,440	319	94	SO-CW-LP	11.7	
9A4WY	111,748	311	91	SO-CW-HP	7.1	
9A2EY (L)	48,720	205	60	SO-CW-LP	12.1	
9A5E	19,928	108	47	SO-CW-QRP	6.2	
9A4W	11,972	73	41	SO-CW-LP	2.2	
9A2V	8,512	77	28	SO-CW-HP	3.0	
9A9R	273,642	463	177	SOU-MIX-LP	18.6	
9A925T (9A5MR, op)	244,650	379	175	SOU-MIX-LP	16.0	
9A6AR	23,668	110	61	SOU-MIX-HP	5.5	
9A1DR	4,482	43	27	SOU-MIX-LP	0.9	
9A1P	671,250	1,907	179	SOU-PH-HP	23.4	
9A5KV	49,980	248	102	SOU-PH-LP	17.0	
9A6AZW	2,444	47	26	SOU-PH-LP	4.5	

9A5KW (L)	220	11	10	SOU-PH-LP	0.7	
9A5D (9A7Z, op)	783,360	1,299	153	SOU-CW-HP	23.0	
9A5M	608,580	957	161	SOU-CW-HP	19.9	
9A6A	372,204	641	147	SOU-CW-LP	20.8	
9A3YT	243,936	470	132	SOU-CW-HP	19.3	
9A/W3WM	133,472	396	86	SOU-CW-HP	4.1	
9A7R	109,440	229	120	SOU-CW-HP	6.0	
9A3XV	6,240	53	30	SOU-CW-HP	1.1	
9A5Y	2,484,720	2,537	306	MSHP	29.2	(Ops: 9A3BBF, 9A3SMS, 9A5DX, 9A7DX, 9A9EE, S55OO)
9A1CBM	742,824	977	228	MSHP	24.1	(Ops: 9A3AXY, 9A3MR, 9A5ST)
Czech Republic						
OK1OA (L)	190,280	384	142	SO-MIX-HP	9.9	
OK2MBP	183,040	413	128	SO-MIX-LP	18.8	
OK6OK	52,800	219	66	SO-MIX-QRP	14.8	
OK2PWX	21,440	136	67	SO-MIX-LP	10.2	
OK2TS (L)	16,864	137	62	SO-MIX-LP	11.5	
OK1ES (L)	10,388	70	49	SO-MIX-LP	2.8	
OK1IGR	440	21	11	SO-MIX-LP	2.1	
OK6RA	22,780	170	67	SO-PH-LP	7.6	
OK2BRX	18,840	160	60	SO-PH-LP	13.2	
OL7D (OK1DG, op)	376,992	709	136	SO-CW-HP	20.3	
OL3A (OK6DJ, op)	230,656	436	136	SO-CW-HP	8.3	
OK4RQ (L)	126,324	320	99	SO-CW-LP	9.2	
OK1XC (L)	118,128	336	92	SO-CW-HP	8.3	
OK1TN	101,376	274	96	SO-CW-LP	8.7	
OK2EQ (L)	94,080	287	84	SO-CW-HP	9.9	
OK1FPG	72,324	293	63	SO-CW-HP	6.4	
OK2HBY	69,580	250	71	SO-CW-QRP	12.2	
OLØA (OK1CZ, op)	63,936	217	74	SO-CW-LP	7.5	
OK5WA	45,828	179	67	SO-CW-HP	3.9	
OK1DKR	42,084	172	63	SO-CW-LP	12.4	
OK1AUO	40,120	175	59	SO-CW-LP	7.8	
OK1MDK (L)	37,288	160	59	SO-CW-LP	8.0	
OK2QA	31,496	130	62	SO-CW-HP	2.8	
OK1MAW	30,096	135	57	SO-CW-LP	5.5	
OK2B (OK2BFO, op)	26,400	111	60	SO-CW-LP	8.5	
OK5TA	24,380	127	53	SO-CW-HP	8.5	
OK1LV (L)	19,584	104	48	SO-CW-LP	5.1	
OK1DVA	13,340	118	29	SO-CW-LP	5.6	
OK1FCA	12,104	93	34	SO-CW-LP	7.8	
OK8KM	8,736	80	28	SO-CW-LP	6.8	
OK1PFM (L)	7,884	73	27	SO-CW-LP	4.0	
OK7NV (L)	5,616	52	27	SO-CW-QRP	2.5	
OK1DRX (L)	2,760	30	23	SO-CW-LP	2.2	

OK2IW (L)	2,080	27	20	SO-CW-LP	0.9	
OK8URF	1,920	30	16	SO-CW-LP	1.7	
OK1DXX	1,224	34	9	SO-CW-LP	3.8	
OK8MA	924	23	11	SO-CW-QRP	1.6	
OK5ET	768	16	12	SO-CW-LP	0.6	
OK1FRJ	220	12	5	SO-CW-LP	0.6	
OK7SE (L)	64	4	4	SO-CW-LP	0.4	
OL26WRTC (OL5Y, op)	515,736	690	228	SOU-MIX-HP	11.9	
OK6Y (OK2PTZ, op)	491,892	653	229	SOU-MIX-LP	19.1	
OK2JF	600	23	15	SOU-MIX-LP	1.8	
OK4AS	598	23	13	SOU-MIX-QRP	2.2	
OK6AB (L)	360	15	12	SOU-PH-LP	1.7	
OK3C (OK2ZC, op)	1,130,924	1,720	167	SOU-CW-HP	25.2	
OLØW (OK1DSZ, op)	407,808	710	144	SOU-CW-HP	11.8	
OK1FPS	224,896	509	112	SOU-CW-HP	12.2	
OK1DOL	188,400	474	100	SOU-CW-HP	4.0	
OK1PI	166,840	432	97	SOU-CW-HP	6.5	
OK1VK (L)	87,620	343	65	SOU-CW-HP	5.2	
OK2BPU (L)	46,768	152	79	SOU-CW-HP	7.5	
OK8SMS	26,620	122	55	SOU-CW-LP	5.3	
OK1DO	20,564	99	53	SOU-CW-HP	2.8	
OK1FU	13,884	93	39	SOU-CW-HP	8.6	
OK2BFN (L)	7,440	62	30	SOU-CW-LP	3.0	
OK1SI	3,956	44	23	SOU-CW-LP	3.2	
OK2VV (L)	648	19	9	SOU-CW-LP	1.4	
Denmark						
OZ4NA	14,986	128	59	SO-PH-LP	5.8	
OZ5FN (L)	6,072	92	33	SO-PH-LP	8.8	
OZ1LFI (L)	2,912	57	26	SO-PH-LP	4.0	
OZ7BQ (L)	100,928	306	83	SO-CW-LP	12.8	
OU3A (OZ5UR, op)	7,936	65	31	SO-CW-LP	2.5	
OZ1ADL	558,204	794	257	SOU-MIX-HP	21.7	
OZ1AXG	154,280	337	145	SOU-MIX-HP	16.0	
OZ7DK	12,480	96	40	SOU-MIX-LP	5.2	
OZ7BG	9,196	64	38	SOU-MIX-HP	3.6	
OZ1KVM	26,554	187	71	SOU-PH-LP	16.8	
OZ1T	2,538	49	27	SOU-PH-HP	2.0	
OV3X (OZ8AE, op)	120,800	307	100	SOU-CW-LP	10.8	
OZ3SM	59,280	198	76	SOU-CW-LP	5.7	
OZ1AAR	25,088	131	49	SOU-CW-LP	3.4	
OZ8AAH	13,416	86	43	SOU-CW-HP	9.0	
OZ8SW	6,572	53	31	SOU-CW-HP	1.3	
OZ8AGB (L)	288	9	9	SOU-CW-HP	0.7	
OZ5W	581,440	951	158	MSHP	24.4	(Ops: DK4SR, OZ1ETA, SM5SIC, UTØNT)

Dodecanese						
SV5DZR	26,352	133	72	SO-MIX-LP	9.9	
England						
G2E (L)	236,572	504	142	SO-MIX-LP	13.5	
GØLZL (L)	139,200	331	120	SO-MIX-HP	13.6	
G4DDL (L)	119,900	310	109	SO-MIX-LP	11.2	
G2X (GØDCK, op)	32,760	154	78	SO-MIX-LP	3.6	
G4DYC (L)	7,840	62	35	SO-MIX-LP	4.0	
G6EMA	5,460	49	30	SO-MIX-QRP	3.3	
M8L (G8LNR, op) (L)	3,072	41	24	SO-MIX-QRP	3.0	
MØDCG (L)	2,040	31	20	SO-MIX-LP	1.8	
M1V (M1VPN, op) (L)	15,458	134	59	SO-PH-LP	10.7	
M9OPD (L)	11,236	110	53	SO-PH-LP	8.7	
GØGLG (L)	9,588	95	51	SO-PH-LP	7.6	
GØILO (L)	9,292	103	46	SO-PH-LP	5.2	
G5DXR (L)	6,840	82	45	SO-PH-LP	9.6	
2EØPLA (L)	5,850	87	39	SO-PH-LP	5.1	
M1AQR (L)	3,660	61	30	SO-PH-LP	3.8	
MØDZB (L)	3,240	54	30	SO-PH-LP	4.0	
GØWJK (L)	3,190	55	29	SO-PH-LP	4.0	
G1F (L)	2,408	45	28	SO-PH-LP	5.4	
M7SQI	2,392	46	26	SO-PH-LP	7.2	
G5IAN (L)	2,100	43	25	SO-PH-LP	4.4	
M8VGU	1,978	44	23	SO-PH-LP	2.2	
G3YTX (L)	1,968	41	24	SO-PH-LP	2.9	
M7PXZ (Y)	1,518	34	23	SO-PH-LP	1.7	
2EØGKW (L)	1,320	36	20	SO-PH-LP	3.3	
MØXLT	1,218	30	21	SO-PH-LP	2.4	
MØSFW (L)	950	26	19	SO-PH-LP	3.2	
MØTQR	800	25	16	SO-PH-LP	1.5	
M8PJZ (L)	644	23	14	SO-PH-QRP	2.4	
GØDDZ/A (L)	330	19	11	SO-PH-LP	2.2	
MØPLX/M (L)	312	15	12	SO-PH-LP	0.7	
GØMGK	234	15	9	SO-PH-LP	1.0	
MØYHR	216	13	9	SO-PH-LP	1.8	
GØC	180	10	9	SO-PH-QRP	1.4	
M7YLO (L)	140	10	7	SO-PH-LP	0.9	
G3AAA (VE3KG, op)	72	6	6	SO-PH-LP	0.4	
MØDHO	637,632	1,320	123	SO-CW-HP	22.4	
G4BUO	490,032	1,006	123	SO-CW-HP	18.8	
G3RWF	116,960	350	85	SO-CW-HP	7.6	
M7R (GØTPH, op @GØTPH)	70,752	271	66	SO-CW-QRP	15.6	
M7M (MØJWT, op) (L)	69,264	236	74	SO-CW-HP	8.9	
G3YMC	44,652	185	61	SO-CW-QRP	12.0	

G4FKA (L)	41,256	192	54	SO-CW-HP	7.1	
G3RKF (L)	34,928	160	59	SO-CW-LP	6.8	
G4FEV	29,464	128	58	SO-CW-LP	11.6	
M3X (G3CWA, op) (L)	29,044	140	53	SO-CW-LP	4.5	
2EØCVN (L)	21,996	120	47	SO-CW-LP	6.0	
G3ZGC	20,608	113	46	SO-CW-LP	5.1	
G1SCT (L)	19,260	110	45	SO-CW-LP	4.0	
G3ZBU (L)	15,480	94	43	SO-CW-LP	5.0	
M2L	13,860	100	35	SO-CW-LP	1.4	
MØMPM (L)	10,944	76	36	SO-CW-LP	3.6	
GØJOS (L)	10,032	77	33	SO-CW-LP	5.3	
G7D (G3XTZ, op) (L)	9,052	73	31	SO-CW-LP	1.4	
G4SDX (L)	7,840	72	28	SO-CW-QRP	6.6	
GØLHZ	4,320	42	30	SO-CW-LP	2.8	
GØSKW	4,200	42	25	SO-CW-LP	1.7	
GØAZH (L)	1,456	27	14	SO-CW-HP	1.7	
MØKNG	624	13	12	SO-CW-LP	1.1	
G4IYY	746,610	996	205	SOU-MIX-HP	17.8	
M2A	551,928	791	183	SOU-MIX-HP	19.4	
M4J (GØDVJ, op)	208,164	300	209	SOU-MIX-HP	8.9	
MØTTQ (L)	193,424	408	157	SOU-MIX-LP	18.8	
G4PIQ	95,832	222	121	SOU-MIX-HP	4.7	
G3MOT (L)	89,680	277	95	SOU-MIX-LP	11.5	
G3RTU	25,370	122	59	SOU-MIX-LP	5.6	
G4IRN	16,170	80	55	SOU-MIX-HP	1.7	
G6AD	14,112	104	56	SOU-MIX-HP	2.6	
2EØLMI	3,888	52	36	SOU-MIX-LP	3.8	
G8OLA (L)	2,162	27	23	SOU-MIX-HP	2.5	
M1T (MØKYB, op)	88,128	415	108	SOU-PH-LP	15.4	
MØTZM	43,584	242	96	SOU-PH-LP	15.5	
MØMCV (L)	41,860	231	91	SOU-PH-HP	17.1	
M1B (G1YBB, op)	35,230	272	65	SOU-PH-HP	4.1	
G5TV	8,736	87	52	SOU-PH-HP	4.5	
M7ANI	7,650	89	45	SOU-PH-LP	7.9	
GØMBA	3,060	47	34	SOU-PH-HP	1.4	
M9NLB	972	27	18	SOU-PH-LP	2.0	
2EØIZK (L)	630	21	15	SOU-PH-LP	1.0	
MØCUK	40	5	4	SOU-PH-LP	0.2	
G4BJM	808,808	1,324	154	SOU-CW-HP	20.8	
M5B (G3WVG, op)	607,776	984	156	SOU-CW-HP	14.2	
M2G (G4RCG, op)	390,216	692	142	SOU-CW-HP	7.8	
G3SWH (L)	347,328	649	134	SOU-CW-HP	12.3	
G4RGK (L)	213,776	442	124	SOU-CW-HP	14.9	
G4ZFE	200,232	487	103	SOU-CW-QRP	18.8	

G4MKR (L)	150,860	401	95	SOU-CW-LP	13.7	
2EØYEM (L)	107,244	333	81	SOU-CW-LP	13.4	
M2O (L)	97,600	249	100	SOU-CW-LP	10.3	
G4AMT	91,600	230	100	SOU-CW-HP	5.0	
M8A (MØHDF, op) (L)	71,852	255	71	SOU-CW-HP	4.8	
G6XX	71,500	277	65	SOU-CW-HP	2.4	
M4D (G4ATA, op) (L)	53,560	208	65	SOU-CW-LP	9.8	
G4PVM (L)	50,700	195	65	SOU-CW-LP	4.9	
G4DRS	48,000	257	48	SOU-CW-HP	2.4	
G3MXH (L)	46,464	246	48	SOU-CW-HP	4.5	
GØGQT	44,800	163	70	SOU-CW-HP	11.2	
G3T (G3VGZ, op) (L)	39,208	171	58	SOU-CW-HP	8.4	
MØTDW	32,864	158	52	SOU-CW-HP	5.9	
G3RLE (L)	31,800	106	75	SOU-CW-LP	3.0	
G3YPP (L)	27,664	134	52	SOU-CW-LP	4.5	
GØMFR	22,304	140	41	SOU-CW-HP	4.6	
M4E (L)	21,760	85	64	SOU-CW-HP	3.2	
M5M (G4BRK, op) (L)	20,592	100	52	SOU-CW-LP	2.3	
MØRYB	7,072	53	34	SOU-CW-LP	2.2	
M4X (G3SZU, op) (L)	6,820	55	31	SOU-CW-LP	1.6	
G4SND	5,300	54	25	SOU-CW-HP	1.7	
GØTZZ (L)	4,000	43	25	SOU-CW-LP	3.0	
MØNMM	16	2	2	SOU-CW-LP	0.0	
MØAGP (L)	4	1	1	SOU-CW-HP	0.0	
M6T	2,002,770	2,063	315	MSHP	27.4	(Ops: GØAEV, G2NF, G4TSH, MØBCT)
M6N	424,116	706	198	MSHP	18.2	(Ops: G2DD, G4AAO, G4HLF, G4MJS, G8GSQ, MØNPK, M8LKZ, M9XPN)
G6MC	143,100	509	135	MSHP	7.4	(Ops: G4MEM, G6MC)
M9OTT	10,672	113	46	MSLP	12.3	(Ops: M9OTT, M9PUP)
Estonia						
ES2JJ (L)	2,350	32	25	SO-MIX-LP	3.4	
ES6RW	17,490	162	55	SO-PH-QRP	10.3	
ES1LL	3,074	54	29	SO-PH-LP	5.2	
ES8SX	1,360	40	17	SO-PH-LP	2.2	
ES5RIM	286	13	11	SO-PH-QRP	1.2	
ES1AMI	210	16	7	SO-PH-LP	1.5	
ES2MC	615,440	1,103	140	SOU-CW-HP	17.8	
European Russia						
RG6G	1,032,804	1,443	219	SO-MIX-HP	18.2	
RK6OU	344,784	836	132	SO-MIX-LP	22.2	
RA6CA	262,450	636	145	SO-MIX-HP	7.0	
R6DX	152,500	480	125	SO-MIX-HP	12.6	
RZ3DJ	137,760	347	112	SO-MIX-HP	6.9	
UF5A (L)	123,942	413	91	SO-MIX-LP	7.5	

UA6AK	114,744	379	84	SO-MIX-LP	15.0	
UA6GO	89,936	298	88	SO-MIX-LP	6.3	
RL2Y	76,140	253	90	SO-MIX-HP	12.5	
UA1CUR	64,622	239	79	SO-MIX-LP	12.8	
RW3AI (L)	53,430	236	65	SO-MIX-QRP	9.3	
R7MC (L)	40,480	198	55	SO-MIX-LP	8.5	
R6OQ	35,224	154	68	SO-MIX-HP	8.2	
R6KX (L)	27,022	140	59	SO-MIX-LP	6.5	
R3PIQ (L)	25,452	167	42	SO-MIX-LP	10.3	
R6OD	23,100	113	55	SO-MIX-LP	4.1	
RA4L	17,712	122	41	SO-MIX-LP	2.9	
R4DU	17,664	109	46	SO-MIX-LP	5.1	
RA3DGH (L)	14,060	115	37	SO-MIX-LP	9.5	
R1AT	13,752	109	36	SO-MIX-LP	2.4	
R6JY (L)	8,460	71	45	SO-MIX-HP	3.4	
R2SR	7,296	68	38	SO-MIX-LP	8.3	
R7TD (L)	7,272	63	36	SO-MIX-HP	2.2	
R6FY	6,230	67	35	SO-MIX-QRP	5.5	
RA7E	5,742	51	33	SO-MIX-HP	2.3	
RA7A (L)	3,472	70	14	SO-MIX-HP	1.4	
RW3VM	1,836	26	18	SO-MIX-LP	2.2	
RA6SA	960	18	15	SO-MIX-LP	1.5	
R6ZF	682	19	11	SO-MIX-QRP	1.0	
RM5F	500	14	10	SO-MIX-QRP	1.0	
R4GM	136,488	1,042	66	SO-PH-LP	14.3	
UA7K	71,188	500	74	SO-PH-LP	19.8	
R3RZ	61,360	525	59	SO-PH-HP	8.0	
RU6YK (L)	29,704	317	47	SO-PH-LP	9.2	
UF4S	21,500	262	43	SO-PH-LP	6.3	
UA6YN	16,732	185	47	SO-PH-LP	12.8	
RC6N	15,738	188	43	SO-PH-LP	5.4	
R4WQ (L)	14,364	173	42	SO-PH-LP	9.6	
RZ3Z (L)	12,960	165	40	SO-PH-LP	5.4	
UA6ABE (L)	11,704	136	44	SO-PH-LP	12.6	
RA3PGR	8,260	121	35	SO-PH-LP	14.5	
R3AAA	7,770	112	35	SO-PH-LP	5.1	
UA4ACP (L)	7,062	109	33	SO-PH-LP	5.0	
R6YG (L)	6,528	103	32	SO-PH-LP	7.6	
UA6LTA (L)	3,172	68	26	SO-PH-LP	7.8	
R4FDL	2,430	45	27	SO-PH-LP	2.8	
R5KH	1,800	46	20	SO-PH-LP	2.2	
R2EL (L)	1,512	45	18	SO-PH-LP	4.6	
RU1AT	1,190	35	17	SO-PH-HP	1.8	
R3OA	690	24	15	SO-PH-LP	1.3	

RA3RGD (L)	176	11	8	SO-PH-LP	1.4	
R3ZZ	392,160	837	120	SO-CW-HP	19.7	
R7KW (L)	244,596	571	109	SO-CW-HP	14.1	
R7NW	233,916	589	101	SO-CW-LP	12.6	
UA5R	214,076	501	109	SO-CW-LP	13.0	
R6CC	210,392	586	91	SO-CW-HP	20.0	
RX3N (RX4W, op)	140,504	394	91	SO-CW-LP	11.3	
UA3LID	131,008	361	92	SO-CW-LP	14.4	
RA1M (L)	105,400	312	85	SO-CW-HP	7.6	
RA4ACX (L)	103,680	366	72	SO-CW-HP	13.4	
UA6YH	83,576	338	62	SO-CW-LP	14.9	
UA4AF	72,540	282	65	SO-CW-LP	10.5	
UA9FGJ	63,812	302	53	SO-CW-LP	9.3	
RU4PU	60,268	255	61	SO-CW-HP	3.0	
UA6LCJ	58,928	257	58	SO-CW-LP	15.4	
R4BD	52,808	300	46	SO-CW-HP	8.9	
RC7KF	52,640	241	56	SO-CW-LP	10.6	
RA3TT	50,176	258	49	SO-CW-HP	6.0	
UA6HFI	47,672	205	59	SO-CW-LP	7.5	
RW1CX (L)	47,328	206	58	SO-CW-LP	11.2	
RA3BQ	47,040	210	56	SO-CW-QRP	11.8	
UA4HEZ (L)	42,864	247	47	SO-CW-LP	13.2	
R4MA	32,800	200	41	SO-CW-LP	3.6	
RN4AO	32,200	248	35	SO-CW-LP	8.8	
R1QE (L)	31,816	197	41	SO-CW-LP	6.8	
R6NA	30,780	136	57	SO-CW-HP	3.7	
RU5X (L)	29,412	172	43	SO-CW-LP	8.1	
RV3DBK	29,232	175	42	SO-CW-QRP	8.2	
RA6AR	26,988	175	39	SO-CW-LP	5.8	
R1FB (L)	25,760	128	56	SO-CW-QRP	6.9	
RU4LM	23,744	109	56	SO-CW-LP	4.6	
UA4WW	22,796	143	41	SO-CW-HP	3.3	
RT1L	21,756	112	49	SO-CW-HP	3.2	
UA4FDL	20,720	154	35	SO-CW-LP	6.0	
RK4NB (L)	19,932	153	33	SO-CW-LP	10.1	
RN4SC (L)	19,200	150	32	SO-CW-LP	8.0	
R4WAE (L)	19,040	138	35	SO-CW-LP	10.3	
UB7M (L)	18,328	163	29	SO-CW-LP	4.4	
UA1ZZ (L)	16,764	131	33	SO-CW-LP	6.7	
R4RD	16,632	158	27	SO-CW-LP	2.4	
RD3FT (L)	16,380	119	35	SO-CW-LP	6.6	
UA1F (L)	15,960	98	42	SO-CW-LP	3.2	
R3DDP (L)	15,260	111	35	SO-CW-LP	8.1	
R2ZU	14,400	105	36	SO-CW-HP	5.1	

