

2024 CQ 160M CW Results

* Denotes Low Power

SINGLE OPERATOR

NORTH AMERICA

UNITED STATES

CONNECTICUT

K1KI	565,685	1162	57	58
W1WEF	254,748	791	54	38
W1HIS	94,171	326	43	34
W1EQ	68,608	342	41	23
*AJ1G	32,472	314	39	5
K1BUK	25,806	223	38	8
W1JQ	18,920	194	36	4
K1RIK	9,538	113	35	3
*W2TT	3,825	60	25	0

MAINE

*N1CGP	35,014	362	38	3
*W1LQ	25,388	218	36	8

MASSACHUSETTS

WK1O	165,584	533	45	34
K5ZD	47,141	267	38	21
*N1QY	31,392	279	39	9
N1MGO	23,280	196	38	10
*N1YL	3,144	58	24	0
*N1NN	2,592	60	18	0
*KU1N	1,602	34	18	0
*W1ER	1,426	24	22	1

NEW HAMPSHIRE

K1DG	135,000	416	42	33
*N1IX	39,668	340	38	9
*KN1H	25,823	205	40	9
*K8CN	990	27	15	0

RHODE ISLAND

W1XX	188,832	649	47	37
*AJ1DM	1,926	46	18	0

VERMONT

K1EP	294,294	839	53	45
*K1IB	7,696	130	26	0

NEW JERSEY

AF2F	64,800	437	49	11
W2OIB	39,843	280	44	13
WO2T	32,793	281	43	8
*NJ2OM	12,432	201	28	0

*W2EQ	6,882	95	30	1
*KD2EPM	6,775	119	25	0
*K2YG	2,128	50	19	0
*W2CG	60	6	5	0

NEW YORK

N5DX	664,734	1215	55	64
AB3CX	462,348	1029	55	53
N2YB	269,178	818	53	38
W2XL	265,701	760	54	39
N2MF	244,311	773	52	41
K2NV	161,250	636	53	33
N2RD	115,200	473	48	24
WS9M	82,810	401	47	23
*N2RI	31,080	335	37	3
*KO8SCA	23,135	287	35	0
W2QL	8,208	77	33	5
AA2GF	6,231	87	30	1
*N2JJ	4,070	79	22	0
*AC2OC	3,864	77	21	0
*W2CCC	2,860	50	22	0
*AC2FA	2,760	54	23	0

DELAWARE

AA1K	535,808	1148	55	57
*W3ASW	4,862	80	25	1

MARYLAND

*KD4D	257,748	834	54	40
K3TC	105,048	539	48	24
N3QE	90,405	590	52	11
NC3Y	57,112	396	45	14
*K3KU	50,470	450	44	5
*WA3EOQ	16,416	195	38	0
*KA3JNN	9,210	131	28	2
*K9ZU	7,830	111	29	1
K3GHH	6,989	104	29	0
W3RMO	6,048	81	31	1
*W3FA	3,151	58	23	0
*W2GG	207	10	9	0

PENNSYLVANIA

K3UL	231,849	663	52	41
W3TS	223,301	844	54	35
W3BGN	185,280	702	46	34
*N2EM	41,400	387	42	4
*WS3C	36,750	296	40	10
N3FCP	35,300	284	43	7
K3CY	35,282	338	42	4
AE3T	28,300	239	40	10
N3XZ	18,564	112	38	13
*K3ES	10,764	119	38	1
KX2A	8,711	121	30	1

*K3VZ	6,048	96	28	0
*N3LT	4,321	61	28	1
*WB3EML	3,586	68	22	0
*K3UA	1,024	29	16	0
*N3WR	444	14	12	0
NZ3M	145	1	0	5

ALABAMA

*W4RYW	15,136	147	41	3
*W5NZ	8,856	100	31	5
*AB4WL	380	16	10	0

FLORIDA

W1RCR	31,950	280	41	9
N4TB	29,380	236	42	10
N1ZZ	21,330	209	37	8
N4EK	10,912	151	29	3
*K8MR	9,731	106	31	6
*W4TJM	8,608	113	29	3
*N2YF	4,872	67	23	5
*WS7X	3,174	63	20	3
WX4G	2,580	46	15	5
*N4FP	1,003	25	15	2

GEORGIA

WF4W	40,924	346	46	6
AJ2Y	14,715	139	40	5
*AF4PX	8,534	111	32	2
*W4DWS	7,488	78	34	5
*AA4HG	6,014	85	31	0

KENTUCKY

WE5P	26,901	232	42	7
KD4EE	17,976	189	38	4
*KM4FO	6,916	118	26	0
AB4IQ	4,440	57	27	3

NORTH CAROLINA

N4XD	322,897	910	55	46
N4AF	141,332	517	52	37
N4YDU	60,451	402	48	13
N6NT	56,551	464	48	5
K4QPL	44,496	401	42	6
N4CW	29,960	318	37	3
*N2AWE	20,038	196	37	6
W1AJT	19,147	206	37	4
*N3CKI	12,738	168	30	3
*W4UEF	11,232	121	35	4
*W1CTN	8,228	104	32	2
*KA4JAM	8,060	112	31	0
*K3YDX	2,760	51	22	1
W4JFA	1,501	32	19	0