UA9XO (L)	13,332	102	33	SO-CW-HP	3.7	
RV6AA (L)	10,864	100	28	SO-CW-LP	4.1	
RU6CO (L)	10,824	86	33	SO-CW-LP	3.2	
R6CW	8,468	74	29	SO-CW-LP	3.3	
UD3B	7,696	76	26	SO-CW-LP	5.4	
R2HL	6,900	75	23	SO-CW-LP	5.6	
RV6LN	6,900	69	25	SO-CW-HP	2.6	
R6HV	6,600	79	22	SO-CW-HP	4.1	
UA4WJ	5,760	72	20	SO-CW-LP	2.8	
UG4P	5,568	61	24	SO-CW-QRP	1.8	
RZ3DZ	5,220	45	29	SO-CW-LP	1.8	
RD1T (L)	4,032	49	21	SO-CW-LP	2.4	
RC2R (L)	4,032	49	21	SO-CW-LP	3.4	
UA9XX	4,032	49	21	SO-CW-LP	1.1	
RD6MF	3,888	55	18	SO-CW-LP	4.7	
RA3VE	3,864	44	23	SO-CW-LP	4.1	
RL3BZ	3,648	38	24	SO-CW-LP	1.5	
R6KEE (L)	3,608	42	22	SO-CW-QRP	2.6	
R7TW (L)	2,788	41	17	SO-CW-LP	0.8	
RN1AO (L)	2,232	33	18	SO-CW-LP	1.0	
R3ZJ (L)	2,040	36	15	SO-CW-LP	0.7	
R2EG	1,856	30	16	SO-CW-LP	1.0	
RZ1A (L)	1,848	34	14	SO-CW-HP	1.4	
R3TY	1,508	29	13	SO-CW-HP	2.3	
RZ3DX	1,152	24	12	SO-CW-HP	0.5	
RW3XL	676	14	13	SO-CW-LP	1.9	
RX4HX	448	17	7	SO-CW-HP	0.7	
UA4NAL	100	5	5	SO-CW-LP	0.1	
R7FO	4	1	1	SO-CW-HP	0.0	
RM4F	533,820	996	155	SOU-MIX-HP	20.2	
R5AJ	520,080	938	197	SOU-MIX-HP	15.6	
RK4FD	283,968	510	153	SOU-MIX-HP	7.2	
RW4C	219,420	746	106	SOU-MIX-HP	12.4	
R2RA	188,190	805	85	SOU-MIX-HP	10.2	
UA6LUQ	158,790	681	79	SOU-MIX-HP	8.4	
RN3TT	144,576	497	96	SOU-MIX-HP	8.4	
RW4O	141,400	430	100	SOU-MIX-LP	9.8	
R2BT	127,248	378	88	SOU-MIX-HP	9.0	
RM3A (RN3AC, op)	120,684	404	89	SOU-MIX-HP	6.5	
RX3RZ	96,064	377	79	SOU-MIX-HP	6.5	
RA3AGF (L)	92,296	394	83	SOU-MIX-LP	14.6	
UA3RW	67,800	303	75	SOU-MIX-HP	3.9	
RK3D (RL3DX, op)	65,550	307	69	SOU-MIX-HP	6.4	
R3LC	59,532	200	82	SOU-MIX-LP	7.6	

RK2M	56,140	220	70	SOU-MIX-HP	11.4	
RV3FF	52,920	304	60	SOU-MIX-HP	3.0	
RU5A (L)	47,784	201	66	SOU-MIX-HP	3.0	
RW3RN	36,960	179	60	SOU-MIX-HP	3.6	
UA1NFA (L)	28,820	147	55	SOU-MIX-HP	4.2	
UC4P	25,792	139	52	SOU-MIX-HP	2.9	
RC1W (L)	24,012	111	58	SOU-MIX-HP	4.4	
RY2A (L)	22,330	114	55	SOU-MIX-LP	5.8	
UA3X (L)	16,826	99	47	SOU-MIX-LP	4.6	
RA1QD	16,554	137	31	SOU-MIX-HP	3.6	
RA7C	11,610	83	43	SOU-MIX-QRP	4.3	
RZ1OA	6,820	58	31	SOU-MIX-HP	2.0	
UA4CNJ (L)	6,612	58	29	SOU-MIX-LP	2.4	
RD6OK	4,950	55	25	SOU-MIX-LP	2.6	
R4AY	4,256	50	28	SOU-MIX-HP	2.9	
RT3K	3,312	40	24	SOU-MIX-LP	1.6	
RK3IR	3,074	35	29	SOU-MIX-HP	2.0	
UA6LQ	2,600	31	25	SOU-MIX-HP	0.9	
RA4WE (L)	1,680	25	21	SOU-MIX-HP	3.3	
RZ3B	194,916	898	111	SOU-PH-HP	16.9	
UA3BL	87,768	481	92	SOU-PH-LP	16.9	
RW1F	53,290	375	73	SOU-PH-HP	8.8	
UA4WGM (L)	40,484	357	58	SOU-PH-LP	14.2	
UA4FDK (L)	11,840	152	40	SOU-PH-LP	8.0	
RD7LB/3	5,696	90	32	SOU-PH-LP	9.4	
R5BD	560	28	10	SOU-PH-LP	1.1	
UA4M (UA4LCH, op)	617,460	1,260	123	SOU-CW-HP	22.4	
R9FT	359,456	962	94	SOU-CW-HP	15.4	
RD4F	260,736	676	97	SOU-CW-HP	15.4	
RN3QO	249,956	560	113	SOU-CW-HP	11.7	
UA6LCN (L)	233,520	573	105	SOU-CW-HP	15.5	
R7LV	231,648	517	114	SOU-CW-HP	8.9	
RA6MQ	198,144	586	86	SOU-CW-HP	15.3	
R6AF	190,092	517	93	SOU-CW-HP	11.0	
RZ4AG	158,992	525	76	SOU-CW-LP	16.7	
RL4R (L)	156,300	527	75	SOU-CW-LP	14.1	
UA4C (XX9XX, op)	137,920	431	80	SOU-CW-HP	8.1	
UA9FAR	116,688	444	66	SOU-CW-HP	14.2	
RG2Y	110,520	310	90	SOU-CW-HP	6.1	
UA6AA	96,720	374	65	SOU-CW-HP	8.0	
RM9X (L)	82,160	397	52	SOU-CW-LP	8.8	
R6ON	72,576	219	84	SOU-CW-LP	13.1	
RN1B	70,064	303	58	SOU-CW-HP	6.6	
RT5P	68,208	296	58	SOU-CW-LP	13.5	

OY1CT	369,852	841	111	SOU-CW-HP	13.2	
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DK6QW	58,220	206	82	SO-MIX-LP	9.2	
DJ5QV (L)	55,480	202	76	SO-MIX-LP	9.0	
DG1YBN (L)	26,390	120	65	SO-MIX-HP	6.4	
DL7VRG	21,312	122	48	SO-MIX-LP	8.0	
DM4KM (L)	21,084	130	42	SO-MIX-LP	11.1	
DL8TV	18,816	147	64	SO-MIX-HP	5.8	
DG1NPM (L)	17,278	98	53	SO-MIX-LP	4.9	
DL2GMI (L)	15,290	102	55	SO-MIX-LP	4.0	
DF6QE	10,580	65	46	SO-MIX-HP	5.5	
DJ3GE	10,152	75	36	SO-MIX-LP	3.2	
DM3UWE (L)	9,044	67	38	SO-MIX-LP	5.3	
DL6DVU (L)	8,540	68	35	SO-MIX-HP	4.9	
DK8EY	5,346	45	33	SO-MIX-LP	2.2	
DF7XR (L)	3,772	45	23	SO-MIX-QRP	4.0	
DL1YEG (L)	2,900	35	29	SO-MIX-LP	3.1	
DL6YDG	2,460	40	30	SO-MIX-LP	6.4	
DN9KB	2,210	37	17	SO-MIX-LP	5.0	
DL1BJL	1,960	27	20	SO-MIX-LP	2.4	
DK5EM	48	6	4	SO-MIX-LP	1.6	
DO1UTE	47,322	242	99	SO-PH-LP	15.4	
DL2LBK	34,510	205	85	SO-PH-HP	9.6	
DJ2ZX	16,240	147	56	SO-PH-LP	14.8	
DM8ØØKM (DL8DSL, op)	15,232	124	64	SO-PH-HP	8.8	
DH4SK	11,128	111	52	SO-PH-LP	8.6	
DL9AJ	10,908	105	54	SO-PH-LP	8.3	
DL2AAK	10,712	105	52	SO-PH-LP	5.2	
DG5MLA	10,192	99	52	SO-PH-LP	4.8	
DO4TP (L)	9,636	74	66	SO-PH-LP	9.7	
DC7DX	9,360	78	60	SO-PH-HP	8.7	
DO8PAT	9,016	94	49	SO-PH-LP	6.1	
DGØLFG	8,160	86	48	SO-PH-LP	4.6	
DD1SB (L)	7,488	78	48	SO-PH-LP	5.4	
DK2BO	6,794	79	43	SO-PH-LP	6.8	
DL6NAN	6,318	84	39	SO-PH-LP	6.1	
DO3OH	6,308	84	38	SO-PH-LP	6.6	
DK5FF	5,850	76	39	SO-PH-LP	4.5	
DF7LS	5,092	70	38	SO-PH-LP	5.7	
DN9TX (L)	5,092	72	38	SO-PH-LP	6.2	
DL4SKH (L)	4,958	73	37	SO-PH-LP	8.6	
DA6TV	4,760	69	35	SO-PH-LP	5.7	
DF7RA (L)	4,704	59	42	SO-PH-LP	8.3	
DM6MK	4,680	58	45	SO-PH-HP	7.8	

DLØNG (DK8NC, op) (L)	4,484	60	38	SO-PH-LP	4.2	
DDØVE (L)	4,278	70	31	SO-PH-HP	8.0	
DD2SM (L)	4,218	59	37	SO-PH-LP	6.8	
DK1HKU (L)	3,672	53	36	SO-PH-LP	5.3	
DO4RWE (L)	3,604	53	34	SO-PH-LP	5.6	
DO5SRC (L)	3,604	98	34	SO-PH-LP	12.9	
DM4KW	3,380	65	26	SO-PH-LP	8.9	
DL5EC (L)	3,300	55	30	SO-PH-QRP	6.9	
DL4TKD	3,136	53	32	SO-PH-LP	3.4	
DC1LEX	2,538	48	27	SO-PH-LP	2.6	
DC5IMM (L)	2,494	49	29	SO-PH-HP	5.0	
DO1DAH	2,268	57	21	SO-PH-LP	4.7	
DL1EEL	2,106	39	27	SO-PH-LP	2.9	
DL9UW	2,050	42	25	SO-PH-LP	2.7	
DM8GH (L)	1,892	43	22	SO-PH-LP	5.0	
DK4KH	1,596	38	21	SO-PH-LP	2.2	
DF1ASG	1,560	39	20	SO-PH-LP	2.5	
DG9KB (L)	1,470	35	21	SO-PH-LP	2.2	
DO4MR (L)	1,344	32	21	SO-PH-LP	2.8	
DL6FKR (L)	1,296	38	18	SO-PH-LP	3.3	
DG7FBB (L)	1,218	31	21	SO-PH-HP	2.9	
DO9FFM	1,120	39	16	SO-PH-LP	4.2	
DG3RAP (L)	1,120	28	20	SO-PH-HP	1.2	
DF9LW (L)	986	30	17	SO-PH-QRP	4.1	
DA6HF	952	33	17	SO-PH-LP	6.0	
DL7TW	704	23	16	SO-PH-LP	2.4	
DO1SPD (L)	704	23	16	SO-PH-LP	1.5	
DN9LI (DJ1SG, op) (Y)	672	24	14	SO-PH-LP	2.3	
DL1RPR (L)	660	23	15	SO-PH-LP	1.8	
DF9LX	660	22	15	SO-PH-LP	3.0	
DA1TK (L)	588	22	14	SO-PH-LP	1.6	
DL2RN (L)	510	18	15	SO-PH-LP	2.0	
DO4MPL	494	20	13	SO-PH-LP	3.0	
DL7CU (L)	456	19	12	SO-PH-LP	1.6	
DN9HWP (L) (Y)	440	20	11	SO-PH-LP	2.5	
DO6NIK (L)	418	19	11	SO-PH-LP	0.8	
DO1HRT	408	20	12	SO-PH-LP	1.9	
DO2SGW	396	18	11	SO-PH-LP	3.0	
DO9JBL	380	21	10	SO-PH-LP	0.7	
DA6KK (L)	374	21	11	SO-PH-LP	2.3	
DL4YAY (L)	360	16	12	SO-PH-LP	0.8	
DL9FB (L)	288	17	9	SO-PH-LP	1.8	
DO9LEO (L)	200	10	10	SO-PH-LP	1.0	
DO5STS	198	11	9	SO-PH-LP	0.5	

DO6MEY	192	12	8	SO-PH-LP	1.0	
DL4MFR	176	11	8	SO-PH-LP	0.2	
DL7TG (L)	168	15	6	SO-PH-LP	1.1	
DF3AS	140	10	7	SO-PH-LP	0.8	
DO2RG (L)	120	11	6	SO-PH-LP	1.0	
DG1LS (L)	120	12	5	SO-PH-LP	0.4	
DK9MM (L)	84	7	6	SO-PH-LP	0.2	
DN9KN	72	7	6	SO-PH-LP	0.4	
DL5SKH (L)	60	6	6	SO-PH-LP	0.7	
DB7YI (L)	50	5	5	SO-PH-LP	0.9	
DN9CY	40	5	4	SO-PH-QRP	0.2	
DA6EM (L)	24	4	3	SO-PH-QRP	0.6	
DDØML	8	2	2	SO-PH-LP	0.1	
DK7XX	159,180	383	105	SO-CW-HP	13.2	
DL9ZP (L)	153,408	379	102	SO-CW-LP	15.9	
DJ2RG	135,148	313	113	SO-CW-QRP	15.2	
DK5SF	106,352	290	92	SO-CW-HP	9.3	
DD6CW	98,040	287	86	SO-CW-LP	13.7	
DJ9KH	83,996	262	83	SO-CW-LP	5.8	
DL2TM	73,548	232	81	SO-CW-LP	10.9	
DL5JS	66,600	223	75	SO-CW-HP	4.5	
DQ2A (DL2SAX, op)	64,736	295	56	SO-CW-HP	4.0	
DL7LX	61,908	204	77	SO-CW-HP	8.9	
DL1JDQ (L)	55,296	223	64	SO-CW-QRP	9.8	
DL3DRN	55,008	200	72	SO-CW-LP	11.1	
DL8WN	50,752	209	61	SO-CW-LP	12.5	
DR9Z	49,848	188	67	SO-CW-HP	5.5	
DJ7UC (L)	49,776	205	61	SO-CW-LP	14.4	
DL3NCR	45,056	178	64	SO-CW-QRP	15.5	
DL5ME	42,336	192	56	SO-CW-LP	6.2	
DL7USW/P (L)	39,312	156	63	SO-CW-LP	8.4	
DL1NKB	34,944	163	56	SO-CW-LP	10.2	
DF7TV	33,440	153	55	SO-CW-HP	2.9	
DL4XU (L)	32,184	161	54	SO-CW-LP	8.3	
DL7VMM	27,648	130	54	SO-CW-HP	5.8	
DL5YL	26,400	133	50	SO-CW-HP	2.8	
DK3YD	25,740	117	55	SO-CW-LP	2.9	
DL7ULM	24,108	124	49	SO-CW-LP	6.2	
DL8MBS (L)	24,080	144	43	SO-CW-QRP	11.2	
DF6RI (L)	22,684	110	53	SO-CW-LP	4.2	
DF3OL	21,780	123	45	SO-CW-LP	7.4	
DM5EE	20,336	124	41	SO-CW-HP	1.4	
DJ6PC	18,576	111	43	SO-CW-LP	4.8	
DL6UAA	18,424	101	47	SO-CW-LP	3.0	

DK3AX	16,512	98	43	SO-CW-HP	2.4	
DF1PU (L)	14,952	94	42	SO-CW-LP	4.3	
DJ2IA	14,112	87	42	SO-CW-LP	2.0	
DK1FY	14,080	80	44	SO-CW-LP	4.5	
DL7YAD	13,940	86	41	SO-CW-LP	6.0	
DHØGDS (L)	13,300	100	35	SO-CW-LP	6.4	
DJ6QQ	9,648	68	36	SO-CW-LP	6.7	
DJ1KW	8,448	65	33	SO-CW-LP	2.6	
DO6SR	7,616	60	34	SO-CW-QRP	4.5	
DL7GW	6,832	62	28	SO-CW-LP	2.5	
DG6ME	5,856	61	24	SO-CW-LP	5.8	
DH6YAG	5,760	61	30	SO-CW-LP	5.8	
DL7UFR (L)	4,992	49	26	SO-CW-LP	3.4	
DL2ZA (L)	4,480	41	28	SO-CW-LP	1.9	
DO6AN (L)	2,960	38	20	SO-CW-LP	1.2	
DL1SAN	2,880	40	18	SO-CW-LP	0.6	
DF4TS	2,560	36	20	SO-CW-LP	2.4	
DJ8UL (L)	2,448	40	18	SO-CW-LP	2.2	
DK1LRS (L)	2,240	29	20	SO-CW-LP	1.2	
DL2AXM	2,088	33	18	SO-CW-LP	4.9	
DL5DRM (L)	1,404	28	13	SO-CW-LP	1.6	
DL6RG (L)	1,144	28	11	SO-CW-LP	1.6	
DL5ANS	936	19	13	SO-CW-LP	1.2	
DL5MY	880	20	11	SO-CW-LP	1.1	
DM2VV	840	24	10	SO-CW-LP	2.8	
DF1GRA (L)	572	13	11	SO-CW-LP	0.9	
DF7WY	440	12	10	SO-CW-LP	1.0	
DM3VPJ	416	14	8	SO-CW-LP	1.1	
DLØRDG (DL9GWA, op) (L)	384	16	6	SO-CW-LP	0.8	
DL5HP (L)	360	11	9	SO-CW-HP	0.6	
DO2ALP (L)	100	10	5	SO-CW-LP	1.8	
DR5X	16	2	2	SO-CW-LP	0.1	
DL8LAS	16	2	2	SO-CW-LP	0.1	
DKØPC	16	2	2	SO-CW-LP	0.1	
DK5DQ	780,318	955	231	SOU-MIX-HP	15.4	
DJØIF	749,320	835	286	SOU-MIX-HP	17.0	
DL7AT	499,950	717	225	SOU-MIX-HP	13.5	
DA1TT	459,828	685	241	SOU-MIX-HP	15.8	
DL6WT	360,930	479	227	SOU-MIX-HP	10.8	
DF8XC	335,268	560	201	SOU-MIX-HP	10.8	
DL5RMH	213,840	362	165	SOU-MIX-HP	5.2	
DL2FQ	204,512	383	176	SOU-MIX-HP	11.1	
DF1SD	188,800	350	160	SOU-MIX-LP	12.1	
DL8UAT	157,216	325	136	SOU-MIX-HP	8.0	

DM3PKK	147,384	305	138	SOU-MIX-HP	13.0	
DL6JZ	145,312	288	152	SOU-MIX-HP	8.2	
DL5AXX	124,700	368	86	SOU-MIX-HP	3.4	
DJ4MH	110,962	298	109	SOU-MIX-LP	9.0	
DR4S (DJ2QV, op) (L)	103,960	238	115	SOU-MIX-LP	5.0	
DJ4WT	76,050	259	75	SOU-MIX-LP	11.4	
DL4JLM	66,216	199	89	SOU-MIX-HP	7.1	
DL5IC	61,050	287	111	SOU-MIX-HP	11.9	
DM5WW	53,504	188	88	SOU-MIX-HP	7.0	
DK2OY (L)	52,224	212	68	SOU-MIX-LP	5.9	
DL2OE	47,740	164	77	SOU-MIX-HP	3.2	
DK1FW	40,766	120	109	SOU-MIX-HP	5.2	
DJ2TG	38,736	151	72	SOU-MIX-HP	5.3	
DAØBCC (DL1MGB, op)	38,646	178	57	SOU-MIX-HP	5.2	
DL4YAO	36,540	154	70	SOU-MIX-HP	2.9	
DK8AX	33,280	115	80	SOU-MIX-LP	4.3	
DJ1MM (L)	30,360	137	60	SOU-MIX-LP	10.0	
DL4VK	27,360	110	76	SOU-MIX-HP	2.0	
DM3F (DH5FS, op) (L)	24,696	106	63	SOU-MIX-LP	4.3	
DD5VL (L)	24,066	109	63	SOU-MIX-LP	3.9	
DL4DRW	22,990	118	55	SOU-MIX-LP	10.2	
DL4XT (Y)	19,824	108	56	SOU-MIX-HP	4.0	
DP4X	13,770	70	51	SOU-MIX-LP	2.4	
DL3LJ	12,788	92	46	SOU-MIX-LP	4.1	
DG7RO	12,154	73	59	SOU-MIX-HP	1.6	
DK5DS	9,460	69	43	SOU-MIX-HP	5.0	
DL2Ø25B (DL7VOG, op)	9,324	71	37	SOU-MIX-LP	3.2	
DJ4MX (Y)	9,282	61	39	SOU-MIX-LP	0.8	
DL6EZ (L)	8,640	64	36	SOU-MIX-LP	3.7	
DL7AOS (L)	4,536	58	27	SOU-MIX-LP	3.0	
DK3WN	3,996	38	27	SOU-MIX-LP	1.5	
DR6W (DL6RBH, op)	1,976	27	19	SOU-MIX-HP	1.7	
DL2SBY (L)	1,400	22	20	SOU-MIX-HP	1.8	
DL3SFB	352	13	11	SOU-MIX-HP	0.8	
DL8MF	210	9	7	SOU-MIX-QRP	1.2	
DL7MO	12	2	2	SOU-MIX-LP	0.1	
DL2ARD	716,880	2,075	174	SOU-PH-HP	24.6	
DR1D	490,776	1,474	169	SOU-PH-HP	22.0	
DK5KMA	176,694	602	147	SOU-PH-LP	23.7	
DL3LAB	78,888	348	114	SOU-PH-HP	9.9	
DL3SBI (L)	51,876	263	99	SOU-PH-HP	14.4	
DO3TX	32,292	209	78	SOU-PH-LP	13.6	
DK4VW	27,840	176	80	SOU-PH-HP	6.4	
DG1GHY	7,144	76	47	SOU-PH-HP	4.1	

DF4TC (L)	4,712	66	38	SOU-PH-HP	4.4	
DG8DP	4,440	62	37	SOU-PH-LP	2.1	
DM6AT	4,104	57	36	SOU-PH-LP	5.4	
DL6HBQ	2,350	48	25	SOU-PH-LP	2.6	
DL5VEN (L)	1,056	33	16	SOU-PH-LP	2.8	
DL8AX (L)	648	19	18	SOU-PH-LP	1.4	
DL2FI (L)	504	19	14	SOU-PH-LP	2.8	
DG5TF (L)	390	15	13	SOU-PH-LP	1.1	
DL9YY	378	21	9	SOU-PH-LP	1.0	
DC2CT (L)	336	14	12	SOU-PH-LP	1.6	
DG7SCB	308	14	11	SOU-PH-LP	0.7	
DL6AF (L)	48	6	4	SOU-PH-LP	0.4	
DH8BQA	737,272	1,185	157	SOU-CW-HP	22.2	
DA1DX	683,392	1,127	152	SOU-CW-HP	20.0	
DL2NBY	523,848	901	146	SOU-CW-LP	20.3	
DL3DXX	404,424	828	123	SOU-CW-HP	13.6	
DL1WA	343,264	640	136	SOU-CW-HP	10.9	
DK8ZB	297,792	522	144	SOU-CW-HP	11.8	
DM5GG	245,088	449	138	SOU-CW-HP	11.5	
DK3WW (L)	225,760	416	136	SOU-CW-LP	8.8	
DL5YM	183,160	486	95	SOU-CW-HP	11.4	
DL6KVA	173,768	406	107	SOU-CW-HP	11.7	
DL1QW	173,280	362	120	SOU-CW-HP	8.9	
DL8WEM	160,928	381	107	SOU-CW-HP	6.8	
DJ9AO	156,000	327	120	SOU-CW-HP	10.9	
DF5EN	154,160	419	94	SOU-CW-HP	13.3	
DK2GZ	139,384	270	131	SOU-CW-LP	12.3	
DL1RNW	121,056	315	97	SOU-CW-LP	13.1	
DM4X (DD2ML, op)	101,480	297	86	SOU-CW-HP	4.6	
DL8CA	101,268	261	97	SOU-CW-HP	8.0	
DK9IP	84,348	213	99	SOU-CW-HP	5.6	
DL4YR	79,560	257	78	SOU-CW-LP	9.5	
DL2MDU	79,420	211	95	SOU-CW-HP	7.5	
DL5NDX	78,960	237	84	SOU-CW-HP	8.6	
DK9TF	73,628	242	79	SOU-CW-LP	10.0	
DF7C (DF7CB, op)	64,372	212	77	SOU-CW-LP	7.0	
DK6WL	63,448	207	77	SOU-CW-HP	3.2	
DL1RTL	62,400	200	78	SOU-CW-HP	5.3	
DJ9RR	60,720	231	66	SOU-CW-HP	7.6	
DM7W	60,192	201	76	SOU-CW-LP	2.8	
DF3VM	53,760	196	70	SOU-CW-HP	2.8	
DJ9DZ	52,992	209	64	SOU-CW-HP	3.9	
DL8TG (L)	47,056	176	68	SOU-CW-LP	5.3	
DK7MD	44,988	163	69	SOU-CW-HP	5.3	