SOUTH CAROLINA

*K4FT	41,340	339	46	7
NN4SS	27,744	260	42	6
*WA4LDU	10,260	113	35	3

TENNESSEE

AJ6T	122,634	530	52	29
K0EJ	66,847	492	47	12
*N9TF	57,912	444	49	8
AA4DD	53,105	316	47	18
KM9P	52,808	394	46	10
*K1GU	48,048	402	46	6
W4DAN	37,485	337	45	4
W4NZ	24,528	250	35	7
W6UB	13,542	159	35	2
*N6MA	7,950	116	29	1
AF4T	6,512	66	32	5
*W5MMW	3,192	70	20	1

VIRGINIA

K3ZM	642,524	1206	55	61
W4CB	131,382	549	49	32
K0ZR	118,200	573	48	27
KG3V	66,900	404	43	17
K1EEE	47,892	391	40	12
*KR4V	22,660	221	38	6
K4ZW	20,622	203	37	5
N4DJ	20,313	249	37	0
*W4PJW	19,380	222	37	1
*K4OSO	19,074	253	32	1
*K2WK	18,216	168	38	6
*W4YE	14,742	155	39	3
*W4WWQ	14,516	153	32	6
*KB4CG	14,353	209	30	1
N2FT	12,617	147	36	1
N4QWF	10,608	140	32	2
*K4HQB	7,700	139	25	0
*WR4I	6,540	94	30	0
*KA4GFY	2,820	57	20	0

ARKANSAS

*WA5SOG	31,512	262	47	5
W5KI	11,193	130	39	0
*WB5BHS	3,094	55	25	1

LOUISIANA

K5KU	87,360	507	51	19
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MISSISSIPPI

*K5XU	12,636	152	37	2
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NEW MEXICO

N2IC	91,425	483	51	18
K5TA	44,072	339	49	7

OKLAHOMA

*N5XE	8,645	101	31	4
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TEXAS

K5GN	180,873	664	52	35
K5RX	167,301	693	52	35
*W0UO	89,355	529	53	16
K5WA	72,012	357	50	18
K5TR	45,430	275	47	12
*N5KWN	14,920	169	37	3
*NN5T	14,491	140	37	6
*WA5LFD	8,740	95	33	5
*W0TG	7,215	91	34	3
NR5R	4,930	54	28	6
N5NEN	4,740	62	27	3
KD5QHV	2,068	41	20	2
*WB5CIT	96	6	8	0

CALIFORNIA

K0XP	72,917	385	53	18
W6AYC	32,835	241	47	8
AA6AA	25,296	178	40	11
N6TQ	14,080	131	35	5
K6NA	12,474	89	33	9
W6RKC	12,264	102	36	6
*KJ6MBW	8,928	113	29	3
N6XI	7,718	92	31	3
*N6LL	7,514	77	28	6
N6TTV	5,916	73	25	4
KE6QR	5,775	92	22	3
AJ6V	4,676	69	26	2
KG6AO	2,800	40	22	3
*W6JTI	1,872	42	16	2
*K6CSL	408	24	8	0
K6FA	363	15	10	1
W6TED	306	24	6	0

ARIZONA

ND7K	223,270	872	55	28
W8KA	181,197	734	55	26
N7KU	166,260	669	53	32
KC7V	89,631	501	52	17
*N7IR	62,159	416	50	11
K6NR	50,100	329	49	11
N7RK	33,858	220	45	12
*AC7A	27,432	205	46	8
K7HP	23,300	178	42	8
KN7Y	9,612	109	29	7
W7ON	4,582	66	26	3
K7NO	1,520	37	19	0

*N0UD	95	8	5	0
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IDAHO

W7QDM	20,580	175	44	5
N7UVH	12,432	118	38	4
*K7ARJ	3,108	44	27	1
*K7OVG	1,488	42	16	0

MONTANA

N9RV	139,160	625	53	17
N7AGP	36,305	290	49	4
*KS7T	13,940	143	39	2

NEVADA

WU7W	3,472	51	29	2
N7XCZ	18	3	3	0

OREGON

K7RAT	58,804	324	48	13
NE7D	22,200	160	42	8
WB6JJJ	8,736	90	35	4
*N7JI	1,624	44	12	2
W7GF	1,088	22	15	2
*WB7WHG	480	18	10	0

UTAH

*AC7JW	11,476	132	36	2
N7QXB	6,392	77	32	2

WASHINGTON

*W7TMT	27,350	206	43	7
*W7ZDX	13,530	125	36	5
N3QQ	11,778	102	33	6
N3EG	792	27	12	0
K7IU	540	14	11	1
*W7DLR	192	13	6	0

WYOMING

W6KGP	11,480	119	38	2
*AC7AF	1,496	41	17	0

MICHIGAN

NA8V	413,424	1096	56	52
*WA1UJU	58,450	521	49	1
*N8LJ	48,018	384	47	6
K8BZ	23,001	254	41	0
*N8LR	21,128	244	37	1
KB8NNU	20,163	170	40	7
W8DCQ	18,860	183	44	2
*NF8M	18,170	167	42	4
*AC8CE	13,717	135	41	2
*W8GP	12,636	141	37	2

*KB8TL	11,025	141	35	0
*K8GB	7,620	118	30	0
W8CO	6,120	62	28	6
*W8RU	4,420	70	25	1
*WA8UMT	924	27	14	0

OHIO

K8RYU	79,557	420	49	20
KW8N	57,889	380	48	13
*W1NN	42,639	291	50	11
*K8FF	42,434	374	45	4
*N8HP	21,504	225	39	3
*NS8O	20,070	196	39	6
*N8CWU	15,840	173	37	3
*W8KNO	14,688	183	35	1
*K8SVT	13,200	135	36	4
*KB8GAE	7,128	117	27	0
*AA8P	6,930	99	30	0
*WB8PIY	4,290	69	25	1
*WB8WUA	1,476	32	18	0
*KE8E	1,386	31	18	0
K8ALM	1,020	24	17	0
*N8TCP	860	20	20	0

WEST VIRGINIA

*N8II	26,910	249	42	3
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ILLINOIS

K9BGL	134,057	595	54	23
*W9KM	118,428	689	55	16
K9ZO	71,221	403	51	16
*K9WA	43,719	335	50	7
*W8LVN	28,980	285	43	2
*AG9A	28,273	256	47	2
*K9CW	24,096	213	43	5
*K9CS	21,371	221	40	3
*N9DJ	21,015	204	43	2
*W9ILY	19,176	175	45	2
NC9F	17,556	178	38	4
*WA9LKF	13,680	159	37	1
*W9NXM	11,766	144	37	0
*N9LYE	9,415	118	35	0
*K9KMD	5,511	70	33	0
*NJ9R	3,024	47	26	1
*K9PG	2,700	45	25	0
*WB9UGX	310	14	10	0
*K9PMV	270	12	9	0
*K9CEW	1	0	0	0

INDIANA

W9RE	243,180	904	53	37
K9WWT	72,968	570	52	4
*W8FIB	62,328	482	51	5

*WD8DSB	54,972	450	50	4
*K9KJ	42,434	384	48	1
K9LA	17,888	186	41	2
*KA9FQG	7,770	96	35	0
*WB9NOO	4,788	72	28	0
*NY1V	3,648	64	24	0
K9DUR	3,171	62	21	0

WISCONSIN

*K9AY	102,194	549	54	20
K9MA	101,448	524	51	21
W9NJY	53,940	406	52	6
*N7ZZ	27,850	235	47	3
*K9WD	13,674	141	41	2
N9GH	13,120	141	38	3
*AG9G	10,332	114	41	0
*W9KHH	18	3	3	0

COLORADO

K0SX	42,834	299	49	10
NC0B	19,780	166	40	6
*W0IZ	8,880	110	36	1
W0CAR	4,482	74	27	0
*K0XF	2,180	50	20	0
*K0UK	1,566	39	16	2
*N7SE	168	14	6	0

IOWA

*N0NI	192,780	843	57	27
W0FLS	60,654	358	54	12
*K0SRL	2,231	44	23	0
*N9HDE	1,024	29	16	0

KANSAS

NS0R	29,596	269	48	1
KE0EK	22,618	235	41	2
K0BJ	16,020	156	41	4
AD0AB	3,400	62	24	1

MINNESOTA

*K0PK	50,274	400	51	3
N0UY	27,293	235	46	3
*NG0C	25,806	243	45	1
*W0SEI	25,806	210	46	5
W0ZQ	12,505	129	39	2
*N0AT	7,945	97	34	1
*WA0MHJ	2,916	45	27	0
*KJ0P	700	22	14	0
W0RX	260	16	10	0

MISSOURI

N0TT	268,600	916	56	44
*KI0I	67,665	424	50	15

NI0G	40,120	282	48	11
*NZ0T	6,417	99	31	0
AF4JF	3,528	50	26	2

NEBRASKA

KB0LF	28,832	239	48	5
*KV0I	5,115	78	31	0

SOUTH DAKOTA

*N0DL	280	11	10	0
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CANADA

NEW BRUNSWICK

*VE9ML	43,710	192	39	8
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QUEBEC