DL1EFW (L)	43,920	183	61	SOU-CW-QRP	10.4	
DL1CW	42,240	169	64	SOU-CW-LP	4.0	
DJ2XY (L)	39,672	172	58	SOU-CW-LP	6.8	
DL5XJ	35,568	160	57	SOU-CW-HP	2.7	
DK3WE	34,336	116	74	SOU-CW-LP	3.1	
DL1KWK	31,964	136	61	SOU-CW-HP	5.3	
DF1DT	30,360	139	55	SOU-CW-LP	4.2	
DL5ASK	30,000	125	60	SOU-CW-HP	3.3	
DJ2VA	28,728	137	54	SOU-CW-LP	6.0	
DL1TS	27,984	137	53	SOU-CW-LP	7.2	
DK3DUA	25,984	119	56	SOU-CW-LP	3.0	
DJ6GI	25,600	130	50	SOU-CW-HP	2.4	
DK1TW	24,640	113	56	SOU-CW-HP	6.4	
DK7ZT	24,400	100	61	SOU-CW-LP	2.4	
DC8SG	23,968	110	56	SOU-CW-LP	6.9	
DH1TST	22,800	99	60	SOU-CW-HP	4.3	
DH8WE (L)	20,368	138	38	SOU-CW-LP	4.8	
DL8SCG	19,600	100	50	SOU-CW-LP	3.0	
DJ9MH	19,000	98	50	SOU-CW-LP	2.4	
DJ1XT	18,088	120	38	SOU-CW-HP	2.1	
DJ3RA (L)	17,640	105	42	SOU-CW-LP	5.2	
DF7CP (L)	17,548	112	41	SOU-CW-HP	2.0	
DJ8EW (L)	16,704	88	48	SOU-CW-HP	2.8	
DL2Ø25C (DJ2FR, op)	15,840	111	36	SOU-CW-LP	3.3	
DL1ONI	15,416	97	41	SOU-CW-LP	2.8	
DF7TS	11,096	75	38	SOU-CW-LP	3.0	
DL8ZAJ	9,800	70	35	SOU-CW-LP	3.6	
DK3Y (DL4FN, op)	6,960	58	30	SOU-CW-LP	1.6	
DD5KG (L)	6,468	52	33	SOU-CW-LP	3.0	
DM7TW	6,392	52	34	SOU-CW-HP	2.7	
DO7IW (L)	5,408	56	26	SOU-CW-LP	5.4	
DL1BUG	5,248	41	32	SOU-CW-HP	0.8	
DL3SDE (L)	5,168	45	34	SOU-CW-LP	6.0	
DQ9M (D8UD, op)	4,320	47	24	SOU-CW-LP	1.6	
DL9FBF	3,808	34	28	SOU-CW-LP	0.8	
DJ5NE (L)	3,444	43	21	SOU-CW-LP	2.2	
DJ1OJ	3,440	43	20	SOU-CW-LP	1.1	
DL1SO (L)	2,880	40	18	SOU-CW-LP	1.3	
DL8WJM	2,880	40	18	SOU-CW-LP	1.9	
DF8V (DF8VO, op)	1,656	23	18	SOU-CW-HP	0.8	
DL7YS	1,632	24	17	SOU-CW-LP	1.2	
DK2ZO (L)	960	20	12	SOU-CW-LP	0.6	
DL1ARK (L)	748	17	11	SOU-CW-LP	0.7	
DL6GCE	704	16	11	SOU-CW-LP	1.0	

DL4AC (L)	528	15	12	SOU-CW-QRP	2.0	
DM1KM	288	10	9	SOU-CW-HP	1.2	
DA3T (DL8DXL, op)	100	6	5	SOU-CW-LP	0.1	
DB7AL	80	5	4	SOU-CW-LP	0.2	
DL1JHR	48	4	3	SOU-CW-LP	0.4	
DL1SBF	36	4	3	SOU-CW-LP	0.2	
DLØBQ	479,446	701	209	MSHP	20.4	(Ops: DK1DX, DL1ASA, DL5FBC)
DLØWH	441,584	686	193	MSHP	19.1	(Ops: DG1BU, DM4IM)
DLØWW	402,534	713	209	MSHP	27.1	(Ops: DD7UA, DHØNN, DJ1LJ, DL6CD)
DR7B	394,368	740	156	MSLP	17.1	(Ops: DL2JRM, DO2XX)
DKØBO	6,888	85	42	MSLP	7.0	(Ops: DO3REN)
Finland						
OH3XZ	108	6	6	SO-MIX-HP	0.2	
OG8A	19,584	203	51	SO-PH-HP	10.0	
OH3EVM (L)	1,518	33	23	SO-PH-LP	3.0	
OH9COG (OH1ZAA, op)	12	3	2	SO-PH-HP	0.1	
OH/9H1CG (L)	8	2	2	SO-PH-QRP	0.3	
OH7MA	499,200	996	128	SO-CW-HP	23.9	
OH4TY (L)	49,280	176	70	SO-CW-LP	8.3	
OH2KI	15,640	85	46	SO-CW-HP	3.6	
OH6DVD (OH1ZAA, op)	14,664	78	47	SO-CW-HP	3.4	
OH2BBM	5,848	44	34	SO-CW-HP	1.7	
OH8TX (L)	4,752	67	18	SO-CW-QRP	4.0	
OH1TS	3,956	46	23	SO-CW-LP	2.4	
OH2MAS	196	7	7	SO-CW-LP	0.3	
OH2PM	120	6	5	SO-CW-LP	0.3	
OH1NA	283,038	531	161	SOU-MIX-HP	18.7	
OG6N (OH6NIO, op)	258,628	441	166	SOU-MIX-HP	15.2	
OH9SCL (OH9JS, op)	15,244	207	37	SOU-PH-LP	6.1	
OH6PX	14,014	143	49	SOU-PH-HP	11.2	
OH1LEG	12,544	100	64	SOU-PH-HP	5.1	
OH1TD	3,180	57	30	SOU-PH-HP	4.3	
OH7MFO	1,496	44	17	SOU-PH-LP	2.4	
OG3B	441,936	899	124	SOU-CW-HP	15.2	
OH1TM (L)	107,512	302	89	SOU-CW-HP	7.4	
OH1RX	71,912	182	101	SOU-CW-HP	7.4	
OH3MZ	28,224	129	56	SOU-CW-LP	4.5	
OH5BQ	19,908	79	63	SOU-CW-HP	3.3	
OH6OS	3,800	39	25	SOU-CW-HP	1.1	
OH2BBT	2,268	27	21	SOU-CW-HP	0.9	
France						
TM3A (F2CT, op) (L)	192,832	745	131	SO-MIX-LP	12.6	
F4FIP	176,792	362	154	SO-MIX-LP	13.4	
F5PHY	106,740	314	90	SO-MIX-HP	6.8	

F5SDD (L)	106,248	277	114	SO-MIX-HP	9.5	
F5MNC	58,996	231	98	SO-MIX-LP	10.3	
F5MLJ	51,712	196	101	SO-MIX-LP	10.4	
F6KOP (L)	33,320	170	70	SO-MIX-HP	4.8	
TM5B (F4GLK, op)	30,020	186	79	SO-MIX-LP	9.7	
F4EMK	29,704	143	79	SO-MIX-QRP	11.1	
F6BQG	20,520	105	57	SO-MIX-LP	7.8	
F5NIB	11,730	69	51	SO-MIX-LP	3.8	
F6FET	6,732	59	34	SO-MIX-LP	3.2	
F5BTH	3,528	39	28	SO-MIX-HP	7.2	
F4GBW	1,960	27	20	SO-MIX-LP	1.5	
F4FTV (L)	157,550	597	137	SO-PH-HP	16.3	
F4FRG	56,448	261	112	SO-PH-HP	10.8	
F4WDL	47,502	275	87	SO-PH-LP	9.6	
F6DRP (L)	25,480	189	70	SO-PH-LP	7.2	
F5RAV	23,046	169	69	SO-PH-HP	8.4	
F4GMH	19,404	149	66	SO-PH-LP	14.2	
TM4T	19,300	195	50	SO-PH-HP	1.8	
F4JIB	19,176	146	68	SO-PH-LP	8.1	
F4GDO	17,920	161	56	SO-PH-LP	10.6	
F4IEX	12,800	100	64	SO-PH-LP	7.7	
F4MMH	12,288	99	64	SO-PH-LP	7.9	
F4FLH	10,974	98	59	SO-PH-HP	5.7	
F4JVZ	9,512	84	58	SO-PH-LP	9.3	
F4LQA	9,024	98	47	SO-PH-LP	5.6	
F4MRK	4,256	60	38	SO-PH-LP	10.4	
F4BLE	3,948	49	42	SO-PH-HP	3.7	
F4JNP	3,920	50	40	SO-PH-LP	5.8	
F4EPP (L)	3,200	50	32	SO-PH-QRP	5.0	
F4IYB (L)	3,168	46	36	SO-PH-HP	6.4	
F4IET (L)	3,060	61	30	SO-PH-QRP	11.2	
F4LBS	2,790	45	31	SO-PH-HP	4.4	
F4DAS	2,604	45	31	SO-PH-LP	5.0	
F4MLW	1,976	39	26	SO-PH-HP	4.2	
F4LHK (L)	1,900	39	25	SO-PH-LP	2.4	
F4LNA	1,824	44	24	SO-PH-LP	5.3	
F4JRK	1,248	29	24	SO-PH-LP	2.1	
F4LAN	756	21	18	SO-PH-LP	1.0	
F4ENR	308	14	11	SO-PH-LP	1.4	
F4JBF	260	15	10	SO-PH-HP	1.3	
F4JJK/P	180	11	10	SO-PH-LP	0.5	
F1JIV	18	3	3	SO-PH-LP	0.3	
F6FYA	205,056	546	96	SO-CW-HP	6.5	
F5SGI	151,060	420	91	SO-CW-HP	13.3	

F5VV (L)	149,736	392	102	SO-CW-LP	16.8	
F5ICC	102,304	281	92	SO-CW-LP	11.3	
F5PLC	88,368	266	84	SO-CW-LP	7.3	
F5JU (L)	70,048	200	88	SO-CW-LP	8.4	
F6HBR (L)	58,828	191	77	SO-CW-HP	13.7	
F8GNV (L)	57,620	218	67	SO-CW-LP	11.5	
F5DM (L)	40,080	171	60	SO-CW-LP	7.8	
F8PDR	32,780	157	55	SO-CW-HP	4.8	
F6FJE (L)	32,332	139	59	SO-CW-LP	5.4	
F8AKC	28,800	98	75	SO-CW-QRP	11.4	
F6JOE	28,608	151	48	SO-CW-LP	6.7	
F4AIF	27,552	128	56	SO-CW-HP	6.8	
F8AAN	24,816	136	47	SO-CW-HP	2.6	
F5IND	18,400	109	46	SO-CW-LP	4.0	
F1MLN	17,640	100	49	SO-CW-LP	6.9	
F8FUA	14,664	96	39	SO-CW-HP	4.1	
F6JSZ (L)	13,984	80	46	SO-CW-LP	7.6	
F4DVO (L)	12,324	79	39	SO-CW-HP	5.0	
F4LSJ	6,720	58	30	SO-CW-HP	6.5	
F6API	4,640	43	29	SO-CW-LP	2.7	
F6BLK (L)	1,224	20	17	SO-CW-QRP	2.1	
F5JJA	960	17	15	SO-CW-LP	1.4	
F5NBX	1,080,880	1,191	295	SOU-MIX-HP	17.3	
F8FTY	251,020	453	163	SOU-MIX-LP	17.7	
F4FFH (L)	222,132	405	173	SOU-MIX-LP	17.7	
F5PAL	180,566	398	137	SOU-MIX-HP	7.3	
F8DFP	76,384	264	77	SOU-MIX-HP	7.8	
F4FFZ	73,600	212	115	SOU-MIX-LP	6.2	
F1ADG	63,440	173	122	SOU-MIX-LP	5.5	
TM5DX (F4HAU, op)	21,492	199	54	SOU-MIX-HP	1.9	
F1IKA	7,600	64	38	SOU-MIX-LP	4.0	
F1TRE	4,830	57	35	SOU-MIX-HP	5.0	
F4GFT (L)	2,840	38	20	SOU-MIX-LP	3.5	
TM1C (F4ARU, op)	658,794	1,898	177	SOU-PH-HP	23.1	
TM7J	539,448	1,614	169	SOU-PH-HP	23.6	
F8FKI	186,912	651	144	SOU-PH-HP	23.0	
F4DPW	119,040	507	120	SOU-PH-HP	18.9	
F4GTD	93,024	631	76	SOU-PH-HP	9.7	
F4EQN	88,392	383	116	SOU-PH-HP	12.0	
F1RHS	56,842	296	97	SOU-PH-HP	5.2	
F4EZG	54,990	244	117	SOU-PH-LP	18.2	
F4JHQ	51,548	267	98	SOU-PH-HP	13.5	
F8DNX	28,512	183	81	SOU-PH-HP	7.2	
TM3DX (F4MAG, op) (L)	25,536	154	84	SOU-PH-LP	11.6	

F1PNJ	16,988	139	62	SOU-PH-HP	8.0	
F1ROA (L)	15,008	138	56	SOU-PH-LP	13.2	
F4DSK	13,800	150	46	SOU-PH-HP	1.0	
F4HWS	12,240	102	60	SOU-PH-HP	4.8	
F8GAF	6,144	67	48	SOU-PH-LP	5.2	
F4JAU (L)	5,920	75	40	SOU-PH-LP	2.8	
F4CPF (L)	800	20	20	SOU-PH-HP	3.1	
F4GWM	162	9	9	SOU-PH-QRP	0.6	
TM8O (F1AKK, op)	1,256,288	1,843	172	SOU-CW-HP	33.8	
F6GCP	515,200	808	161	SOU-CW-HP	19.6	
F8DGY	451,612	922	127	SOU-CW-HP	15.2	
TM2Y (F6BEE, op)	404,336	697	148	SOU-CW-HP	8.0	
F5MYK (L)	250,400	632	100	SOU-CW-HP	13.8	
F5OQK	231,336	490	119	SOU-CW-HP	9.3	
F5PHW	196,384	365	136	SOU-CW-LP	7.8	
F8KGW (F5SDH, op)	172,608	483	93	SOU-CW-HP	8.2	
F6IIT	167,156	325	131	SOU-CW-LP	7.4	
F6AUS (L)	122,664	276	114	SOU-CW-HP	8.0	
F5NKX	116,600	282	106	SOU-CW-LP	6.0	
F8CRS	80,640	195	105	SOU-CW-LP	4.4	
F4HRM	60,480	172	90	SOU-CW-HP	8.4	
F6FLU	50,592	141	93	SOU-CW-LP	6.0	
F5MQU	28,712	195	37	SOU-CW-LP	7.0	
F5UTN	25,080	115	55	SOU-CW-LP	7.5	
F4VVG	13,912	97	37	SOU-CW-LP	3.3	
F5TYY	10,952	74	37	SOU-CW-LP	4.4	
F5RAB	10,720	68	40	SOU-CW-LP	4.5	
F5RDS	9,176	62	37	SOU-CW-LP	4.3	
TM6M	1,594,736	1,522	286	MSLP	22.8	(Ops: F4DXW, F4IXM, F8DBF)
F6KRK	923,418	1,230	261	MSHP	23.0	(Ops: F4AFQ, F4GBY, F4JAW, F4MAI, F5BLG, F8CRH)
F6PTT	892,848	1,404	264	MSHP	25.2	(Ops: F1DHX, F4LBZ, F4LJF, F5BSB, F5BZB, F5TRO)
TM1X	681,792	946	212	MSHP	19.8	(Ops: F4BPO, F4JND, F5RRS, F6BGC, F6IFY, HB9AMO, HB9GUC)
F8KFZ/P	210,256	820	136	MSHP	24.2	(Ops: F4IVC, F5RRZ)
TM7D	143,380	560	134	MSHP	20.8	(Ops: F4HYT, F4IYO, F4LVD, F6CQU)
F4KMI	15,318	115	69	MSHP	8.9	(Ops: F4FLH, F4IRD, F4JCR, F4LCZ, F4MSM)
Gibraltar						
ZB2KX (L)	4,464	46	31	SO-MIX-LP	3.3	
Greece						
SV1CEI (L)	13,566	77	51	SO-MIX-LP	7.0	
SV1SJJ	31,416	310	51	SO-PH-LP	6.8	
SV4LGX (L)	19,872	218	46	SO-PH-HP	7.9	
SV8TOZ	10,710	154	35	SO-PH-LP	5.6	
SY1DVP (L)	300	15	10	SO-PH-LP	1.5	
SV1QFU (L)	2	1	1	SO-PH-LP	0.0	

SV8GGI	69,480	200	90	SO-CW-LP	12.4	
SV1ME	45,000	228	50	SO-CW-HP	2.2	
SV1RK	28,912	144	52	SO-CW-HP	6.3	
SV1IU (L)	28,160	137	55	SO-CW-LP	7.4	
SV1NZB (L)	3,900	42	25	SO-CW-LP	5.3	
SV2AEL	19,332	145	54	SOU-MIX-LP	4.5	
SV3RPQ	140,556	668	106	SOU-PH-HP	14.4	
SV1SSK	45,982	279	83	SOU-PH-HP	17.9	
SV8IIR	20,874	218	49	SOU-PH-HP	7.7	
SV1QVA (L)	8,686	101	43	SOU-PH-LP	7.7	
SV6TAC (Y)	4,224	98	22	SOU-PH-LP	2.7	
SV8TCP (L)	3,808	73	28	SOU-PH-LP	5.4	
SV8KUE (L)	50	5	5	SOU-PH-QRP	1.8	
SV8OVJ	186,816	566	84	SOU-CW-HP	16.4	
SV1AZL (L)	149,408	414	92	SOU-CW-HP	17.6	
SV1JG	137,808	402	87	SOU-CW-HP	8.1	
SV1FJP	45,696	174	68	SOU-CW-HP	16.4	
SV8LMQ	28,560	137	60	SOU-CW-LP	12.8	
SV2/SV4IMN	14,896	99	38	SOU-CW-LP	6.2	
SV1CKZ	8,260	60	35	SOU-CW-LP	3.9	
SV8SXV	5,600	50	28	SOU-CW-LP	3.6	
Hungary						
HA6IAM	59,500	228	70	SO-MIX-QRP	12.9	
HA8AT	39,882	162	69	SO-MIX-LP	10.3	
HA3GC	14,280	95	42	SO-MIX-LP	6.5	
HG7J (L)	6,206	64	29	SO-MIX-QRP	4.2	
HA6NF	92,000	410	115	SO-PH-LP	16.9	
HA2RJ (L)	7,650	88	45	SO-PH-LP	8.1	
HA7AVU	2,300	48	25	SO-PH-LP	4.4	
HA5IZ	84	9	6	SO-PH-LP	1.6	
HG2DX (L)	103,680	290	90	SO-CW-QRP	14.4	
HA5BA	10,920	70	39	SO-CW-QRP	2.7	
HA3DX (HA4FB, op)	953,964	1,139	242	SOU-MIX-HP	20.9	
HA5JI	753,480	866	260	SOU-MIX-HP	12.2	
HG8W (HA8ZO, op)	382,888	502	229	SOU-MIX-HP	22.8	
HAØSA	201,280	403	160	SOU-MIX-LP	14.0	
HA7MF	163,324	358	133	SOU-MIX-LP	19.0	
HA1TNX (L)	132,000	304	125	SOU-MIX-LP	12.5	
HG5E (HA1AH, op)	70,512	235	78	SOU-MIX-HP	4.8	
HA5UA	58,410	178	99	SOU-MIX-HP	6.8	
HA3OU (L)	44,688	163	76	SOU-MIX-HP	7.1	
HA3KZ	33,228	145	71	SOU-MIX-HP	7.1	
HA5PP	19,080	110	45	SOU-MIX-LP	4.6	
HA8KM	4,514	49	37	SOU-MIX-LP	4.5	

HGØR (HAØNAR, op)	292,330	966	155	SOU-PH-HP	21.4	
HG6K (HA6AK, op)	10,058	107	47	SOU-PH-HP	3.7	
HA8GG (L)	5,822	71	41	SOU-PH-LP	6.4	
HG3N (HA3LN, op)	994,008	1,505	166	SOU-CW-HP	26.6	
HA8FK	734,464	1,217	152	SOU-CW-HP	21.7	
HG5D (HA8QZ, op)	480,180	814	151	SOU-CW-HP	22.7	
HA3NU	456,608	758	152	SOU-CW-LP	20.5	
HA7I (HA7JTR, op)	377,572	699	137	SOU-CW-HP	13.7	
HA8BE	151,188	302	129	SOU-CW-HP	10.6	
HAØLZ	79,648	280	76	SOU-CW-HP	8.0	
HA8LLK	68,392	169	103	SOU-CW-LP	8.5	
HA3IC	64,448	219	76	SOU-CW-HP	11.2	
HG1A (HA1ZN, op) (L)	53,792	170	82	SOU-CW-LP	8.7	
HG6O (HA6OA, op)	44,712	165	69	SOU-CW-LP	3.3	
HA3HX	34,692	151	59	SOU-CW-QRP	7.2	
HA8CQ (L)	32,616	152	54	SOU-CW-LP	7.5	
HA8TP	28,080	131	54	SOU-CW-LP	6.8	
HA7MS	12,384	73	43	SOU-CW-LP	4.8	
HG5C	182,400	405	114	MSHP	10.1	(Ops: HA3FLT, HA5MA)
HG6Z	145,672	357	131	MSLP	18.9	(Ops: HA6VV, HA6ZQ, HG6IA)
Iceland						
TF3SG	28,408	202	67	SO-MIX-HP	3.0	
TF3W	378,624	938	102	SO-CW-HP	8.1	
TF3EO	206,968	651	82	SO-CW-LP	14.2	
Ireland						
EI8CE	159,372	713	114	SO-PH-HP	10.4	
EI6GMB	7,040	83	44	SO-PH-LP	5.5	
EI6JOB (L)	6,958	72	49	SO-PH-LP	8.0	
EI6JLB (L)	24	4	3	SO-PH-LP	0.1	
EI2KA	66,000	288	60	SO-CW-LP	4.2	
EI4II	52,268	188	73	SO-CW-LP	9.3	
EI5DI	34,884	153	57	SO-CW-LP	2.5	
EI8GP (L)	23,808	126	48	SO-CW-LP	3.5	
EI6KW (L)	14,280	89	42	SO-CW-LP	5.0	
EI3CTB (L)	120	6	6	SO-CW-LP	0.2	
EI5KG	4,096	49	32	SOU-MIX-HP	1.8	
EI8KV (L)	576	18	16	SOU-PH-LP	1.0	
EI6JK	48,360	187	65	SOU-CW-LP	3.9	
EI7CC	37,700	148	65	SOU-CW-HP	7.2	
EI9LB	10,148	60	43	SOU-CW-HP	2.8	
EI7M	2,158,340	2,222	311	MSHP	21.4	(Ops: EI3DP, EI3JE, EI3JZ, EI3KD, EI4BZ, EI5GSB, EI5IYB, EI6IKB, EI8FDB, EI8IR)
Italy						
II4M	573,804	866	198	SO-MIX-LP	23.8	

IO3X (IV3JCC, op)	312,784	603	173	SO-MIX-HP	17.4	
IQ2ZY (IK2OWX, op)	147,840	396	132	SO-MIX-HP	20.1	
IU2SZF (L)	45,288	169	74	SO-MIX-LP	6.5	
IZ3NVR (L)	26,840	128	55	SO-MIX-QRP	4.1	
IZ8CLM	19,272	103	73	SO-MIX-HP	6.0	
IZØINT	14,628	97	53	SO-MIX-HP	5.9	
IU5RDL (L)	7,176	62	39	SO-MIX-LP	6.9	
IU1QZX (L)	5,952	54	31	SO-MIX-LP	7.0	
IK8YFU	3,542	45	23	SO-MIX-QRP	2.4	
IV3WMI	2,760	39	20	SO-MIX-LP	4.6	
IKØLYL (L)	2,116	27	23	SO-MIX-LP	1.9	
IV3JTT (L)	1,840	32	20	SO-MIX-LP	3.5	
IK2AVH	858	22	11	SO-MIX-HP	0.4	
IW3SOQ	100	7	5	SO-MIX-QRP	1.2	
IK2IKW (L)	72	5	4	SO-MIX-LP	0.3	
IP3G	124,320	602	105	SO-PH-HP	11.2	
IT9BCC (L)	47,580	307	78	SO-PH-LP	8.4	
IO2D (IU2SJJ, op)	44,880	258	88	SO-PH-HP	15.2	
IZ7XUQ	31,648	193	86	SO-PH-HP	10.6	
IW7EGQ	22,780	173	67	SO-PH-LP	4.3	
IK8EQG	18,056	124	74	SO-PH-HP	6.4	
IZ1NGZ	13,650	109	65	SO-PH-HP	6.6	
IB1A (IK1GPG, op)	13,400	137	50	SO-PH-LP	1.0	
IU2UFF (L)	11,660	108	55	SO-PH-LP	7.9	
IG9ITO (L)	11,544	149	39	SO-PH-LP	3.8	
IKØPHY	10,530	117	45	SO-PH-LP	1.5	
IZ6JPK	8,928	96	48	SO-PH-HP	4.4	
IUØPVZ	8,848	82	56	SO-PH-LP	2.1	
IU6UYV	6,882	95	37	SO-PH-LP	8.2	
IU2ROI (L)	6,880	81	43	SO-PH-HP	5.0	
IX1CKN	5,880	70	42	SO-PH-LP	3.8	
IU1RZX (L)	3,904	67	32	SO-PH-LP	6.8	
IZ2EAS	3,250	66	25	SO-PH-LP	4.4	
IU2QBG	3,234	52	33	SO-PH-LP	3.1	
IO1X	3,234	50	33	SO-PH-HP	2.2	
IV3NEP (L)	2,294	39	31	SO-PH-LP	3.2	
IZ8EQG	1,880	48	20	SO-PH-HP	3.6	
IZ5DKR	1,672	38	22	SO-PH-LP	3.1	
IK8RKH	1,672	44	19	SO-PH-LP	5.7	
II2XMAS	1,664	32	26	SO-PH-HP	1.6	
IU3PDF	1,584	33	24	SO-PH-HP	2.2	
IW3SOX (L)	1,470	35	21	SO-PH-QRP	4.7	
IW2NRI	1,380	30	23	SO-PH-QRP	2.6	
IZ1BDQ	1,364	32	22	SO-PH-LP	2.0	

IU8SDE (L)	1,260	35	18	SO-PH-LP	3.6	
I3JKI	1,224	35	18	SO-PH-HP	2.5	
IU1TMB (L)	960	37	15	SO-PH-LP	5.7	
IU1QZW	950	28	19	SO-PH-HP	2.8	
IK2QEM	756	23	18	SO-PH-LP	1.8	
IZ4UFG	336	14	12	SO-PH-LP	0.9	
IZ2GMR (L)	330	15	11	SO-PH-HP	0.5	
IZ2MZL (L)	312	17	12	SO-PH-LP	4.6	
IU3UWZ (L)	280	16	10	SO-PH-LP	1.6	
IZ2ZTR (L)	192	16	6	SO-PH-LP	1.3	
IU8VAQ	120	13	5	SO-PH-LP	2.0	
IU1QQW	108	9	6	SO-PH-LP	0.7	
IWØHLZ (L)	100	10	5	SO-PH-HP	0.5	
IU2SNG (L)	84	8	6	SO-PH-LP	0.5	
IU2UDF	84	7	6	SO-PH-LP	0.6	
IU1PFA (L)	72	9	4	SO-PH-LP	0.7	
IV3VSL	2	1	1	SO-PH-HP	0.0	
IK3VUT	333,960	731	115	SO-CW-HP	14.5	
IKØYUT	123,120	350	90	SO-CW-HP	5.9	
IC8FBU (L)	89,096	324	74	SO-CW-LP	15.0	
IT9ODQ	61,600	229	70	SO-CW-HP	20.1	
IK2AHB	56,240	191	74	SO-CW-HP	5.2	
IK1WEG	42,560	206	56	SO-CW-HP	8.4	
IK7XJA (L)	41,600	162	65	SO-CW-LP	5.4	
I1GXV	18,900	112	45	SO-CW-LP	5.6	
IZ6BXQ (L)	12,816	90	36	SO-CW-LP	3.8	
IW2JBB (L)	9,516	70	39	SO-CW-LP	4.4	
IK2ULV	6,864	52	33	SO-CW-LP	3.2	
IN3HUU (L)	6,784	53	32	SO-CW-LP	4.4	
IK8UND	5,720	55	26	SO-CW-LP	0.8	
IV3EAD (L)	2,516	37	17	SO-CW-LP	1.3	
IZ2ABZ (L)	2,160	28	27	SO-CW-LP	3.7	
IT9KCD (L)	2,052	30	19	SO-CW-LP	0.6	
IK2AIT	1,380	24	15	SO-CW-LP	2.4	
IT9SSI	1,260	21	15	SO-CW-HP	0.5	
IK3MLF	1,152	19	16	SO-CW-LP	1.6	
I4IKW	560	14	10	SO-CW-LP	0.9	
IK1RAC (L)	560	17	10	SO-CW-QRP	1.2	
IZ4DYX	480	12	10	SO-CW-LP	0.4	
IK2YCW	726,616	933	253	SOU-MIX-HP	19.9	
IK3UNA	571,428	814	234	SOU-MIX-HP	19.8	
IZ3NYG	377,566	592	181	SOU-MIX-HP	20.8	
IK3ORD	74,302	199	97	SOU-MIX-HP	5.8	
IK4MTF (L)	49,320	168	90	SOU-MIX-LP	5.9	

IP4X	27,608	124	68	SOU-MIX-HP	2.2	
IW5EIJ (L)	17,850	111	51	SOU-MIX-LP	6.6	
IU7XWD	5,824	67	28	SOU-MIX-LP	4.6	
IT9KHI	504	14	12	SOU-MIX-LP	0.9	
IW7ED	440	21	11	SOU-MIX-HP	1.2	
IU3MDI	192	8	8	SOU-MIX-LP	0.5	
II9P (IT9EQO, op)	424,440	1,330	162	SOU-PH-HP	19.2	
IP9A	365,064	1,142	164	SOU-PH-HP	23.3	
IK2TDM	44,880	204	110	SOU-PH-HP	8.0	
IZ5TJD/7	38,624	274	71	SOU-PH-HP	11.7	
IZ2DVI	37,202	211	89	SOU-PH-LP	17.0	
IZ1LEJ (L)	21,750	145	75	SOU-PH-HP	9.5	
IV3JVJ	18,910	160	61	SOU-PH-HP	3.5	
IB9W	8,814	117	39	SOU-PH-HP	4.3	
I6NOA	8,160	80	51	SOU-PH-HP	3.0	
IW4CUG (L)	6,972	83	42	SOU-PH-LP	8.8	
IWØSAG	6,106	72	43	SOU-PH-QRP	2.4	
IZ5CMI	2,232	36	31	SOU-PH-LP	2.0	
IU1TKJ	1,296	36	18	SOU-PH-LP	3.2	
IU3QNT	608	20	16	SOU-PH-LP	1.0	
II2Q (IK2PFL, op)	1,278,816	1,859	173	SOU-CW-HP	26.7	
IK1PMR	521,420	907	145	SOU-CW-HP	15.8	
IKØFUX	256,968	502	129	SOU-CW-HP	17.0	
IT9ATF (L)	148,288	333	112	SOU-CW-LP	10.6	
IT9RZU (L)	147,488	423	88	SOU-CW-LP	15.3	
IQ2VA (IK2CFD, op)	125,404	295	107	SOU-CW-LP	10.0	
IZ8EFD	99,200	256	100	SOU-CW-LP	11.4	
IK2SND (L)	79,424	296	68	SOU-CW-HP	6.2	
IT9ESW	76,472	242	79	SOU-CW-LP	5.3	
IW3IFJ	64,440	180	90	SOU-CW-HP	9.8	
I2SVA	62,568	241	66	SOU-CW-HP	3.8	
IZ3ETC (L)	45,828	172	67	SOU-CW-LP	4.1	
IO9J (L)	38,160	186	53	SOU-CW-LP	8.4	
IT9ORA (L)	35,728	155	58	SOU-CW-LP	3.6	
IP9R	24,600	152	41	SOU-CW-HP	3.6	
I1NVU	24,500	125	49	SOU-CW-LP	4.0	
I1HJT	24,240	102	60	SOU-CW-HP	2.9	
IUØPJS (L)	17,280	92	48	SOU-CW-LP	4.7	
IK2CLB (L)	13,328	76	49	SOU-CW-LP	3.1	
IUØTID	11,544	75	39	SOU-CW-LP	7.3	
IKØNOJ (L)	7,056	87	21	SOU-CW-LP	2.3	
IT9BGE	5,332	44	31	SOU-CW-LP	3.2	
IT9LKX	3,876	53	19	SOU-CW-LP	1.0	
IZ2FNI (L)	3,744	40	24	SOU-CW-LP	3.0	

IK2RLS (L)	3,300	35	25	SOU-CW-LP	1.5	
IK8PGM	2,400	30	20	SOU-CW-LP	1.5	
IT9RJE (L)	2,288	30	22	SOU-CW-LP	3.4	
II9I (L)	2,280	33	19	SOU-CW-LP	2.6	
IU3OAR (L)	1,984	31	16	SOU-CW-LP	2.6	
IN3GYK	1,824	24	19	SOU-CW-LP	2.6	
IK2GZU	1,232	28	11	SOU-CW-LP	1.0	
IUØITX (L)	988	19	13	SOU-CW-LP	1.6	
IU5HES (L)	800	20	10	SOU-CW-LP	1.2	
IZ8RQS	640	16	10	SOU-CW-LP	1.1	
IN3FHE (L)	480	12	10	SOU-CW-LP	0.8	
IV3HAX	320	10	8	SOU-CW-HP	0.2	
IZ5GRS (L)	252	9	7	SOU-CW-LP	0.5	
IO6T	1,857,708	2,079	309	MSHP	26.2	(Ops: IK6JNH, IK6PTH, IK6VXO, IZ6CRK, IZ6TSA)
II2S	1,742,400	1,864	300	MSHP	25.6	(Ops: I2VXJ, IK2EGL, IK2QEI, IU2IBU, IV3ZXQ, IZ2FDU, IZ2FOS, IZ2KXC)
IO5O	1,291,632	1,498	284	MSHP	21.6	(Ops: IKØEFR, IK5RLP, IUØPVM, IZ5EME, IZ5ILA)
IO5M	756,412	898	254	MSHP	24.5	(Ops: IZ5ICH, IZ5PXX)
IT9RGY	694,166	901	227	MSHP	23.5	(Ops: DK6XZ, IT9RBW, IT9RGY)
Kaliningrad						
R2FZ (L)	4,000	51	20	SO-CW-LP	1.9	
R2FG (L)	473,456	939	127	SOU-CW-HP	19.8	
Kosovo						
Z61DX	2,788	42	17	SO-MIX-HP	0.4	
Latvia						
YL3NU	46,116	186	63	SO-MIX-HP	12.8	
YL3SA	33,552	148	72	SO-MIX-LP	14.4	
YL3GU	3,082	57	23	SO-MIX-LP	3.9	
YL2II	1,764	37	18	SO-MIX-LP	2.0	
YL2LW	19,864	193	52	SO-PH-HP	6.3	
YL2SM	108,864	340	81	SO-CW-HP	3.5	
YL2BJ	97,088	298	82	SO-CW-HP	6.1	
YL2EA (L)	31,460	146	55	SO-CW-HP	9.2	
YL2PJ	25,440	120	53	SO-CW-LP	3.6	
YL2NK (L)	10,880	86	34	SO-CW-LP	3.4	
YL3GQ (L)	13,200	96	40	SOU-MIX-LP	4.9	
YL3OI	16,724	115	74	SOU-PH-HP	7.4	
YL3GV (L)	728	28	13	SOU-PH-LP	1.0	
YL2VW	342,924	701	123	SOU-CW-HP	15.0	
YLØYOTA	582,912	877	192	MSLP	19.2	(Ops: YL1ZF, YL3RZ)
Liechtenstein						
HBØWR	46,920	194	92	SOU-MIX-LP	9.5	
Lithuania						
LY7OK (L)	3,456	65	27	SO-PH-LP	7.4	

LY6O	104,652	336	81	SO-CW-HP	11.0	
LY5G	29,172	144	51	SO-CW-QRP	10.6	
LYØNAS (L)	900	16	15	SO-CW-QRP	2.0	
LY7T	301,020	556	174	SOU-MIX-HP	15.2	
LY2TS	172,638	370	139	SOU-MIX-LP	9.3	
LY3CY	47,854	191	71	SOU-MIX-HP	7.6	
LY3AB (L)	19,706	119	59	SOU-MIX-LP	4.3	
LY1R	27,738	211	67	SOU-PH-LP	14.9	
LY5GT	644	24	14	SOU-PH-LP	1.2	
LY2J	192,148	399	121	SOU-CW-LP	14.6	
LY5W	167,580	403	105	SOU-CW-HP	7.7	
LY2MM	33,600	140	60	SOU-CW-HP	3.7	
LY3G	968	22	11	SOU-CW-QRP	1.0	
LY5T	540	15	9	SOU-CW-LP	0.9	
Luxembourg						
LX1NO	368,280	844	110	SO-CW-HP	16.1	
LX1FP	5,694	75	39	SOU-PH-HP	4.0	
Macedonia						
Z34Z	3,168	69	24	SO-PH-LP	3.7	
Z35F	88,596	324	69	SO-CW-LP	13.8	
Z33B	51,840	245	54	SO-CW-HP	9.0	
Z31PM (L)	14,952	99	42	SOU-MIX-LP	7.8	
Z34SVS (L)	2,028	40	26	SOU-PH-LP	3.0	
Malta						
9H5SN	13,892	152	46	SO-PH-LP	3.5	
9H6A (9H1XT, op)	116,640	414	72	SOU-CW-HP	8.7	
9H1PI (L)	78,100	279	71	SOU-CW-LP	8.0	
Moldova						
ER1XYZ	140	11	7	SO-PH-LP	1.7	
ER1WK	5,112	72	18	SO-CW-QRP	7.4	
ER3UA	25,986	148	61	SOU-MIX-LP	10.1	
ER4A (ER4PS, op)	240	8	8	SOU-MIX-HP	0.2	
ER3CT	15,222	178	43	SOU-PH-LP	11.4	
ER1PL	3,306	87	19	SOU-PH-LP	6.3	
ER1AA (L)	25,912	158	41	SOU-CW-LP	11.2	
Montenegro						
4O4A	4,872	45	29	SO-CW-LP	1.2	
Netherlands						
PE2K (L)	30,240	149	56	SO-MIX-QRP	11.7	
PA8E	14,400	96	45	SO-MIX-QRP	5.7	
PA4DO	9,718	78	43	SO-MIX-LP	5.5	
PA7BM	6,394	79	23	SO-MIX-LP	6.9	
PA2VS (L)	5,050	55	25	SO-MIX-LP	3.2	

PA1BX	3,640	36	28	SO-MIX-LP	2.2	
PBØAFZ	39,008	215	92	SO-PH-HP	18.3	
PD1TV	14,986	134	59	SO-PH-LP	7.1	
PD2RSW	7,650	88	45	SO-PH-LP	7.0	
PD7AT (L)	6,348	71	46	SO-PH-LP	3.1	
PA2AZ	5,248	67	41	SO-PH-LP	4.9	
PD2DVB	5,166	64	41	SO-PH-LP	4.2	
PD5ISW (L)	5,092	67	38	SO-PH-LP	6.4	
PDØMGX	4,020	69	30	SO-PH-LP	6.8	
PD7V	3,952	54	38	SO-PH-LP	1.6	
PD5LDB (L)	3,696	57	33	SO-PH-LP	4.3	
PD4V	2,914	50	31	SO-PH-LP	7.4	
PD9MK	1,938	51	19	SO-PH-LP	2.6	
PA7KCC	1,840	41	23	SO-PH-LP	6.7	
PA4JJ (L)	950	25	19	SO-PH-LP	1.5	
PD1EMT	812	29	14	SO-PH-LP	3.4	
PDØFK	576	19	16	SO-PH-LP	1.0	
PEØCWK (L)	416	17	13	SO-PH-LP	2.5	
PA4DV	208	13	8	SO-PH-LP	0.8	
PE1BBT (L)	98	7	7	SO-PH-LP	0.2	
PCØA	659,736	1,127	147	SO-CW-HP	27.5	
PA2W (L)	34,428	152	57	SO-CW-LP	4.5	
PA3ARM (L)	18,624	99	48	SO-CW-LP	3.6	
PA7RA	6,816	73	24	SO-CW-QRP	4.5	
PA1FJ (L)	6,240	53	30	SO-CW-LP	3.8	
PD7CJT (L)	5,616	52	27	SO-CW-LP	1.7	
PA3KL (L)	3,036	35	23	SO-CW-LP	2.4	
PAØRBA (L)	1,972	29	17	SO-CW-LP	0.9	
PA3DBS	1,560	27	15	SO-CW-LP	1.0	
PA2CHM	1,360	23	17	SO-CW-LP	1.4	
PAØCOE (L)	192	10	8	SO-CW-LP	2.0	
PC4Y	64	4	4	SO-CW-LP	0.2	
PA1B (L)	32	4	2	SO-CW-QRP	0.3	
PA6G (PE4BAS, op)	260,964	469	198	SOU-MIX-LP	16.1	
PA6AA (PB7Z, op) (L)	219,652	391	178	SOU-MIX-HP	13.4	
PD1RP	93,928	258	118	SOU-MIX-LP	13.2	
PA3BUD	39,026	134	79	SOU-MIX-LP	4.5	
PE1PIX	37,516	148	83	SOU-MIX-HP	4.3	
PDØME	34,816	153	64	SOU-MIX-LP	4.9	
PH3BDJ (L)	30,228	136	66	SOU-MIX-LP	7.4	
PE4A	23,246	111	59	SOU-MIX-LP	4.8	
PC1PM	21,600	125	50	SOU-MIX-LP	4.3	
PD8L	14,268	87	58	SOU-MIX-LP	7.5	
PB2JJ	10,472	72	44	SOU-MIX-LP	4.4	

PA3GEO	6,014	61	31	SOU-MIX-LP	5.7	
PAØB (L)	3,350	57	25	SOU-MIX-LP	6.6	
PA1MAR	1,120	21	20	SOU-MIX-LP	2.0	
PC2K	40,404	223	91	SOU-PH-HP	5.7	
PG4DX (L)	35,696	198	97	SOU-PH-HP	7.1	
PI4W (PD8RW, op)	19,698	149	67	SOU-PH-HP	4.8	
PA3CGJ	17,420	143	65	SOU-PH-LP	11.9	
PD1BU (L)	16,440	141	60	SOU-PH-LP	11.5	
PD7EB (L)	15,996	135	62	SOU-PH-LP	12.4	
PA1BK (L)	13,216	118	56	SOU-PH-LP	4.2	
PD3JWB (L)	11,790	132	45	SOU-PH-LP	5.1	
PA4GDR	9,984	105	48	SOU-PH-HP	3.3	
PB4GA	6,970	87	41	SOU-PH-LP	6.5	
PE1EWR (L)	5,590	65	43	SOU-PH-LP	6.9	
PD7BB	5,544	67	42	SOU-PH-LP	5.8	
PG1N (L)	1,892	44	22	SOU-PH-LP	2.8	
PC9K (L)	1,216	38	16	SOU-PH-LP	1.6	
PDØHRY	864	26	18	SOU-PH-LP	2.0	
PD1GOL	640	20	16	SOU-PH-LP	1.4	
PA3HLE	544	19	16	SOU-PH-LP	1.8	
PC7R	220	11	10	SOU-PH-LP	1.1	
PA3AAV	501,072	868	146	SOU-CW-HP	18.3	
PA5WT	433,468	796	137	SOU-CW-HP	18.9	
PAØO	408,320	717	145	SOU-CW-HP	16.1	
PA5KT	325,512	602	137	SOU-CW-HP	12.0	
PAØGJV	234,568	546	109	SOU-CW-HP	11.8	
PD9DX	195,976	381	131	SOU-CW-LP	15.6	
PA2A (L)	174,440	451	98	SOU-CW-HP	12.3	
PA4O	135,520	311	110	SOU-CW-LP	9.7	
PA4PA	117,216	333	88	SOU-CW-LP	16.9	
PA2TA (L)	100,640	298	85	SOU-CW-LP	8.3	
PA3DUU	74,480	246	76	SOU-CW-LP	9.9	
PA4M	73,612	240	77	SOU-CW-HP	2.2	
PA5MW	68,640	167	104	SOU-CW-LP	6.3	
PE6U	64,988	213	77	SOU-CW-HP	4.0	
PA2P	59,340	218	69	SOU-CW-HP	8.2	
PA2REH (L)	53,760	195	70	SOU-CW-LP	12.4	
PC4H	37,680	157	60	SOU-CW-HP	2.9	
PE1T	36,344	122	77	SOU-CW-HP	4.6	
PE1RDP	32,912	121	68	SOU-CW-HP	4.5	
PA3GPX	31,464	144	57	SOU-CW-LP	3.8	
PA8R	28,704	157	46	SOU-CW-HP	5.3	
PAØRDT	27,360	159	45	SOU-CW-QRP	7.8	
PA7LV	21,336	137	42	SOU-CW-LP	3.3	

PA8MM	19,200	100	48	SOU-CW-LP	2.8	
PA4T	15,504	76	51	SOU-CW-LP	5.8	
PAØM	14,976	97	39	SOU-CW-HP	3.6	
PA3EWG	13,468	95	37	SOU-CW-LP	4.2	
PA3GDD	13,056	103	32	SOU-CW-HP	2.4	
PA1T	9,120	61	38	SOU-CW-HP	2.4	
PA3DSB (L)	7,700	56	35	SOU-CW-HP	1.7	
PG3R (L)	7,040	55	32	SOU-CW-LP	5.0	
PG2AA	5,952	49	31	SOU-CW-LP	4.6	
PE4KH (L)	1,944	27	18	SOU-CW-LP	1.8	
PA3DTR (L)	1,536	24	16	SOU-CW-LP	0.8	
PE1HWO	396	11	9	SOU-CW-HP	1.4	
PI4DX	1,061,476	1,539	274	MSHP	26.8	(Ops: PA3EVY, PD1DX)
PI4CC	356,184	565	204	MSHP	10.8	(Ops: PA2DK, PA4LA, PA5PR, PG7M)
Northern Ireland						
GI7JYK (L)	16,008	141	58	SO-PH-QRP	13.7	
GI6HKE (L)	3,000	50	30	SO-PH-LP	4.0	
MI5I (GIØRQK, op)	529,012	1,113	121	SO-CW-LP	19.8	
GI4NKB (L)	36,512	164	56	SO-CW-LP	8.8	
GI4SIP	10,670	99	55	SOU-MIX-HP	8.0	
MI4I (GI4SJQ, op)	118,680	349	86	SOU-CW-LP	10.4	
Norway						
LA5LJA (L)	118,556	328	107	SO-MIX-LP	11.8	
LB6VI	14,976	135	39	SO-MIX-HP	5.8	
LA9TY	23,874	174	69	SO-PH-LP	7.5	
LA4YGA	16,074	144	57	SO-PH-LP	9.5	
LA7WRA	10,578	123	43	SO-PH-LP	5.0	
LC5C (LA6KOA, op) (L)	8,100	135	30	SO-PH-HP	6.1	
LA5CIA (L)	2,760	60	23	SO-PH-LP	2.6	
LB5CJ (L)	748	23	17	SO-PH-LP	1.5	
LC5A (LA7MFA, op) (L)	57,652	213	71	SO-CW-LP	7.4	
LA/US1PM	49,560	213	59	SO-CW-LP	14.0	
LC2F (LA2HFA, op) (L)	39,000	155	65	SO-CW-LP	7.1	
LA7SI	6,528	54	32	SO-CW-LP	3.4	
LB2WD	4,560	62	20	SO-CW-LP	3.4	
LA3BPA	163,228	352	146	SOU-MIX-LP	13.1	
LB5GI	16,006	90	53	SOU-MIX-HP	2.0	
LB9KJ (L)	45,552	296	78	SOU-PH-HP	13.0	
LB7VI	9,890	115	43	SOU-PH-HP	5.8	
LA8OM (L)	336,000	707	120	SOU-CW-HP	15.8	
LA8AW	74,700	251	75	SOU-CW-LP	10.0	
LA9OI (L)	65,208	212	78	SOU-CW-HP	10.1	
LB1UK (L)	50,388	222	57	SOU-CW-LP	11.3	
LA2US	1,632	34	12	SOU-CW-LP	0.8	

LC2W (LB6RH, op) (L)	200	10	5	SOU-CW-LP	0.4	
Poland						
SN6W (SP6DNZ, op)	142,848	319	144	SO-MIX-HP	12.3	
SN1F (SP1GZF, op) (L)	65,520	218	91	SO-MIX-LP	9.5	
SP9EML (L)	40,664	152	92	SO-MIX-HP	6.9	
SP8MO	30,150	134	67	SO-MIX-LP	9.9	
SP2QCW	11,750	72	47	SO-MIX-HP	3.9	
SQ3DQ	1,312	25	16	SO-MIX-LP	3.4	
SQ6ABC	984	25	12	SO-MIX-LP	0.8	
SO5D (SO5CAL, op)	74,704	327	116	SO-PH-HP	13.1	
SO9F (SP9EJH, op)	39,196	242	82	SO-PH-HP	12.9	
SP8XXN	19,488	170	58	SO-PH-LP	10.8	
SP3FLY (L)	12,546	123	51	SO-PH-LP	5.9	
SP9JMZ (L)	11,904	128	48	SO-PH-LP	11.7	
SQ2RAD (Y)	11,520	131	45	SO-PH-HP	3.8	
SP7SF	9,828	91	54	SO-PH-LP	7.3	
SQ5BA (L)	7,332	94	39	SO-PH-LP	8.9	
SP4CUF	5,270	86	31	SO-PH-LP	5.2	
SP6MI	4,224	66	33	SO-PH-LP	2.3	
SP3DFB	4,216	68	31	SO-PH-LP	7.0	
SP1ETT (L)	3,360	60	28	SO-PH-LP	3.7	
SP4SHD (L)	3,300	68	25	SO-PH-LP	6.7	
SQ6ELK	2,968	54	28	SO-PH-LP	2.5	
SP3BVI	2,948	68	22	SO-PH-LP	5.2	
SP5GMM	2,146	40	29	SO-PH-HP	3.5	
SP5TWA	1,880	48	20	SO-PH-LP	4.9	
SQ9MYI	1,640	41	20	SO-PH-LP	3.6	
SP3QFZ (L)	1,530	46	17	SO-PH-LP	5.2	
SQ6PA (L)	1,518	38	23	SO-PH-LP	1.9	
SQ4RCU (L)	702	28	13	SO-PH-LP	2.2	
SP3MKL	576	25	12	SO-PH-QRP	2.7	
SQ1GU (L)	468	26	9	SO-PH-LP	1.0	
SP3GJ (L)	132	11	6	SO-PH-LP	1.1	
SP5SZE (L)	120	11	6	SO-PH-LP	1.0	
SP6TF	120	10	6	SO-PH-LP	1.2	
SP9PHO	32	4	4	SO-PH-LP	0.4	
SN5X	397,848	743	137	SO-CW-HP	21.2	
SN7J (SP7JYM, op) (L)	185,164	394	119	SO-CW-LP	12.9	
SQ6MIH	118,340	329	97	SO-CW-HP	15.5	
SP2FAP (L)	59,444	195	77	SO-CW-HP	6.5	
SQ9RM	40,748	170	61	SO-CW-LP	11.2	
SP6BEN	28,496	138	52	SO-CW-LP	8.4	
SP4AAZ	27,440	149	49	SO-CW-LP	11.5	
SP6DHH	22,000	117	50	SO-CW-LP	8.5	

SP6IHE	13,320	75	45	SO-CW-LP	5.3	
SN1O	11,972	77	41	SO-CW-LP	3.4	
SP7CLB	10,496	74	41	SO-CW-LP	10.2	
SP2AYC	9,000	77	30	SO-CW-LP	4.7	
SQ5J	5,500	56	25	SO-CW-LP	2.6	
SP5FKW	4,060	50	29	SO-CW-QRP	6.2	
SQ9FMU	2,880	36	20	SO-CW-LP	1.9	
SP9KJU (SP9MDY, op) (L)	924	22	11	SO-CW-LP	1.1	
SQ7M (L)	572	18	13	SO-CW-LP	2.0	
SP9WZS	240	12	5	SO-CW-HP	0.6	
SO6I (SP6JIU, op)	390,080	590	212	SOU-MIX-HP	15.0	
SQ3M	118,872	337	127	SOU-MIX-LP	14.2	
SP7M (SP5EWX, op)	113,646	248	141	SOU-MIX-QRP	9.8	
SP5MXZ	65,016	198	86	SOU-MIX-LP	8.1	
SP3WKW (L)	26,792	121	68	SOU-MIX-QRP	8.8	
SP5BN	16,244	100	62	SOU-MIX-LP	8.4	
SO9I (SQ9ORQ, op) (L)	7,476	78	42	SOU-MIX-LP	2.5	
SQ2HZ (L)	1,628	35	22	SOU-MIX-LP	3.9	
SQ2PHG	170,478	703	123	SOU-PH-HP	15.4	
SN7T (SQ7OTK, op)	127,368	530	122	SOU-PH-LP	17.8	
SP8K	69,184	388	92	SOU-PH-HP	10.4	
SP5GNI	33,534	212	81	SOU-PH-HP	10.5	
SP7TEE	23,904	168	72	SOU-PH-HP	6.6	
SP8DR	22,320	180	62	SOU-PH-LP	11.1	
SOØO (SQ9SO, op)	22,016	172	64	SOU-PH-LP	12.3	
SP5GW	4,898	79	31	SOU-PH-LP	4.8	
SN2M	4,420	65	34	SOU-PH-HP	1.9	
SQ7OVT (L)	2,430	48	27	SOU-PH-LP	2.9	
SN3T	2,050	42	25	SOU-PH-LP	0.8	
SP7JPN	1,344	49	14	SOU-PH-QRP	5.1	
SQ3TGN	832	32	13	SOU-PH-LP	1.8	
SP9ECS	832	26	16	SOU-PH-LP	2.8	
SN7Q	731,752	1,267	146	SOU-CW-HP	18.4	
SN3C	532,000	1,030	133	SOU-CW-HP	18.2	
SN1T	447,596	759	149	SOU-CW-HP	16.4	
SP8FHK	413,808	706	148	SOU-CW-HP	21.3	
SP2EWQ	377,720	721	133	SOU-CW-LP	14.4	
SP1NY	254,944	521	124	SOU-CW-HP	13.3	
SN8T (SP8BVN, op)	236,592	481	124	SOU-CW-LP	13.5	
SP2QG	184,260	419	111	SOU-CW-HP	12.4	
SN5N (SP5KP, op)	170,280	393	110	SOU-CW-HP	8.6	
SP1D	162,624	366	112	SOU-CW-HP	7.5	
SP9ATE	158,032	341	119	SOU-CW-HP	11.6	
SO9C	133,632	288	116	SOU-CW-LP	9.9	

SP9JZT	119,116	313	97	SOU-CW-LP	8.4	
SP4JFR	90,800	231	100	SOU-CW-LP	10.9	
SP7IIT (L)	89,040	268	84	SOU-CW-HP	8.6	
SP2R	73,944	238	78	SOU-CW-LP	3.9	
SP2MKI (L)	53,676	213	63	SOU-CW-HP	6.7	
SN5R (SP5XMU, op)	45,500	179	65	SOU-CW-LP	11.7	
SP2JFY	35,868	160	61	SOU-CW-LP	12.7	
SP2DKI (L)	33,976	140	62	SOU-CW-LP	7.2	
SP6AEG	32,376	117	71	SOU-CW-HP	5.7	
SQ1K (L)	31,236	141	57	SOU-CW-LP	8.5	
SP7CF	31,000	129	62	SOU-CW-LP	6.0	
SN5J (SP5JXK, op)	25,228	121	53	SOU-CW-LP	3.9	
SP5ELA	18,240	76	60	SOU-CW-LP	4.3	
SN3F (SP3FYX, op)	17,200	110	43	SOU-CW-LP	6.5	
SQ8J	11,552	77	38	SOU-CW-LP	3.3	
SN2S (L)	9,504	76	33	SOU-CW-HP	3.7	
SP5CNA	7,772	68	29	SOU-CW-HP	2.4	
SP2GOW	6,720	71	24	SOU-CW-LP	6.3	
SP3JDZ (L)	4,536	42	27	SOU-CW-HP	2.1	
SP3VT	3,360	35	24	SOU-CW-HP	0.7	
SQ3RAX	4	1	1	SOU-CW-LP	0.0	
SP8R	1,111,536	1,234	279	MSHP	24.5	(Ops: SP7VC, SP8GQU)
SP6PRT	196,874	380	173	MSHP	17.4	(Ops: SP6A, SP6ET, SQ6ILS)
SO2S	18,236	127	47	MSLP	11.9	(Ops: HF9CW, SQ5CW)
Portugal						
CT7BFV	46,920	255	92	SO-MIX-LP	11.5	
CT7AWJ (L)	26,780	121	65	SO-MIX-QRP	10.1	
CT1GFK (L)	6,014	52	31	SO-MIX-LP	0.7	
CR7BUI	1,200	32	20	SO-MIX-LP	3.9	
CQ7K (CS7AWL, op)	65,156	376	91	SO-PH-LP	17.6	
CT1DSV	60,984	367	84	SO-PH-HP	9.0	
CT1BWO	1,518	34	23	SO-PH-LP	3.9	
CR7BVZ (L) (Y)	700	25	14	SO-PH-LP	3.4	
CT1AL (L)	442	18	13	SO-PH-HP	1.5	
CS7BPO	312	26	6	SO-PH-HP	0.9	
CT7BJG	775,680	1,552	128	SO-CW-HP	17.0	
CT1DRB (L)	195,712	562	88	SO-CW-LP	13.6	
CT1ILT	53,856	205	66	SO-CW-LP	2.4	
CT7AUP	53,820	199	69	SO-CW-HP	6.6	
CT7BMY	3,348	35	27	SO-CW-LP	2.5	
CT7AUE	550,546	1,852	151	SOU-PH-HP	20.6	
CT7BOD (L)	243,922	946	131	SOU-PH-LP	21.2	
CT2IMG	146,640	523	141	SOU-PH-LP	10.6	
CT1FDB	81,096	335	124	SOU-PH-LP	19.6	

CT1FOQ (L)	32,574	183	89	SOU-PH-LP	7.8	
CT1BXT	8,480	80	53	SOU-PH-LP	2.4	
CS7BIN (L)	1,560	39	20	SOU-PH-LP	4.9	
CT7BTL (PF5X, op) (L)	131,100	286	115	SOU-CW-LP	7.2	
Romania						
YO2LEA	119,472	300	114	SO-MIX-LP	12.4	
YO6FNA	50,120	230	70	SO-MIX-HP	11.9	
YO4BEX (L)	13,300	101	35	SO-MIX-QRP	5.7	
YO5BRE (L)	12,096	99	42	SO-MIX-LP	5.0	
YO2OXD	9,118	84	47	SO-MIX-LP	5.3	
YO3CWC	4,250	56	25	SO-MIX-LP	5.6	
YO8BDW (L)	3,250	40	25	SO-MIX-LP	2.8	
YO2LPI	88,578	407	111	SO-PH-HP	11.8	
YO3AK (L)	21,632	170	64	SO-PH-HP	9.3	
YO7VXD	20,538	166	63	SO-PH-HP	13.0	
YO9XC	8,066	111	37	SO-PH-HP	4.6	
YO7LDT	7,476	92	42	SO-PH-LP	8.1	
YO6EL (L)	5,040	85	30	SO-PH-LP	4.3	
YO2LCF (L)	2,944	67	23	SO-PH-LP	4.8	
YO5BXI	2,814	67	21	SO-PH-HP	5.3	
YO5OHY (L)	2,244	53	22	SO-PH-LP	2.0	
YO3VVV (Y)	1,560	43	20	SO-PH-LP	2.2	
YO6PPX	884	34	13	SO-PH-LP	3.7	
YO6CRO	832	36	13	SO-PH-LP	2.1	
YO2LFP (L)	806	31	13	SO-PH-LP	1.3	
YO6RV	112	8	8	SO-PH-LP	1.1	
YO2IS (L)	48,128	195	64	SO-CW-LP	11.3	
YO2AMU	47,320	171	70	SO-CW-HP	6.0	
YO9IUP (L)	46,200	173	70	SO-CW-HP	11.8	
YO9BCM (L)	21,240	125	45	SO-CW-LP	8.8	
YO4BEW	19,388	135	37	SO-CW-QRP	7.4	
YO2CMI	10,080	73	35	SO-CW-LP	2.8	
YO5YM	8,184	66	33	SO-CW-LP	6.9	
YO3JW (L)	2,160	39	15	SO-CW-LP	1.7	
YO2MJZ (L)	2,112	34	16	SO-CW-LP	2.1	
YO7ARZ	1,560	30	13	SO-CW-LP	2.4	
YO3GNF	1,456	26	14	SO-CW-HP	0.8	
YO3FRI	836	19	11	SO-CW-LP	2.1	
YO9HP	405,280	714	170	SOU-MIX-HP	14.2	
YO8FC	17,280	110	45	SOU-MIX-QRP	4.8	
YO9AYN	7,178	62	37	SOU-MIX-HP	3.6	
YO6LA (L)	3,456	50	27	SOU-MIX-LP	4.2	
YO9DBP	4,608	72	32	SOU-PH-HP	3.8	
YO5QDI (L)	2,200	45	25	SOU-PH-LP	2.8	

YP8T (W9GZU, op)	547,080	977	141	SOU-CW-HP	22.9	
YR8I (YO8XMT, op)	410,464	811	127	SOU-CW-HP	18.6	
YR8R	187,544	401	119	SOU-CW-LP	17.4	
YO4NF (L)	186,004	513	91	SOU-CW-HP	11.5	
YP2R (YO2MAX, op)	184,320	388	120	SOU-CW-HP	12.1	
YQ6A (YO6BHN, op)	102,144	225	114	SOU-CW-HP	6.1	
YO3GEK	81,176	280	73	SOU-CW-LP	15.2	
YO4FHU (L)	60,720	265	60	SOU-CW-LP	17.9	
YO9SW	18,176	143	32	SOU-CW-HP	3.6	
YO3GCL	8,160	66	34	SOU-CW-LP	1.5	
YO4FZX	6,656	64	26	SOU-CW-LP	2.0	
YO4NT (L)	5,400	45	30	SOU-CW-LP	2.6	
YO4LUP	1,260	21	15	SOU-CW-LP	3.3	
YO3CVG	504	14	9	SOU-CW-LP	1.4	
YQ8T	1,036,746	1,372	263	MSHP	29.2	(Ops: YO4RIU, YO8DOH)
San Marino						
T77RN	168	7	7	SO-MIX-LP	0.8	
Sardinia						
ISØBSR	17,110	148	59	SO-PH-LP	3.3	
ISØAFM	87,892	302	73	SO-CW-HP	3.4	
ISØESG	44,980	178	65	SO-CW-QRP	14.5	
ISØGQX	99,220	460	110	SOU-PH-HP	12.8	
Scotland						
GM5X (GM4YXI, op)	1,369,062	1,777	243	SO-MIX-HP	18.4	
GM6NX (GMØEGI, op) (L)	5,504	54	32	SO-MIX-LP	2.6	
MM9YTN	16,226	136	61	SO-PH-LP	12.7	
MMØINH (L)	2,600	50	26	SO-PH-LP	2.2	
MMØT (GM3WUX, op)	473,760	1,001	120	SO-CW-HP	16.7	
GM3YTS	220,832	542	103	SO-CW-HP	7.8	
MM2N (MMØGPZ, op)	1,082,952	1,477	267	SOU-MIX-HP	19.0	
GMØV (GMØOQV, op)	108,750	365	125	SOU-MIX-HP	6.3	
MM7JNT	14,790	150	51	SOU-PH-LP	4.4	
MM1E (MMØGOR, op)	148,680	415	90	SOU-CW-HP	10.4	
MM2T (L)	106,704	349	78	SOU-CW-HP	4.3	
GM4Z (GM4ZUK, op)	89,688	303	74	SOU-CW-HP	4.6	
MM7IFX	8,316	64	33	SOU-CW-LP	2.4	
GMØEGI (L)	3,300	34	25	SOU-CW-HP	2.4	
GM5G	304,546	1,221	127	MSHP	18.4	(Ops: GM1TGY, MM9SQL)
Serbia						
YT1X	345,030	700	159	SO-MIX-HP	10.2	
YU1YV	250,344	530	122	SO-MIX-HP	17.6	
YT5M	163,680	385	120	SO-MIX-HP	11.6	
YU1QU	19,740	135	42	SO-MIX-QRP	12.0	

YT1P	12,614	126	53	SO-PH-HP	10.0	
YT4ZZ (L)	1,764	42	21	SO-PH-LP	3.2	
YU1P	1,680	42	21	SO-PH-LP	2.8	
YT1TY	840	30	14	SO-PH-LP	1.4	
YU1PXF (L)	528	22	12	SO-PH-LP	2.1	
YT3H	132	11	6	SO-PH-LP	0.2	
YU6DX	471,420	884	135	SO-CW-HP	23.0	
YT7AA	466,884	906	131	SO-CW-HP	20.1	
YU1AT	108,460	330	85	SO-CW-QRP	17.9	
YT1T	40,492	203	53	SO-CW-LP	11.5	
YT7X	11,760	84	35	SO-CW-LP	2.0	
YT9A (L)	10,804	74	37	SO-CW-HP	3.1	
YT1XC (L)	792	18	11	SO-CW-LP	1.6	
YTØZ (YU1ZZ, op)	1,383,644	1,497	281	SOU-MIX-HP	23.2	
YU1UN	637,140	974	185	SOU-MIX-HP	16.2	
YU7KW	335,778	510	191	SOU-MIX-HP	16.2	
YUØU	164,970	362	117	SOU-MIX-LP	13.6	
YT2RX	138,432	326	112	SOU-MIX-LP	16.8	
YTØW (YU1JW, op)	150,798	618	123	SOU-PH-HP	16.7	
YU7KP	45,202	234	97	SOU-PH-LP	12.7	
YT5EM	676	26	13	SOU-PH-LP	1.9	
YT3X	1,166,880	1,724	170	SOU-CW-HP	27.3	
YT9W	597,276	1,072	141	SOU-CW-HP	23.6	
YU2M (L)	154,836	396	99	SOU-CW-HP	19.6	
YU1LA	134,248	348	97	SOU-CW-LP	13.7	
YT5K	123,156	317	99	SOU-CW-HP	8.0	
YT2U	57,960	211	70	SOU-CW-LP	7.3	
YU7AA	31,784	148	58	SOU-CW-LP	8.6	
YU9YAU (L)	30,576	147	52	SOU-CW-LP	7.1	
YU1FG (L)	5,512	53	26	SOU-CW-LP	4.0	
YTØK (L)	3,808	34	28	SOU-CW-LP	2.0	
YT6A	791,048	997	244	MSHP	22.4	(Ops: YT1CI, YU1EW)
YU5R	648,240	905	222	MSHP	22.2	(Ops: 7X2TT, YT3PL)
YTØA	84,234	241	101	MSHP	9.2	(Ops: YT3WA, YU4AIE)
Slovak Republic						
OM3CGN	103,456	251	122	SO-MIX-HP	9.3	
OM1DK	135,488	592	116	SO-PH-HP	14.2	
OM5DX	15,080	135	58	SO-PH-HP	7.0	
OM6TX	3,190	55	29	SO-PH-LP	3.4	
OM6AT (L)	2,280	61	19	SO-PH-LP	4.8	
OM2JK	720	32	12	SO-PH-LP	2.4	
OM6AMI (L)	396	19	11	SO-PH-LP	1.0	
OM4BLK	360	20	10	SO-PH-LP	3.9	
OMØABA	352	23	8	SO-PH-LP	1.5	

OM7ANT (L)	336	21	8	SO-PH-LP	1.2	
OM6AL (L)	66,600	237	74	SO-CW-LP	14.1	
OM3ZU (L)	21,160	117	46	SO-CW-LP	5.4	
OM7AG	20,792	123	46	SO-CW-LP	7.7	
OM3TBG	16,376	93	46	SO-CW-LP	5.0	
OM7AT (L)	7,080	62	30	SO-CW-LP	4.4	
OM3CDN (L)	7,040	81	22	SO-CW-LP	6.7	
OM/SP9MA	48	4	4	SO-CW-QRP	0.2	
OM7M	2,038,014	2,175	297	SOU-MIX-HP	22.7	
OM2X	717,800	1,026	185	SOU-MIX-HP	18.4	
OM8A (OM2ADM, op) (Y)	140,238	253	159	SOU-MIX-LP	7.2	
OM1BEL (L)	572	23	13	SOU-MIX-LP	1.5	
OM1BC	3,008	47	32	SOU-PH-HP	2.4	
OM6RT (L)	112	8	8	SOU-PH-LP	1.2	
OM4AZL	18	3	3	SOU-PH-LP	0.1	
OM8CW	900,720	1,403	162	SOU-CW-HP	24.8	
OM3CW	230,264	551	107	SOU-CW-HP	8.4	
OM3GI	128,304	300	108	SOU-CW-HP	7.4	
OM5MX	57,368	203	71	SOU-CW-HP	8.9	
OM5KM (L)	49,644	199	63	SOU-CW-LP	9.5	
OM1PT	252	10	7	SOU-CW-LP	0.3	
OM5M	6,006	56	33	MSHP	1.5	(Ops: OM1BC, OM4DW)
Slovenia						
S51JQ	21,750	148	75	SO-PH-HP	5.6	
S56EM	216	12	9	SO-PH-HP	0.7	
S51MM	449,160	1,000	114	SO-CW-HP	18.6	
S5ØR (S56ØR, op)	126,888	334	102	SO-CW-HP	11.8	
S53OM (L)	4	1	1	SO-CW-QRP	0.0	
S53MM	671,920	892	227	SOU-MIX-HP	12.8	
S51DI	372,008	632	182	SOU-MIX-HP	18.0	
S56A	171,456	319	141	SOU-MIX-LP	12.7	
S59A	146,742	338	111	SOU-MIX-HP	6.0	
S54X	86,880	208	120	SOU-MIX-LP	5.7	
S52WD	43,050	157	75	SOU-MIX-HP	4.0	
S57NAW	18,090	136	67	SOU-PH-LP	8.4	
S58AT	11,760	100	60	SOU-PH-HP	6.2	
S59DM (L)	1,720	43	20	SOU-PH-LP	2.2	
S57Q	539,396	972	143	SOU-CW-HP	22.7	
S58W (S53AU, op)	264,248	493	134	SOU-CW-HP	15.5	
S52A (S59AA, op)	156,524	364	109	SOU-CW-HP	7.5	
S53V	147,840	338	110	SOU-CW-HP	7.1	
S53F	62,480	144	110	SOU-CW-HP	3.7	
S52W	51,436	168	77	SOU-CW-LP	5.1	
S59MA (L)	30,600	155	50	SOU-CW-LP	8.4	

S51RW (L)	29,264	122	62	SOU-CW-LP	11.0	
S57WJ (L)	192	8	6	SOU-CW-LP	0.5	
S51DX	70,528	241	76	MSHP	3.8	(Ops: S51DX, S59T)
Spain						
EA4KD	165,888	394	128	SO-MIX-HP	4.4	
EA1BDX	44,352	151	84	SO-MIX-LP	7.4	
EA3AYQ	27,020	147	70	SO-MIX-LP	8.2	
EE2A (EA2SN, op) (L)	18,544	109	61	SO-MIX-LP	5.1	
EA7MT	10,486	59	49	SO-MIX-LP	1.9	
EB5IBJ	1,794	43	23	SO-MIX-LP	3.0	
EA3GFA (L)	960	17	16	SO-MIX-LP	1.4	
EC4DPC	64	8	4	SO-MIX-QRP	1.0	
EA3CI	166,012	694	121	SO-PH-HP	19.7	
EA5DFV	157,780	700	115	SO-PH-HP	9.3	
ED1O (EA1US, op) (L)	57,474	318	93	SO-PH-HP	15.7	
ED5B (L)	45,390	265	89	SO-PH-HP	12.7	
EA3IKO (L)	44,896	259	92	SO-PH-HP	14.5	
EC5EA	27,664	183	76	SO-PH-LP	5.0	
EC1DD	24,924	186	67	SO-PH-LP	5.3	
EA3KT	23,100	172	70	SO-PH-LP	13.4	
EA3GCT	15,616	125	64	SO-PH-HP	4.0	
EA3DJL (L)	15,120	123	63	SO-PH-LP	8.7	
EB5TT	14,364	137	54	SO-PH-LP	15.9	
EA4GSH	12,900	131	50	SO-PH-LP	8.4	
EA2WD	11,742	104	57	SO-PH-LP	7.6	
EA1HXY (L)	10,584	101	54	SO-PH-LP	10.6	
ED4Y	8,910	103	45	SO-PH-LP	4.9	
EA4HNC	8,428	87	49	SO-PH-LP	5.9	
EA1JXP (L)	7,000	101	35	SO-PH-LP	9.6	
EA4ESM	4,864	67	38	SO-PH-LP	6.2	
EB5JJI	4,416	70	32	SO-PH-LP	7.6	
EA3JDR (L)	4,368	59	39	SO-PH-LP	6.2	
EA2FIK (L)	4,012	60	34	SO-PH-LP	4.2	
EA5JIH	3,710	53	35	SO-PH-LP	5.7	
EA4DE	3,552	49	37	SO-PH-LP	4.2	
EC4TR	3,078	59	27	SO-PH-LP	2.1	
EA1RDM	2,900	50	29	SO-PH-LP	4.0	
EA5/DL1YTT	2,240	41	28	SO-PH-LP	2.3	
EA4BQG (L)	1,880	49	20	SO-PH-LP	4.3	
EA3GEO	1,408	34	22	SO-PH-LP	2.4	
EA1BZN	1,254	34	19	SO-PH-QRP	3.4	
EA1LA (L)	1,188	28	22	SO-PH-LP	4.0	
EA3IZX	1,152	39	16	SO-PH-LP	4.6	
EB7AA	868	31	14	SO-PH-HP	1.0	

EC5APA (L)	714	23	17	SO-PH-QRP	1.0	
EA2BUW (L)	128	8	8	SO-PH-QRP	1.2	
EA1FRB	108	10	6	SO-PH-LP	1.1	
EA3F (L)	50	6	5	SO-PH-QRP	0.2	
EA1RFI	32	5	4	SO-PH-LP	0.3	
EA5EL	526,440	1,088	123	SO-CW-HP	18.2	
EA4R	309,408	593	132	SO-CW-HP	11.1	
EA7BEZ	138,096	415	84	SO-CW-LP	13.5	
EB7KA	115,924	399	73	SO-CW-HP	5.0	
EA3FZT	98,912	292	88	SO-CW-LP	7.3	
EA1CS	97,544	276	89	SO-CW-LP	9.2	
EA4EPY	92,520	271	90	SO-CW-QRP	13.2	
EA4TX	84,240	264	81	SO-CW-HP	4.1	
EA7Q (L)	64,856	247	67	SO-CW-LP	8.0	
EA5JA	61,512	236	66	SO-CW-LP	8.5	
EC3A (L)	59,024	242	62	SO-CW-LP	5.2	
EA5ITT	57,000	194	75	SO-CW-LP	6.6	
EA7OR (L)	53,480	212	70	SO-CW-LP	11.6	
EA3NT	52,528	198	67	SO-CW-LP	7.2	
EA4JI	36,064	163	56	SO-CW-HP	4.0	
EE5E (L)	35,784	152	63	SO-CW-QRP	13.4	
EA1IED (L)	34,160	159	70	SO-CW-LP	12.3	
EA5VK	32,096	167	59	SO-CW-LP	13.4	
EA4FL	29,792	137	56	SO-CW-LP	5.5	
EB5F	17,028	101	43	SO-CW-HP	1.3	
EA3QC (L)	5,292	53	27	SO-CW-QRP	4.6	
EA3WX	3,936	45	24	SO-CW-QRP	3.1	
EA2CAR (L)	3,640	35	26	SO-CW-QRP	0.6	
EA3TJ (L)	2,268	31	21	SO-CW-QRP	3.5	
EA5XQ (L)	1,440	21	18	SO-CW-LP	1.0	
EA4CS	832	19	13	SO-CW-QRP	1.3	
EA4U	728	15	13	SO-CW-QRP	1.5	
EA3IZQ	84	11	7	SO-CW-LP	1.9	
ED7W (EA7X, op)	2,396,440	2,150	331	SOU-MIX-HP	26.8	
ED1R (EA4AOC, op)	1,033,038	1,200	261	SOU-MIX-LP	21.1	
EA3AR	466,004	887	178	SOU-MIX-HP	13.2	
EA7TG	318,360	598	140	SOU-MIX-HP	10.1	
EF7O (EA7ZC, op) (L)	266,336	514	164	SOU-MIX-LP	19.6	
EA5KBG	77,804	222	106	SOU-MIX-HP	7.6	
EA5AER	53,438	187	77	SOU-MIX-LP	4.5	
EA5JVM	46,368	169	84	SOU-MIX-LP	13.3	
EA4CWW (L)	44,928	162	78	SOU-MIX-LP	11.3	
EA3GNU	42,256	156	76	SOU-MIX-HP	5.3	
ED1S (EA1IQM, op) (L)	32,976	138	72	SOU-MIX-LP	5.2	

EA3AQ	13,184	94	64	SOU-MIX-HP	3.6	
EA4FJX (L)	5,676	44	43	SOU-MIX-LP	5.8	
EA2AFV (L)	5,092	57	38	SOU-MIX-QRP	4.0	
EE3A (EA3ATM, op) (L)	1,748	40	19	SOU-MIX-HP	2.0	
EA5FAY (L)	1,408	26	22	SOU-MIX-LP	4.2	
EA3ICE	660	16	11	SOU-MIX-LP	1.2	
ED5I (EA5QE, op)	290,222	981	151	SOU-PH-HP	18.3	
ED7R	169,830	771	111	SOU-PH-LP	13.0	
EE7R (EC7KW, op) (L)	138,996	607	117	SOU-PH-LP	19.9	
EA5QA (L)	53,956	293	94	SOU-PH-LP	19.0	
EA1YD	53,300	332	82	SOU-PH-HP	14.9	
EC5CC	51,072	306	84	SOU-PH-HP	14.7	
EA4FLZ	49,068	289	87	SOU-PH-LP	13.9	
EA1FSG (L)	46,440	261	90	SOU-PH-LP	13.2	
EF5T (EA5SQ, op)	38,398	265	73	SOU-PH-HP	6.5	
EA1FDJ (L)	35,784	216	84	SOU-PH-HP	11.3	
EA2EWL (L)	33,756	195	87	SOU-PH-HP	9.2	
EA4RY (L)	24,716	169	74	SOU-PH-LP	8.8	
ED2K (EA2ELS, op)	21,842	167	67	SOU-PH-HP	5.6	
EA4AA	21,756	154	74	SOU-PH-LP	5.6	
EA7Z	19,910	183	55	SOU-PH-HP	4.9	
EG1NV (EA1Z, op)	13,530	124	55	SOU-PH-LP	3.5	
EA2AP	10,416	98	56	SOU-PH-LP	9.3	
EA5VR (L)	9,920	125	40	SOU-PH-HP	2.2	
EA4HRU	9,212	97	49	SOU-PH-LP	5.6	
EA1FW (L)	8,928	129	72	SOU-PH-LP	6.6	
EA4EUI (L)	8,432	138	31	SOU-PH-LP	3.7	
EA1PG	5,544	64	44	SOU-PH-HP	2.0	
EA1T	4,838	60	41	SOU-PH-LP	4.1	
EA5FCW	3,136	49	32	SOU-PH-LP	3.2	
EA1FTJ	1,550	33	25	SOU-PH-LP	2.6	
EA2CR (L)	800	27	16	SOU-PH-LP	1.8	
EA1GAL (L)	200	10	10	SOU-PH-LP	0.6	
EA4URG (EA4AA, op)	140	10	7	SOU-PH-LP	0.6	
EF5Y (EB5A, op)	1,481,216	2,126	176	SOU-CW-HP	30.4	
EA5O	659,488	1,123	148	SOU-CW-HP	16.2	
EC5K (L)	528,660	997	135	SOU-CW-HP	14.4	
EA1X	445,880	796	142	SOU-CW-HP	8.0	
EC4C	438,216	988	114	SOU-CW-HP	9.7	
EA5KM	411,720	741	141	SOU-CW-HP	16.8	
EA3NO	383,520	683	141	SOU-CW-LP	13.3	
EA7A	319,488	636	128	SOU-CW-HP	10.3	
EA4KA	314,116	655	121	SOU-CW-LP	14.0	
EA1WH	303,376	571	134	SOU-CW-LP	17.4	

ED3Q (EA3O, op)	269,824	550	124	SOU-CW-QRP	22.4	
EA5DF	260,680	689	98	SOU-CW-HP	7.3	
EA2AZ	245,280	528	120	SOU-CW-LP	16.8	
EA5FID	175,208	366	121	SOU-CW-HP	7.6	
EA5C	166,632	325	131	SOU-CW-HP	12.6	
EF5Q (EA5OH, op)	156,364	406	97	SOU-CW-LP	7.6	
EA4M (L)	142,008	296	122	SOU-CW-LP	7.1	
EA3OH	88,880	221	101	SOU-CW-HP	6.4	
EA5XA (L)	87,648	267	83	SOU-CW-LP	15.0	
EA3AVV (L)	76,160	240	80	SOU-CW-LP	8.1	
EA5DO	68,376	231	77	SOU-CW-LP	5.7	
EA5AKM	44,640	157	72	SOU-CW-LP	8.0	
EF5U (EA5U, op)	39,380	179	55	SOU-CW-LP	2.5	
EA3CWT (L)	37,224	141	66	SOU-CW-LP	4.8	
EA5J	34,800	153	58	SOU-CW-HP	1.5	
EA5PI	29,580	155	51	SOU-CW-LP	4.1	
EA2KV	26,432	119	56	SOU-CW-HP	3.0	
EA1TG	22,040	95	58	SOU-CW-LP	4.5	
EA1AER (L)	19,400	98	50	SOU-CW-LP	3.5	
EA3BOW (L)	15,552	91	48	SOU-CW-LP	3.8	
ED3Z (EA3DZ, op)	14,948	101	37	SOU-CW-LP	2.6	
ED5N	13,720	71	49	SOU-CW-HP	1.6	
EB5CS	11,868	70	43	SOU-CW-LP	3.0	
EA5MR	11,088	81	36	SOU-CW-LP	8.2	
EC4TA	7,888	59	34	SOU-CW-LP	0.7	
EA5BH	5,160	44	30	SOU-CW-LP	2.5	
EA5JX	3,872	44	22	SOU-CW-HP	0.9	
EB7A (L)	3,564	33	27	SOU-CW-QRP	1.6	
EA3URM	2,204	30	19	SOU-CW-HP	0.7	
EA2GM	1,040	21	13	SOU-CW-LP	1.4	
EA2DDE	528	15	12	SOU-CW-HP	0.8	
ED7K	1,409,344	1,646	244	MSHP	26.0	(Ops: EA7LOC, HA3NZ)
ED5E	259,550	913	145	MSLP	22.8	(Ops: EC5AGC, EC5WR)
ED4A	255,680	496	188	MSLP	17.6	(Ops: EA3CWK, EA4AWF, EA4EPU, EA4GZY, EA4HRJ, EA4IFC, EA4ITZ)
EC1T	194,112	684	144	MSHP	17.0	(Ops: EA1ACP, EA1AVX, EA1FRZ, EA1IIF, EB1BCG, EC1T)
EF3D	127,676	350	118	MSLP	19.6	(Ops: EA3AJU, EA3C, EA3DW, EA3GMT, EA3HLF, EA3T, EB3AM)
EA1RCG	8,100	92	45	MSLP	5.2	(Ops: EA1FPG, EA1FQT, EA4IDR)
Sweden						
SM5KQS (L)	42,772	181	74	SO-MIX-LP	10.8	
SD1A (SM1TDE, op) (L)	41,674	185	67	SO-MIX-HP	5.9	
SM3MLX (L)	1,344	43	16	SO-PH-LP	3.8	
SB6B (SM6USS, op) (L)	874	23	19	SO-PH-LP	1.8	
SHØLEK	440	21	11	SO-PH-LP	2.2	

SM3GSK	101,600	257	100	SO-CW-LP	12.3	
SM8T	81,776	280	76	SO-CW-HP	7.0	
SF6W (SM6EWB, op) (L)	58,760	228	65	SO-CW-LP	5.3	
SA2OLM (L)	52,432	228	58	SO-CW-LP	15.2	
SM7CIL	38,076	167	57	SO-CW-LP	6.1	
SC6O (SM6OEF, op)	22,560	122	47	SO-CW-LP	3.9	
SM5LW	17,372	102	43	SO-CW-LP	7.8	
SM5GLC	9,360	79	30	SO-CW-HP	2.0	
SM6IQD	7,540	70	29	SO-CW-LP	4.7	
SM6VVT	6,552	65	26	SO-CW-HP	2.9	
SM5Q	6,528	55	34	SO-CW-HP	2.2	
SM5MX (L)	2,320	31	20	SO-CW-LP	1.0	
SM6FGN	1,408	24	16	SO-CW-LP	1.5	
SM5INC	516,082	785	193	SOU-MIX-HP	23.6	
SAØIAT	175,014	361	189	SOU-MIX-HP	13.1	
SMØD	7,326	73	33	SOU-MIX-HP	1.4	
SE6K (SM6FZO, op) (L)	3,268	49	19	SOU-MIX-LP	1.3	
8SØC (SMØMPV, op)	111,104	439	128	SOU-PH-HP	19.3	
8S8S (SA5TIA, op)	94,612	437	109	SOU-PH-HP	12.1	
SK6AW (SA6CBY, op)	29,008	196	74	SOU-PH-HP	9.6	
SE6C (SM6YRB, op)	14,848	128	58	SOU-PH-HP	10.8	
SD9D (SA7DNA, op)	6,972	83	42	SOU-PH-HP	3.9	
SA6P (SA6AVB, op)	1,008	37	14	SOU-PH-LP	3.0	
SM6M	294,276	542	137	SOU-CW-HP	8.6	
SM6F (SM6CUK, op) (L)	160,884	331	123	SOU-CW-LP	13.2	
SF1Z (SMØHEV, op) (L)	95,060	247	97	SOU-CW-HP	5.6	
SD6F	62,784	221	72	SOU-CW-LP	5.3	
SFØA (SMØLPO, op)	50,116	188	67	SOU-CW-QRP	6.2	
SE5E (SM5AJV, op)	46,720	148	80	SOU-CW-HP	2.1	
SC7DX (SM7GIB, op)	40,320	128	80	SOU-CW-HP	2.7	
SM3EAE	28,032	151	48	SOU-CW-LP	7.0	
SD3A (SM3FJF, op) (L)	20,640	122	43	SOU-CW-HP	6.0	
(L)	17,600	91	50	SOU-CW-LP	5.3	
SD6M (SA6BGR, op)	8,640	75	30	SOU-CW-HP	1.8	
SM7RYR (L)	1,736	31	14	SOU-CW-LP	2.3	
SM2GET (L)	624	13	13	SOU-CW-LP	2.2	
SJ2W	1,217,748	1,342	266	MSHP	25.6	(Ops: SM2LIY, SM2MTR, SM2WMV, SM2YIZ)
SKØQO	258,216	457	159	MSHP	20.6	(Ops: SAØCVK, SMØASB, SMØDSF, SMØFDO, SMØNUE, SM5OUU)
SK7K	64,272	314	103	MSHP	18.0	(Ops: SA7EMP, SA7LAK, SH7KLI, SH7MNH, SM7LXV)
Switzerland						
HB2Y (HB9TWY, op)	327,206	1,197	139	SO-PH-HP	18.2	
HB9TIH	38,704	240	82	SO-PH-HP	13.8	
HB9CEJ	1,344	29	24	SO-PH-HP	1.1	

HB9OAU/P (L)	50	5	5	SO-PH-LP	0.2	
HB9ARF	53,676	215	63	SO-CW-LP	7.1	
HB9AFH (L)	24,308	107	59	SO-CW-HP	6.2	
HB9DND (L)	7,056	67	28	SO-CW-LP	3.6	
HB9FAP	841,266	990	243	SOU-MIX-LP	27.3	
HB9CVQ	227,672	525	149	SOU-MIX-HP	9.9	
HB9IIH (L)	27,984	119	66	SOU-MIX-LP	6.7	
HB9HLM	147,000	601	125	SOU-PH-HP	21.3	
HB9EYP	23,380	168	70	SOU-PH-LP	5.5	
HB9IOB (L)	198	12	9	SOU-PH-LP	1.2	
HB9IJC	94,340	273	89	SOU-CW-HP	6.6	
HB9DHG	77,440	228	88	SOU-CW-LP	9.5	
HB9HTF	10,560	80	33	SOU-CW-LP	2.1	
HB9NE	1,148,092	1,437	269	MSHP	25.5	(Ops: HB9CAT, HB9DUR, HB9EOU)
HB2T	1,039,720	1,083	278	MSHP	24.3	(Ops: DF8DX, HB9ELV, HB9EMP)
HB9EI	4,392	56	36	MSHP	3.8	(Ops: HB9GFT, HB9HRG)
Ukraine						
UT4E	121,888	396	104	SO-MIX-HP	10.0	
UR5FIL (L)	102,588	298	103	SO-MIX-LP	14.6	
UT7EZ (L)	47,460	201	70	SO-MIX-LP	9.3	
US4EX	41,730	190	65	SO-MIX-HP	4.1	
UR5WIF (L)	26,040	118	62	SO-MIX-LP	11.1	
UT7CR	14,520	96	44	SO-MIX-HP	4.1	
UZ1U	8,932	82	29	SO-MIX-HP	4.2	
UTØUI (L)	3,120	62	26	SO-PH-LP	3.9	
UR4L (UR4LTX, op) (L)	131,712	394	84	SO-CW-LP	17.8	
US6EX	96,768	261	96	SO-CW-LP	8.1	
US8QQ (L)	66,928	178	94	SO-CW-HP	15.4	
US7IM (L)	52,224	199	68	SO-CW-HP	11.2	
UT3UZ (L)	48,840	189	66	SO-CW-LP	10.1	
UX1BZ (L)	39,192	146	69	SO-CW-LP	8.3	
US5VX	37,620	166	57	SO-CW-QRP	9.5	
UW3WF	30,096	135	57	SO-CW-LP	11.1	
UR7EC	28,224	149	48	SO-CW-LP	6.1	
UT4WA (L)	26,840	132	55	SO-CW-HP	8.6	
US1VM	24,108	150	41	SO-CW-QRP	8.4	
US3EW	18,060	129	35	SO-CW-QRP	4.8	
US7UT	16,536	110	39	SO-CW-LP	3.4	
UR5CC	14,964	88	43	SO-CW-LP	5.0	
UT4QM	13,440	98	35	SO-CW-LP	5.2	
UR6QS (L)	11,988	113	27	SO-CW-LP	8.8	
US7IB (L)	10,080	85	30	SO-CW-LP	4.6	
UT7ZM	8,120	75	29	SO-CW-HP	5.1	
UR3QNV (L)	4,968	56	23	SO-CW-LP	2.4	

UR5EJ	4,452	57	21	SO-CW-HP	2.1	
US7UC (L)	4,224	49	22	SO-CW-LP	4.4	
UX8IX (L)	3,672	54	17	SO-CW-QRP	3.2	
UY3AW	2,040	33	17	SO-CW-LP	1.6	
UR5TGK	1,520	20	19	SO-CW-LP	1.3	
UR1YAA	540	15	9	SO-CW-LP	0.8	
UR7VA (L)	384	17	6	SO-CW-LP	1.7	
UW5Y (US2YW, op)	676,370	834	239	SOU-MIX-HP	11.6	
UZ2M (UW5Y, op) (L)	285,780	480	165	SOU-MIX-LP	17.9	
UT6UD	166,992	319	142	SOU-MIX-HP	15.6	
UR5ECW (L)	107,610	404	85	SOU-MIX-HP	7.1	
UR1UU	73,968	227	92	SOU-MIX-LP	8.6	
EMØF (L)	14,276	95	43	SOU-MIX-LP	2.0	
UT1FT (L)	9,152	58	44	SOU-MIX-LP	1.9	
UR4QFP	8,436	84	37	SOU-MIX-LP	7.5	
UZ7C (UT9CZ, op)	137,540	609	115	SOU-PH-HP	12.8	
UT8EU (L)	172,260	505	87	SOU-CW-LP	15.0	
UT7W (UR5WCW, op) (L)	162,432	376	108	SOU-CW-HP	17.1	
UR2Y (USØYW, op) (L)	104,832	253	104	SOU-CW-QRP	8.2	
UT2UB (L)	99,600	307	83	SOU-CW-HP	10.8	
UW5IM	86,240	287	77	SOU-CW-LP	8.8	
UY5LW (L)	82,000	255	82	SOU-CW-QRP	17.0	
UR5R (UTØRM, op)	81,760	282	73	SOU-CW-HP	6.3	
UW5U (UY2UA, op) (L)	56,280	217	67	SOU-CW-LP	8.4	
UX1VT (L)	48,384	217	56	SOU-CW-LP	10.0	
UW2U (UR8UQ, op)	42,880	137	80	SOU-CW-HP	3.6	
UW5ZM	40,128	153	66	SOU-CW-QRP	6.7	
UX1CL	28,496	143	52	SOU-CW-LP	6.8	
UX7UU	28,380	168	43	SOU-CW-LP	12.1	
UR3QX (L)	13,872	105	34	SOU-CW-HP	5.9	
UT1AA	12,648	105	31	SOU-CW-LP	1.5	
UW7CN	12,600	93	35	SOU-CW-QRP	6.7	
UT8LU (L)	7,168	67	28	SOU-CW-LP	4.9	
UT5PY	2,736	36	19	SOU-CW-QRP	2.7	
US5WBJ	468	13	9	SOU-CW-HP	0.6	
UW7Q	47,450	202	73	MSHP	13.5	(Ops: UR3QNV, UR6QV, US7QV, UT1QR, UT3QU)
Wales						
MWØYVK	141,540	686	105	SO-PH-HP	12.0	
MW7FON (L)	18,972	158	62	SO-PH-QRP	7.6	
GW7YLS (L)	4,440	75	30	SO-PH-LP	4.9	
GW4J (GWØETF, op) (L)	203,056	522	98	SO-CW-HP	9.9	
GW4TSG (L)	832	16	13	SO-CW-LP	1.2	
GW5GDP (L)	9,048	78	58	SOU-PH-LP	7.4	
MW2I (G4FRE, op)	530,112	1,029	132	SOU-CW-HP	16.6	

GW4W (GW4EVX, op) (L)	73,312	233	79	SOU-CW-LP	11.7	
Call	Score	QSOs	Mults	Category	On-time	Operator(s) and/or Host
North America						
Alaska						
AL7LO	98,940	294	97	SO-MIX-HP	8.6	
KL7P (L)	5,704	52	31	SO-MIX-LP	2.5	
KL1JP	312	14	13	SO-MIX-LP	0.4	
KL7KK	2,688	50	28	SO-PH-QRP	2.7	
AL1G	81,184	352	59	SO-CW-HP	4.3	
KL7AC	15,096	104	37	SO-CW-LP	1.9	
AL7JX (L)	1,824	28	19	SO-CW-LP	3.3	
KL5NE	18,290	158	59	SOU-PH-HP	8.4	
KL7IWC	11,008	135	43	SOU-PH-LP	8.7	
Barbados						
8P5A	1,997,752	3,183	158	SO-CW-HP	30.6	
Belize						
V31MA	23,790	197	61	SO-PH-HP	1.2	
Bermuda						
VP9I (N2BA, op)	1,029,000	1,759	147	SOU-CW-LP	24.3	
Cayman Islands						
ZF2OO	67,048	496	68	SO-PH-LP	4.3	
ZF5T (ZF9CW, op)	1,384,600	2,170	161	SOU-CW-LP	26.8	
ZF2SS	1,209,000	1,978	155	SOU-CW-HP	19.0	
Costa Rica						
TI8X (N7ZG, op)	1,353,210	1,971	215	SO-MIX-HP	25.5	
TI1T	578,400	1,979	150	SO-PH-HP	25.2	
TI1I	137,072	709	104	SO-PH-LP	16.4	
TI5RTZ	33,400	338	50	SO-PH-LP	8.2	
TI1L	12,584	123	52	SO-PH-LP	12.0	
TI2KI	10,148	118	43	SO-PH-LP	6.0	
TI2JAB	9,450	110	45	SO-PH-LP	12.1	
TI2LCO	3,726	83	23	SO-PH-QRP	4.6	
TI2ASM	3,276	69	26	SO-PH-LP	5.8	
TI1P (TI3DK, op)	528	25	11	SO-PH-LP	1.0	
TI2OY	224,220	576	101	SO-CW-LP	17.8	
TI2MOT	45,854	201	101	SOU-MIX-LP	11.0	
TI1K (TI5CDA, op)	787,050	2,402	165	SOU-PH-HP	28.8	
TI2WM	107,696	512	106	SOU-PH-LP	19.4	
TI1M (TI3ATS, op)	27,300	187	78	SOU-PH-LP	9.8	
TI5FSP	1,872	52	18	SOU-PH-QRP	4.0	
TI3JVH	440	23	10	SOU-PH-LP	2.8	
Cuba						

CO8ZZ	465,684	1,038	151	SO-MIX-LP	9.4	
CM2JR	109,040	602	94	SO-PH-LP	17.1	
CO6HZ	27,540	270	54	SO-PH-LP	11.4	
CM2TS	4,452	56	42	SO-PH-LP	5.2	
CO3JAC (L)	480	16	15	SO-PH-LP	2.0	
CM8HEA (Y)	384	16	12	SO-PH-LP	1.4	
CO2JD (L)	171,948	487	89	SO-CW-LP	16.6	
CO2AN	119,584	411	74	SO-CW-LP	6.9	
CO2QU	107,140	502	110	SOU-PH-LP	22.4	
Dominica						
J79WTA	163,770	807	103	SO-PH-HP	9.9	
Dominican Republic						
HI3SD	240,084	1,079	117	SO-PH-HP	21.6	
HI3/DL4SDW	104,632	326	82	SOU-CW-HP	9.1	
HI3LT	427,302	1,800	123	MSHP	23.6	(Ops: HI3K, HI3RRR, HI6M)
Guadeloupe						
FG5GP	212,960	886	121	SO-PH-LP	19.6	
Jamaica						
6Y5PW	170,912	791	109	SOU-PH-LP	14.9	
Martinique						
FM5BH	2,154,362	2,872	259	SO-MIX-HP	28.1	
Montserrat						
VP2MAA (L)	907,042	1,415	199	SO-MIX-LP	28.7	
Panama						
HP1XV	400,112	1,509	136	SO-PH-HP	27.4	
HP1ELV	11,970	144	45	SO-PH-HP	14.5	
HP1CKO	12	3	2	SO-PH-HP	0.2	
HP1IBF	17,072	104	44	SO-CW-LP	7.1	
Puerto Rico						
NP4VM	218,400	1,134	100	SO-PH-HP	13.0	
NP4ET	80,736	491	87	SO-PH-LP	9.8	
WP4RF	75,192	497	78	SO-PH-HP	5.6	
KP3BR (L)	8,736	119	39	SO-PH-LP	11.4	
WP3GW	7,200	101	36	SO-PH-LP	6.4	
WP4JD (L)	4,012	59	34	SO-PH-HP	4.1	
KP3L	704	22	16	SO-PH-LP	1.1	
NP3F	432	25	9	SO-PH-LP	1.6	
NP3A	1,106,164	2,140	131	SO-CW-LP	27.5	
WP4TZ	772,072	1,647	119	SO-CW-LP	28.3	
KP4JRS (L)	43,248	213	51	SO-CW-LP	1.9	
KP4WW	621,032	2,128	149	SOU-PH-HP	29.0	
KP3W	149,640	445	86	SOU-CW-LP	10.2	
KP4AA	4,068,666	3,909	343	MSHP	34.7	(Ops: KL2A, KP4AA, NN3W)

KP4NZ	1,099,696	1,930	221	MSLP	24.1	(Ops: KP4PUA, WØEAS)
Saint Martin						
FS5GL (L)	165,984	924	91	SO-PH-HP	12.8	
FS/IK2GWH (L)	140,352	526	68	SO-CW-LP	8.1	
FS4WBS	35,380	308	58	SOU-PH-HP	1.4	
Saint Pierre & Miquelon						
FP5AC	101,964	598	87	SO-PH-LP	11.2	
St. Vincent						
J88IH (L)	79,380	475	90	SOU-PH-LP	20.4	
United Nations HQ						
4U1UN (KO8SCA, op)	237,184	548	109	SO-CW-LP	7.7	
US Virgin Islands						
NP2X (K9VV, op)	147,576	957	78	SO-PH-HP	4.1	
WP2SC	418	20	11	SO-PH-LP	0.9	
KP2B (WP3A, op)	1,163,280	2,247	131	SO-CW-LP	28.8	
KP2M (KT3Y, op)	901,016	1,690	134	SO-CW-HP	12.5	
Call	Score	QSOs	Mults	Category	On-time	Operator(s) and/or Host
Oceania						
Australia						
VL3E	29,120	123	65	SO-MIX-HP	4.7	
VL2Y (VK2EZF, op)	27,608	130	58	SO-MIX-LP	14.2	
VJ2X (VK2XZ, op)	216,144	960	114	SO-PH-HP	14.9	
VK2CZ	42,656	256	86	SO-PH-LP	10.7	
VJ2Z	11,008	130	43	SO-PH-HP	5.3	
VK4SP	560	20	14	SO-PH-LP	1.7	
VK2WW	540	28	10	SO-PH-LP	3.3	
VK4Y	198	12	9	SO-PH-LP	0.8	
VK7C	50	5	5	SO-PH-HP	0.1	
VK3AIK	8	2	2	SO-PH-LP	0.4	
VK5DU (L)	8	2	2	SO-PH-LP	0.0	
VK1A (VK2IA, op)	689,892	1,346	129	SO-CW-LP	33.0	
VK2PN	179,416	564	82	SO-CW-HP	11.2	
VK2IG	65,832	215	78	SO-CW-LP	13.3	
VK4J	16,968	110	42	SO-CW-HP	8.3	
VJ3A (VK3JA, op)	14,592	152	24	SO-CW-HP	4.9	
VK6T (VK6LW, op)	2,208	47	12	SO-CW-QRP	2.8	
VK4LAT (L)	11,832	96	51	SOU-MIX-HP	5.8	
VK5TOM (L)	638	18	11	SOU-MIX-LP	1.8	
VJ2W	18,632	139	68	SOU-PH-HP	12.1	
VL2B (VK2BJ, op)	39,772	165	61	SOU-CW-HP	5.2	
VK4NOW (VK4DX, op)	2,736	36	19	SOU-CW-QRP	2.0	
VK4DRK	1,200	20	15	SOU-CW-LP	2.6	

VL4A	409,488	885	152	MSHP	26.8	(Ops: VK4BLE, VK4DLP)
VK2GGC	110,032	535	104	MSHP	10.7	(Ops: VK2HFP, VK2MOR, VK2NA, VK2PV, VK2SD, VK2XGB, VK2ZG)
East Malaysia						
9M6IZZ	2,808	123	12	SO-PH-LP	5.0	
9M6MUL	18	3	3	SO-PH-LP	0.1	
9W6WOT (L)	12	3	2	SO-PH-LP	0.3	
Hawaii						
NH6XO	5,400	90	30	SO-PH-LP	4.1	
KH6CJJ	340,752	925	93	SO-CW-LP	15.9	
WH7T (WH7W, op)	228,228	747	77	SO-CW-HP	4.9	
AH6FC (L)	22,464	126	52	SO-CW-HP	5.8	
KH6TU (AD6E, op)	1,061,682	1,616	201	SOU-MIX-HP	15.8	
NH7C	192	17	6	SOU-PH-QRP	1.6	
AH6KO	961,440	2,012	120	SOU-CW-HP	26.3	
AH7RF	308	11	7	SOU-CW-QRP	0.3	
KH6AQ	533,088	1,250	108	MSHP	17.0	(Ops: KH6AQ, NH6V)
Indonesia						
YB3GEM	20,232	143	36	SO-MIX-LP	6.3	
YBØNSI (L)	5,628	88	21	SO-MIX-LP	4.6	
YB1RKT (L)	4,896	64	24	SO-MIX-LP	5.4	
YD6ROA (L)	180	8	6	SO-MIX-QRP	0.8	
YE3FBV	150	8	5	SO-MIX-LP	1.0	
YB3VID	2	1	1	SO-MIX-LP	0.0	
YD1SHY	13,720	145	49	SO-PH-LP	11.3	
YB5DDE	11,928	144	42	SO-PH-HP	10.0	
YC8BUL (L) (Y)	5,580	201	15	SO-PH-LP	9.7	
YB1AAE	2,184	44	26	SO-PH-LP	4.9	
YD1SKA	1,344	32	21	SO-PH-LP	2.2	
YC5SBW	1,156	37	17	SO-PH-LP	4.2	
YB5TEB (L)	616	29	11	SO-PH-HP	4.1	
YC1RJL (L)	600	29	12	SO-PH-HP	3.9	
YB5NBY (L)	300	16	10	SO-PH-LP	1.4	
YC5NTP (L)	256	18	8	SO-PH-LP	3.0	
YB3RPS (L)	252	21	6	SO-PH-LP	1.7	
YB8AO	220	22	5	SO-PH-LP	1.2	
YD2UNY (Y)	150	15	5	SO-PH-LP	1.7	
YB3LIT	144	9	8	SO-PH-LP	0.9	
YE5NCQ	144	12	6	SO-PH-LP	1.8	
YB1CYO	140	16	5	SO-PH-LP	1.3	
YC7UDD	140	14	5	SO-PH-LP	1.0	
YB5NVE	128	16	4	SO-PH-LP	1.8	
YCØASO (L)	70	7	5	SO-PH-LP	1.2	
YD1CDO	42	7	3	SO-PH-LP	1.0	

YDØBRL	30	5	3	SO-PH-LP	0.1	
YD1KZZ	24	6	2	SO-PH-LP	0.8	
YC1SEO	20	5	2	SO-PH-LP	0.5	
YB5SLA	12	3	2	SO-PH-LP	0.1	
YD1CLD	12	4	2	SO-PH-LP	0.1	
YB3TLP (L)	8	2	2	SO-PH-LP	0.0	
YCØBHZ	6	3	1	SO-PH-QRP	0.1	
YB2ECG	4	2	2	SO-PH-LP	0.1	
YE4IJ	14,520	125	30	SO-CW-LP	9.0	
YB8UF	8,568	136	18	SO-CW-LP	5.4	
YB1RYX	6,992	78	23	SO-CW-LP	7.7	
YB7YGR	6,600	67	25	SO-CW-LP	3.8	
YC2DAB	720	23	10	SO-CW-LP	2.6	
YD5AYP (L)	384	20	8	SO-CW-QRP	3.2	
YB9ELS	11,914	89	37	SOU-MIX-LP	7.9	
YB1CMZ	5,676	52	33	SOU-MIX-HP	6.1	
YE3AJJ	182	7	7	SOU-MIX-LP	0.4	
YC1AIY	24	7	2	SOU-PH-LP	0.7	
YD1CNG	24	6	2	SOU-PH-LP	0.2	
YF1AQQ	16	5	2	SOU-PH-LP	0.6	
YB1AAW	12	4	2	SOU-PH-LP	0.2	
YE1GXQ	65,280	327	51	SOU-CW-HP	12.0	
YB1UUN	27,360	172	40	SOU-CW-HP	11.3	
YB2IQ	15,744	168	24	SOU-CW-HP	7.3	
YBØECT	15,456	168	23	SOU-CW-LP	5.0	
YB1HR	13,952	111	32	SOU-CW-LP	10.2	
YB1DOL	9,312	99	24	SOU-CW-HP	4.6	
YF3ARN (L)	2,856	42	17	SOU-CW-LP	2.4	
YD1FRU (L)	2,704	54	13	SOU-CW-QRP	4.2	
YD2UWF (Y)	1,296	28	12	SOU-CW-LP	3.3	
YB8UTI (L)	504	22	6	SOU-CW-HP	0.8	
YF3AQV (L)	16	2	2	SOU-CW-LP	0.2	
7I1I	14,016	164	32	MSHP	9.7	(Ops: YB1RET, YB1RQX, YB1TS, YC1RBY, YC1RGK)
Marshall Islands						
V73KW	137,214	429	81	SO-MIX-LP	8.4	
New Caledonia						
FK8IK	667,164	1,157	159	SO-MIX-HP	13.9	
FK8GM (L)	64,408	396	83	SO-PH-LP	8.1	
New Zealand						
ZM4T (ZL3IO, op)	663,168	1,094	176	SO-MIX-HP	14.3	
ZL4CZ	6,232	79	41	SO-PH-LP	7.2	
ZL2GUN (Y)	4,224	67	32	SO-PH-LP	4.7	
ZL1XS	930	31	15	SO-PH-LP	2.5	
ZM3A (ZL3WW, op)	318,160	829	97	SO-CW-LP	20.0	

LT6T (LU7HN, op)	1,071,448	1,476	212	SO-MIX-HP	21.6	
LU3BMS	279,680	628	190	SO-MIX-HP	18.0	
LU5EGN	68,376	248	111	SO-MIX-LP	20.9	
LU1VM	127,050	625	105	SO-PH-HP	13.7	
AZ6H (LU3HIP, op)	126,768	562	114	SO-PH-LP	23.0	
L71D	83,904	374	114	SO-PH-HP	16.9	
LQ5A	79,386	397	101	SO-PH-HP	6.6	
LU3DK (L)	37,760	242	80	SO-PH-HP	5.4	
LU1VJC	31,390	222	73	SO-PH-LP	12.1	
LU4JEA	20,400	177	60	SO-PH-LP	7.6	
LU5LAE	14,824	112	68	SO-PH-LP	8.3	
LU4DPL	7,614	85	47	SO-PH-LP	5.4	
LT1K (LU6KA, op) (L)	4,480	72	32	SO-PH-LP	5.2	
LU2FTI (L)	3,564	55	33	SO-PH-LP	7.8	
LU7FMC (L)	3,196	50	34	SO-PH-LP	5.7	
LQ5H	2,916	55	27	SO-PH-QRP	1.2	
LU5FYD	2,460	42	30	SO-PH-LP	3.8	
LU3EMN	408	22	17	SO-PH-LP	1.5	
LU9IMM (L)	40	5	4	SO-PH-LP	1.6	
LV7H (LU1HO, op)	4	3	2	SO-PH-QRP	0.6	
LU2VTH	2	1	1	SO-PH-LP	0.0	
LW1D (LW1EUD, op)	150,880	485	82	SO-CW-HP	9.2	
AZ1A (LU1AW, op)	145,440	314	120	SO-CW-LP	10.8	
LU4HK	134,464	386	88	SO-CW-LP	11.7	
LU9GBR	127,624	379	86	SO-CW-LP	18.5	
L33M (LU3MAM, op)	46,168	200	58	SO-CW-HP	2.3	
LW9EKA	37,788	151	67	SO-CW-QRP	8.1	
LT4E (LU5DF, op)	36,180	141	67	SO-CW-QRP	5.3	
LU9OZA	2,728	34	22	SO-CW-LP	3.7	
LU6ETB	324	9	9	SO-CW-LP	0.6	
LW2DHD	705,584	1,105	211	SOU-MIX-HP	27.8	
LU3WC	662,634	1,129	189	SOU-MIX-HP	16.0	
LU5EA	635,634	907	237	SOU-MIX-HP	31.2	
LT7L (LU9LZR, op)	173,502	482	153	SOU-MIX-LP	23.4	
LU1AEE	164,088	374	129	SOU-MIX-LP	14.0	
LP1H (LU5HM, op)	1,134,828	3,311	174	SOU-PH-HP	32.6	
AZ1D (LU4DJB, op)	900,144	2,715	171	SOU-PH-HP	32.9	
LU7YZ	252,518	1,122	119	SOU-PH-HP	12.6	
LO7H (LU7HW, op)	156,500	637	125	SOU-PH-LP	11.9	
LW3EK	125,040	532	120	SOU-PH-HP	26.8	
L77D (LU6DC, op)	84,728	361	119	SOU-PH-LP	18.2	
LT7F (LU6FOV, op)	76,544	371	104	SOU-PH-LP	8.1	
LU1BJW	25,112	176	73	SOU-PH-HP	4.1	
LU7YE	20,368	156	67	SOU-PH-HP	5.0	

LU1EHX (L)	13,566	123	57	SOU-PH-LP	5.8	
LU9EAE	7,308	88	42	SOU-PH-LP	9.5	
LU7DV	3,480	62	29	SOU-PH-LP	5.1	
LW5EAE	3,392	54	32	SOU-PH-LP	4.4	
LS5H (LW5HR, op)	798,304	1,329	152	SOU-CW-HP	23.7	
LU1HLH	463,120	842	140	SOU-CW-HP	18.7	
LT7D (LU7DZ, op)	297,000	611	125	SOU-CW-QRP	22.8	
LU7HF	270,436	797	97	SOU-CW-LP	20.4	
LW4DYI	159,576	373	109	SOU-CW-LP	6.7	
LU2DGZ (L)	27,604	109	67	SOU-CW-LP	7.9	
LT3E	2,186,180	2,383	281	MSHP	36.0	(Ops: LU2DUV, LW3DG, LW8DQ)
LS2D	1,291,212	1,679	267	MSLP	32.4	(Ops: LU1DK, LU2DD, LU5DF, LW2DO)
LU8YE	841,320	1,230	228	MSHP	27.4	(Ops: LU2YNT, LU7VHC, LU7YS, LU7YW, LU7YWC, LU8YCA)
AY3W	446,176	873	191	MSLP	28.4	(Ops: LU1WFM, LU1XMO, LU2WJV, LU4WBH, LU5WA, LU9WE, LU9WT)
LV1D	373,464	952	182	MSHP	23.7	(Ops: LU1CHY, LU3DDH, LU7DW, LW7DQW)
LT5H	337,900	1,095	155	MSHP	29.4	(Ops: CO2KR, LU2HC, LU2HI, LU2HYL, LU3HL, LU3HYV, LU8HPA, LW4HCL)
L75M	83,808	447	97	MSLP	13.4	(Ops: LU1MAX, LU3MSP, LU7MCR, LU7MOT, LU7MT, LU8MLM, LU9MRP)
LT5D	9,152	99	52	MSHP	6.2	(Ops: LU2DT, LW2EKY, LW7ELM)
Bonaire						
PJ4PA (W4PA, op)	594,944	994	166	SO-MIX-HP	9.3	
PJ4DX	114,030	556	105	SO-PH-HP	12.0	
PJ4W	372,940	1,214	145	MSHP	12.9	(Ops: AG3I, N4ML, NQ1R, W1BXY)
Brazil						
ZX2X (PY2WB, op)	141,792	390	112	SO-MIX-LP	8.2	
PY1VOY	140,392	341	109	SO-MIX-LP	6.7	
PY2NY	125,902	301	119	SO-MIX-QRP	18.1	
PU3POE	120,258	296	153	SO-MIX-LP	20.4	
PP5RB	119,610	280	135	SO-MIX-HP	13.6	
PY4KU	100,392	292	89	SO-MIX-HP	9.3	
PV8DX	60,028	215	86	SO-MIX-HP	3.6	
PY2CP (L)	48,960	204	96	SO-MIX-LP	11.0	
PP2CC (L)	25,688	123	76	SO-MIX-LP	5.6	
PP5AF (PP5IP, op)	24,992	166	71	SO-MIX-HP	5.3	
PY2MM (L)	23,146	156	71	SO-MIX-LP	9.8	
PU3VON (L)	18,396	104	63	SO-MIX-LP	10.0	
PY1TTN	14,278	117	59	SO-MIX-LP	6.2	
PY2EDB	5,676	78	33	SO-MIX-LP	9.1	
PT5I (PP5TI, op)	3,850	63	35	SO-MIX-LP	5.2	
PU2WNO	1,088	37	16	SO-MIX-LP	4.2	
PU3PET	832	27	16	SO-MIX-LP	2.5	
PP5JV (L)	520	21	13	SO-MIX-LP	1.2	

PU2TWZ	484	14	11	SO-MIX-QRP	1.4	
PU5IKE	80	10	8	SO-MIX-QRP	0.8	
PT5J (LU9ESD, op)	1,602,120	4,176	195	SO-PH-HP	32.1	
PX5X (PP5FB, op)	781,546	2,536	157	SO-PH-HP	29.7	
ZW2A (PY2MZ, op)	231,312	963	122	SO-PH-LP	23.7	
PY2HT	195,424	808	124	SO-PH-LP	18.2	
PY2CX	150,568	643	118	SO-PH-LP	20.8	
PU2UAF	114,294	472	129	SO-PH-QRP	19.5	
PY3PA	92,820	520	91	SO-PH-HP	9.3	
PY2DY	72,094	326	113	SO-PH-HP	8.9	
PY5FO	71,760	349	104	SO-PH-LP	15.3	
PU2USM (L)	61,568	298	104	SO-PH-LP	19.6	
PY2AD	50,764	262	98	SO-PH-LP	12.1	
PY2RFA	36,960	216	88	SO-PH-LP	15.4	
PY5MM	35,728	211	88	SO-PH-LP	13.6	
PY2BN	30,400	212	76	SO-PH-QRP	14.2	
ZZ5A	27,824	193	74	SO-PH-LP	8.3	
PY2MPF (L)	24,332	162	77	SO-PH-LP	19.7	
PW8AO	23,552	189	64	SO-PH-LP	14.2	
PY1JDX	22,044	170	66	SO-PH-LP	6.4	
PY2BZW (L)	20,196	159	66	SO-PH-LP	15.4	
PY1KW	16,124	146	58	SO-PH-LP	17.4	
PP5BJF	15,340	133	59	SO-PH-LP	16.6	
PU2MIW	14,592	117	64	SO-PH-LP	6.3	
PU2TDB	11,660	113	53	SO-PH-LP	11.4	
PU3MEB (L)	10,712	109	52	SO-PH-LP	7.1	
PY2SAA (L)	9,996	100	51	SO-PH-LP	7.7	
PU1VKG	8,010	93	45	SO-PH-LP	9.0	
PU3RIN (L)	7,396	88	43	SO-PH-LP	5.0	
PU2MGE (L)	7,224	87	42	SO-PH-LP	7.1	
PU2KNM (L)	7,200	82	45	SO-PH-LP	1.9	
PY1EZ (L)	5,880	84	35	SO-PH-LP	4.5	
PY6RL	5,832	122	27	SO-PH-HP	10.0	
PU2NOR	5,396	72	38	SO-PH-LP	6.1	
PU2UJB	5,200	68	40	SO-PH-LP	5.8	
PP5OF (L)	5,120	68	40	SO-PH-LP	6.2	
ZV4WDM (PU4FAR, op) (L)	4,440	60	37	SO-PH-LP	6.5	
PU1WTC (L)	3,782	65	31	SO-PH-LP	7.7	
PU3HCL	3,430	49	35	SO-PH-LP	3.3	
PP5WEB (L)	3,150	47	35	SO-PH-LP	3.9	
PY1RY (L)	2,760	46	30	SO-PH-HP	1.6	
PU1PRD	2,640	62	24	SO-PH-LP	4.5	
PU4ELT (L) (Y)	1,640	41	20	SO-PH-QRP	4.0	
PY2RMY (L)	1,632	37	24	SO-PH-QRP	3.6	

PU2PIC	1,584	37	22	SO-PH-LP	6.2	
PP5GP (L)	1,386	33	21	SO-PH-QRP	3.4	
PU5GDY	1,216	33	19	SO-PH-LP	2.9	
PU5SKW	972	27	18	SO-PH-LP	1.7	
PU5WMA	912	28	19	SO-PH-LP	1.1	
PU5ODE (L)	912	25	19	SO-PH-QRP	3.2	
PY2KG	816	24	17	SO-PH-LP	2.5	
PY2ZDU	800	27	16	SO-PH-LP	2.0	
PY2LHA	792	24	18	SO-PH-LP	1.2	
PU3NOL	576	26	12	SO-PH-LP	2.3	
PY2ASA	468	18	13	SO-PH-LP	1.7	
PY2OF	456	20	12	SO-PH-HP	1.2	
PU1AJN	308	16	11	SO-PH-LP	1.1	
PP5IN	286	13	11	SO-PH-LP	0.5	
PU2LFU	260	14	10	SO-PH-LP	1.6	
PU2VPD (L)	208	14	8	SO-PH-LP	2.9	
PY1SV (L)	180	18	6	SO-PH-LP	2.1	
PU2NZO	128	12	8	SO-PH-QRP	1.4	
PU9PED	126	10	7	SO-PH-LP	0.8	
PP5AMP (L)	96	8	6	SO-PH-LP	0.6	
PY1KJA (L)	84	8	7	SO-PH-LP	1.5	
PY2KY	84	7	6	SO-PH-LP	0.3	
PQ2HX	36	10	2	SO-PH-LP	0.9	
PY2TDB	30	5	3	SO-PH-QRP	0.7	
PY2SNX	318,792	728	111	SO-CW-HP	8.9	
ZW8T (PS8HF, op) (L)	311,888	823	101	SO-CW-LP	18.4	
ZZ1A	212,232	512	111	SO-CW-LP	24.9	
PY3XX	175,616	415	112	SO-CW-LP	21.0	
PY2OP	102,432	273	97	SO-CW-LP	10.8	
PY5VE	72,072	260	78	SO-CW-LP	11.1	
PP8ZAC (L)	57,672	182	81	SO-CW-LP	10.3	
PY4ARS	57,024	186	81	SO-CW-LP	10.6	
PY2AXH	35,112	162	57	SO-CW-LP	10.9	
PP5TG	33,040	141	59	SO-CW-LP	7.9	
PY4ZAG (L)	25,252	110	59	SO-CW-LP	13.0	
PY3IP	16,720	106	55	SO-CW-HP	12.1	
PP5BSD	7,680	53	40	SO-CW-LP	4.3	
PY7OJ	7,548	54	37	SO-CW-LP	4.2	
PY5AKW (L)	2,728	35	22	SO-CW-HP	1.3	
PY2CER (L)	1,152	22	18	SO-CW-QRP	2.0	
PY1FW	288	12	12	SO-CW-QRP	1.0	
PY3OZ	2,076,440	2,211	305	SOU-MIX-LP	34.1	
PW2K (PY2KNK, op)	1,813,332	2,327	274	SOU-MIX-HP	28.3	
ZZ2O (PY2EX, op)	1,759,628	2,360	274	SOU-MIX-HP	25.6	

PY5AMF	761,504	995	212	SOU-MIX-LP	18.4	
PY1AX	724,270	915	235	SOU-MIX-LP	29.4	
PY2RSA	561,700	885	205	SOU-MIX-LP	17.4	
PW2E (PY2ZEA, op)	429,604	815	134	SOU-MIX-HP	16.7	
PY5ZHP	360,672	576	204	SOU-MIX-HP	11.7	
PY4LH (L)	359,366	598	193	SOU-MIX-HP	20.4	
PY2QT	312,936	505	177	SOU-MIX-HP	17.8	
PY2KC	306,504	459	198	SOU-MIX-HP	8.6	
PT2AW	208,980	453	129	SOU-MIX-LP	13.2	
PY2PLL	171,720	349	135	SOU-MIX-QRP	19.3	
PY2GZ	91,700	254	131	SOU-MIX-HP	17.3	
PY2OZ	86,180	209	139	SOU-MIX-LP	11.2	
PY3TR	80,586	226	111	SOU-MIX-HP	19.2	
PY4LI	57,060	195	90	SOU-MIX-LP	13.0	
PY4WJ (L)	55,440	178	88	SOU-MIX-LP	12.5	
PY2XJ	44,820	236	90	SOU-MIX-LP	7.0	
PT2AP	29,016	119	78	SOU-MIX-HP	4.4	
PV8AJ	12,792	104	52	SOU-MIX-LP	9.4	
PS7MA (L)	8,448	84	33	SOU-MIX-LP	5.3	
PY2KO	6,820	63	31	SOU-MIX-LP	3.2	
PS2W	6,048	60	27	SOU-MIX-HP	1.6	
PY4DK	5,548	67	38	SOU-MIX-LP	4.1	
PU2XYS (L)	5,376	79	42	SOU-MIX-LP	10.9	
PY5IQ	3,536	47	34	SOU-MIX-LP	3.0	
PY4NF (L)	620	20	10	SOU-MIX-LP	2.7	
PY1LOB	80	8	4	SOU-MIX-LP	1.0	
PU2VLW	493,108	1,618	154	SOU-PH-LP	25.5	
PR2N (PY2MP, op)	492,656	1,530	164	SOU-PH-HP	27.4	
ZZ5K	456,330	1,474	159	SOU-PH-LP	29.5	
PP1WW	294,752	983	151	SOU-PH-LP	28.5	
PT1M (PY1PL, op)	235,470	854	141	SOU-PH-LP	22.3	
PU1JSV	190,816	723	134	SOU-PH-LP	17.1	
PY6HD	175,560	679	132	SOU-PH-HP	19.6	
ZW2T	92,208	469	102	SOU-PH-HP	8.7	
PR2W	65,340	337	99	SOU-PH-LP	10.1	
PY2RE (L)	63,630	317	101	SOU-PH-LP	12.8	
PU3EMK	53,328	275	101	SOU-PH-LP	16.5	
PU4JOE	51,264	269	96	SOU-PH-LP	18.8	
PY2BRP	41,888	248	88	SOU-PH-LP	10.3	
PY4BAL	41,850	231	93	SOU-PH-LP	10.4	
PY2VZ	41,008	236	88	SOU-PH-LP	6.4	
PY2ZR	23,896	207	58	SOU-PH-LP	3.6	
PY2KQ	21,456	151	72	SOU-PH-LP	8.9	
PY4LA	20,022	145	71	SOU-PH-LP	10.9	

PY4LR	17,628	116	78	SOU-PH-QRP	13.3	
PY5QW	11,368	99	58	SOU-PH-LP	4.0	
PT9TI (L)	10,944	101	57	SOU-PH-LP	5.3	
PY3RS	8,300	85	50	SOU-PH-LP	7.5	
PY1KG	8,178	90	47	SOU-PH-LP	6.6	
PU1KPS	7,802	87	47	SOU-PH-LP	5.2	
PY2UZ (L)	6,952	80	44	SOU-PH-LP	6.8	
PP2CS (L)	6,936	104	34	SOU-PH-LP	9.8	
PU5MFI (L)	6,750	78	45	SOU-PH-LP	9.3	
PU2OXB	6,480	83	40	SOU-PH-LP	6.9	
PY3VV	5,980	73	46	SOU-PH-LP	5.6	
PY2RAF (L)	5,846	83	37	SOU-PH-LP	7.7	
PY2DV	5,676	68	43	SOU-PH-HP	2.0	
PU2LJH	5,576	69	41	SOU-PH-LP	4.6	
PP5KW	5,070	67	39	SOU-PH-HP	1.7	
PU2UOL	4,080	69	30	SOU-PH-LP	7.6	
PU3GFM	2,320	47	29	SOU-PH-LP	5.0	
PY3ML (L)	2,016	39	28	SOU-PH-LP	2.0	
PR7KG (L)	1,350	54	15	SOU-PH-LP	4.2	
PY3BF (L)	1,040	27	20	SOU-PH-LP	2.9	
PY7GB	810	27	15	SOU-PH-LP	2.3	
PY3AN	768	30	16	SOU-PH-LP	3.0	
PU2ORS	672	22	16	SOU-PH-LP	1.4	
PY5DP (L)	660	24	15	SOU-PH-LP	3.8	
PU5DFR (L)	468	18	13	SOU-PH-LP	2.1	
PY1CD	216	12	9	SOU-PH-HP	0.7	
PU1DFA (L)	144	13	8	SOU-PH-LP	1.7	
PY2NA	477,504	842	144	SOU-CW-HP	11.9	
PY2XL	369,984	761	123	SOU-CW-LP	22.9	
PY2EL	284,544	660	114	SOU-CW-HP	17.1	
PY3TD	258,552	572	114	SOU-CW-HP	19.7	
PY2UDB (L)	220,848	433	129	SOU-CW-LP	16.6	
PV5N (L)	161,796	438	97	SOU-CW-LP	13.0	
PY2XC	106,260	270	105	SOU-CW-LP	13.6	
PY1WW	103,208	275	97	SOU-CW-LP	14.1	
PY1KO	101,568	279	92	SOU-CW-LP	9.1	
PY4XX	83,776	279	77	SOU-CW-LP	6.0	
PY2IQ	81,432	242	87	SOU-CW-LP	7.4	
PX1C (PY1JR, op) (L)	71,832	221	82	SOU-CW-LP	14.6	
PY2HA (L)	71,340	209	87	SOU-CW-LP	15.1	
PY2ZA (L)	69,536	218	82	SOU-CW-LP	11.8	
PY1XW (L)	65,536	259	64	SOU-CW-LP	14.6	
PT9DX	65,124	203	81	SOU-CW-LP	7.6	
PP2FRS	56,000	208	70	SOU-CW-LP	7.5	

PY5CV	45,792	161	72	SOU-CW-LP	11.1	
PY2DN (L)	29,972	136	59	SOU-CW-LP	5.8	
PY2EBD	27,608	123	58	SOU-CW-HP	9.8	
PV2I	26,432	117	59	SOU-CW-LP	6.0	
PY2ZMN	24,864	115	56	SOU-CW-LP	12.1	
PY2WMW	24,480	104	60	SOU-CW-LP	4.0	
PY2BZZ (PP7ZZ, op) (L)	20,952	101	54	SOU-CW-LP	8.0	
PY1DI (L)	16,660	103	49	SOU-CW-LP	12.0	
ZY2T (PY2SFA, op) (L)	14,792	87	43	SOU-CW-LP	8.5	
PY2WC	14,688	78	51	SOU-CW-LP	3.8	
PY2YJ	9,240	57	42	SOU-CW-LP	5.9	
PY5IN	8,120	58	35	SOU-CW-LP	2.6	
PY2FRQ	7,420	53	35	SOU-CW-LP	1.6	
PY2AE (L)	2,816	33	22	SOU-CW-HP	0.8	
PY3RK	2,392	26	23	SOU-CW-QRP	1.2	
PY6TS	1,024	18	16	SOU-CW-HP	0.8	
PY2RX	288	9	8	SOU-CW-LP	0.3	
PR1T	2,659,230	2,879	315	MSHP	36.0	(Ops: PY1DK, PY1FI, PY1KV, PY1LU, PY1MK, PY1RI, PY1ZV)
PX2U	91,560	446	109	MSLP	26.4	(Ops: PU2NKT, PU2SXE, PY2UJT, PY2YVN, PY2ZW)
PY3ZL	12,870	113	65	MSHP	11.4	(Ops: PY3EW, PY3ZL)
PY3AA	468	19	13	MSLP	2.5	(Ops: PU3CKB, PU3CSD, PY3KIM)
PR7SI	320	22	10	MSLP	2.3	(Ops: PR7KSA, PR7PP, PR7RBA, PU7EEJ, PU7FPD, PU7GRD, PU7HDF)
PV8AA	280	18	10	MSLP	1.0	(Ops: PV8DR, PV8DX, PV8GS)
PY2ERA	242	16	11	MSHP	1.4	(Ops: PU2OQB, PY2ZEA)
Chile						
CE4JZO	88,088	494	91	SO-MIX-LP	9.2	
XR7T (CE7VP, op)	431,424	1,527	144	SO-PH-HP	25.4	
CE4PS	354,748	1,367	131	SO-PH-HP	18.2	
CB6LR (CE6GDR, op)	223,600	878	130	SO-PH-LP	26.5	
CB8E	173,360	800	110	SO-PH-HP	11.6	
CE2LE (L)	127,988	668	98	SO-PH-HP	11.3	
CB4A (CE4UFC, op)	56,672	311	92	SO-PH-HP	11.4	
CE1WY	50,286	294	87	SO-PH-LP	15.8	
CE2LK	38,192	257	77	SO-PH-LP	15.9	
CE1KR (L)	27,604	207	67	SO-PH-LP	14.3	
XQ1CY	22,080	192	60	SO-PH-HP	8.2	
CE4JC (L)	18,480	149	66	SO-PH-LP	11.0	
CA6OHG	15,500	128	62	SO-PH-LP	8.8	
CD3NEB (L)	2,862	54	27	SO-PH-LP	5.7	
CE3PT	2,610	48	29	SO-PH-LP	2.1	
CE7BV	2,576	48	28	SO-PH-LP	5.2	
CA2HFW (L)	2,484	57	23	SO-PH-LP	7.7	
CB3DX (CE3SJM, op)	1,980	56	18	SO-PH-LP	4.4	

CE7RPV (CE7BV, op)	96	8	6	SO-PH-LP	0.2	
CE7JPA	90	10	5	SO-PH-LP	0.8	
CE3/N5NU	37,152	172	54	SO-CW-LP	3.3	
CE6VMO (L)	2,668	38	23	SO-CW-LP	4.5	
XQ3WD	901,000	1,213	212	SOU-MIX-LP	30.4	
CE4KS	466,470	922	213	SOU-MIX-LP	23.1	
CB4K	345,720	966	172	SOU-MIX-LP	25.7	
CB3A (XQ3SK, op)	240,516	447	153	SOU-MIX-QRP	21.3	
CA4OMQ	148,288	371	112	SOU-MIX-LP	11.9	
CB1V (CE1WGM, op)	53,940	208	87	SOU-MIX-LP	11.2	
CA6SNT	96,820	482	103	SOU-PH-LP	16.7	
CA1NPK	39,044	229	86	SOU-PH-LP	16.0	
CE2II	35,140	262	70	SOU-PH-LP	6.9	
CA8CEU	7,392	83	48	SOU-PH-LP	9.2	
XQ2OP (L)	43,520	164	68	SOU-CW-LP	7.0	
CB1D	560,700	846	178	MSLP	21.8	(Ops: XQ1FM, XQ4CW)
CE2PQ	26,270	204	71	MSLP	13.2	(Ops: CA2EBM, CA2OGG, CD2BXN, XQ2JL)
Colombia						
HK3EA	292,734	1,059	139	SO-PH-LP	23.1	
HK3C	147,250	783	95	SO-PH-HP	7.9	
HJ3KOS (L)	32,234	229	71	SO-PH-LP	18.0	
HK4ZZ (L)	11,856	131	52	SO-PH-LP	10.2	
HJ5LVR	10,340	125	47	SO-PH-LP	19.7	
HK1J	8,970	119	39	SO-PH-QRP	9.1	
HK3BIA (L)	6,624	108	46	SO-PH-LP	8.4	
HK1PLA	4,940	68	38	SO-PH-LP	6.4	
HJ4CL (L)	4,928	91	28	SO-PH-LP	9.5	
HK3ESF	3,468	59	34	SO-PH-LP	3.5	
HK6M	3,128	55	34	SO-PH-QRP	4.6	
HK2EMJ	2,392	66	23	SO-PH-LP	7.6	
HJ8MEC	1,426	31	23	SO-PH-LP	4.9	
HJ3GNC	576	21	16	SO-PH-LP	2.5	
HJ2XNA (L)	392	17	14	SO-PH-LP	2.8	
HK2GTS	374	18	11	SO-PH-QRP	1.8	
HK1MW (L)	693,228	1,506	123	SO-CW-HP	24.9	
HJ4V	58,588	312	97	SOU-PH-LP	13.9	
HK4T (L)	12,838	138	49	SOU-PH-HP	13.1	
HJ6AZV	5,760	80	36	SOU-PH-LP	8.0	
HK4X (L)	1,638	39	21	SOU-PH-LP	3.5	
HK3WW	304	20	8	SOU-PH-LP	1.7	
HK1NA	3,181,056	3,646	304	MSHP	33.1	(Ops: HK1T, HK1X)
HK4LRM	24,708	189	71	MSLP	15.1	(Ops: HJ4CID, HJ4DB, HJ4EDY, HK4DMD, HK4Q, HK4Y)
Curacao						
PJ2A (PJ2SG, op @PJ2SG)	62,700	482	66	SO-PH-LP	5.4	

PJ2SG	11,040	118	48	SO-PH-LP	3.2	
PJ2T	2,960,958	3,370	273	MSHP	34.1	(Ops: K8ND, N7NR, WØCG, W4IPC)
Ecuador						
HC2PY	178,596	733	123	SO-PH-LP	12.8	
HC4ER	30,388	217	71	SOU-PH-LP	7.2	
HC2GRC	641,752	939	194	MSHP	15.6	(Ops: HC2AD, HC2AO, HC2AP, HC2DR, HC2FG, HC2TKV, HC2TMP, HC2TPX)
French Guiana						
FY5KE	5,083,440	3,954	354	MSHP	34.8	(Ops: F1HAR, F5HRY, F6FVY, FY5FY)
Paraguay						
ZP6SKY	29,008	208	74	SO-PH-LP	9.0	
ZP6TT (L)	1,470	36	21	SO-PH-LP	1.8	
Peru						
OA4SS	14,522	79	53	SO-MIX-LP	7.4	
OA4EFA	1,160	31	20	SO-PH-LP	3.4	
OA4DKN	86,424	285	78	SO-CW-LP	6.1	
Suriname						
PZ5TW (PY8WW, op) (L)	40,432	273	76	SOU-PH-LP	7.4	
Trinidad & Tobago						
9Z4CT	118,972	628	98	SO-PH-LP	18.8	
9Z4BM (N2TTA, op)	1,969,810	2,252	281	SOU-MIX-HP	26.8	
Uruguay						
CX1AR	268,200	924	149	SO-PH-HP	25.8	
CX1TF	7,840	85	49	SO-PH-LP	5.5	
CW5W (N5ZO, op)	4,424,944	3,956	347	SOU-MIX-HP	35.8	
CX2TQ	353,094	1,262	147	SOU-PH-HP	22.5	
CV6T (CX6TU, op)	295,902	982	153	SOU-PH-LP	22.9	
CV1R (CX1RK, op)	145,404	589	126	SOU-PH-HP	22.6	
CX2RA	55,600	288	100	SOU-PH-HP	15.9	
CW4C	21,140	158	70	SOU-PH-LP	16.8	
CX7RM	15,376	129	62	SOU-PH-HP	7.0	
CX4RL	3,220	48	35	SOU-PH-HP	3.0	
CX2AM	11,088	70	42	SOU-CW-LP	3.5	
CX5A	1,483,350	1,763	275	MSHP	30.4	(Ops: CX2ABC, CX5ACO, CX5ATZ, CX6DAP, CX9AU)
Venezuela						
YY5ALI	38,088	292	69	SO-MIX-LP	20.9	
YV5KG (L)	1,320	37	15	SO-MIX-LP	2.1	
YV6BXN (L)	4	2	2	SO-MIX-QRP	0.0	
YY4EBD	15,386	160	49	SO-PH-LP	11.5	
YV4RCT	3,520	104	20	SO-PH-LP	5.0	
YY5JGP	140	14	5	SO-PH-LP	1.4	
YY5DEA	72	6	6	SO-PH-LP	0.4	
YV8AD	145,512	396	94	SO-CW-LP	11.5	

YV5IAL	6,000	69	25	SO-CW-LP	7.9	
YV4ABR	9,632	66	43	SOU-MIX-LP	4.2	
4M5A (YV5RAB, op)	272,430	1,027	135	SOU-PH-LP	22.2	
YV5BRB	23,310	191	63	SOU-PH-LP	15.2	
YY5MFR (L)	21,080	171	62	SOU-PH-LP	18.5	
4M5B (YV5WL, op)	17,864	158	58	SOU-PH-LP	9.9	

Checklogs: 4M5DX, 5B4AOF, 9A9O, 9Y4M, BG2BFG, BG5CZD, CX2AQ, DD2CW, DF8TY, DF9XI, DG0KS, DG8VE, DJ4CW, DL1LOD, DL4KUG, DL5NO, DL6UD, DL7DZ, DL8ULF, DL9ZOG, DU1IC, EA1GT, EA1R, EA1UQ, EA3DMN, EA4AFP, EA6/CO8NMN, EA7I, F6CAX, HA5BMS, HA6NL, HK2COT, I2WIJ, II3O, IK1YDB, IK8NBE, IO3T, IO4X, IZ1KGK, IZ8EYP, JH1WOY, JI1AVY, JP1EHC, LA6YEA, LB5WB, LT5A, LU9JDZ, LW2DX, LY1CT, LY2A, LY2AX, LY2BNL, LY2CO, LY2SA, LZ1JZ, LZ1ND, LZ1UK, LZ1YF, LZ1ZJ, M0NJW, OK1AYU, OK1TVL, OK2HIJ, OZ6QE, PA3DZM, PA3I, PP2RON, R6DM, R8FT, R8TT, RA3VGS, RK3MXT, RM2A, RN2F, RN9N, RQ4F, RV3LO, RV9CX, SK5DB, SM5X, SP3JZI, SP7FCX, SV3TGL, TF3DC, TK5MH, UA3AGW, UA3EDQ, UB1Q, UB7L, UZ7E, VU2CDP, YL2TD, YL3PO, YO3LW, YO5ODT, YT4T, YU1BV.