*VE2OXP	39,744	166	33	13
*VE2OWL	39,109	221	36	1
*VE2QV	1,703	28	13	0

ONTARIO

VE3JM	774,615	1124	57	56
VE3DZ	736,668	1130	57	57
VE3AT	672,084	1046	55	53
VA3AR	318,240	769	54	26
VE3PN	260,280	514	50	40
*VE3MGY	217,951	669	53	14
VE3KP	132,096	404	49	15
*VA3OKG	93,960	361	50	4
*VE3UZ	72,726	328	42	4
VE3TAZ	60,388	175	42	20
VE3FAS	59,276	199	44	14
VE3MVM	41,688	156	45	9
*VA3EC	39,320	202	39	1
*VE3DZG	36,984	165	40	6
*VE3PCP	28,956	161	37	1
*VA3FN	16,048	101	34	0
*VA3KRJ	11,076	90	26	0
*VA3WU	9,716	73	28	0
VA3OB	6,351	46	26	3
*VE3BFU	531	13	9	0

ALBERTA

VE6BBP	204,072	639	56	10
*VA6RCN	10,050	72	29	1

BRITISH COLUMBIA

VA7MM	44,304	191	42	6
*VE7BLW	76	5	4	0

YUKON

VY1CO	4,301	38	20	3
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NORTH AMERICA**Alaska**

NL8F	247	9	9	4
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Cuba

*CO2RQ	9,585	71	26	1
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Dominican Republic

*HI3R	558	11	4	5
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Martinique

FM5BH	21,060	113	27	9
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Mexico

*XE2S	27,400	134	36	4
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*XE1O	880	15	10	1
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Panama

*HP1EUA	1,710	19	14	4
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US Virgin Islands

KP2M	326,106	499	48	51
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NP2J	37,802	179	32	9
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AFRICA**Canary Islands**

EF8BBM	164,334	274	14	47
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Cape Verde

D4Z	545,760	572	33	63
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Madeira Islands

CT9ABO	1,193,808	1071	47	65
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CR3W	696,960	779	33	57
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Tunisia

*3V8SF	194,775	399	3	46
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ASIA**Asiatic Russia**

*UC8Y	12,600	67	0	24
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*RU9AC	7,973	55	0	17
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Asiatic Turkey

*TA3NE	34,655	119	0	29
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TA3X	40	2	0	2
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China

*BA3KY	36	5	0	3
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	Georgia			
4L50	570,888	812	12	60
4L9M	433,810	678	10	55
*4L2M	45,344	148	0	32
	Israel			
4Z5LY	48,137	136	0	37
	Japan			
JH4UYB	193,959	363	22	47
JI3KDH	22,770	112	12	21
JA7ACM	17,332	115	7	21
*JA6BZI	16,094	100	9	17
JA9FHB	14,337	90	8	19
JN7FAH	10,764	50	7	19
*JE1SPY	10,440	118	12	8
JH1QDB	9,975	47	9	16
*JA7KPI	7,581	90	7	12
JL1CNY	4,368	48	7	9
JH7BDS	3,856	31	8	8
JA6FFK	3,486	51	6	8
*JE1TSD	3,010	46	6	8
JH1FSF	2,436	22	6	8
*JE1CKA	2,430	71	4	6
JA8DNV	2,106	19	5	8
JH7XMO	2,057	55	4	7
JR2PMT	2,052	32	3	9
JG1SRO	1,872	72	2	7
JH2KKW	1,716	17	7	6
JA7KQC	1,596	16	3	11
JH8FIH	1,595	17	5	6
JH4CPC	1,524	18	0	12
JN7TAN	1,496	27	4	7
*JA4YPE	1,408	26	2	9
JH1HDT	990	9	9	2
*JQ1COB	640	9	3	5
JH1OGC	490	7	0	7
*8J60KKC	404	39	0	4
*JA4VNE	270	36	0	3
*JF2FIU	190	43	0	2
JA1MJN	188	11	0	4
*JA1CHY	159	22	0	3
*JM1SMY	156	11	1	3
JM4WUZ	156	33	0	2
*JA1CTZ	144	30	0	2
JR3UIC	140	12	0	5
*JO6NZN	138	17	0	3
JJ1QLT	120	27	0	2
*JA1BBC	104	23	0	2
*JJ3IUS	98	20	0	2
*7M3LDC	86	20	0	2
JA0JHQ	68	14	0	2

*JN1FAO	66	15	0	2
*JH2JNU	39	10	0	3
*JH0MUC	38	19	0	1
*JH5HDA	38	8	0	2
JI3NOP	38	5	0	2
*JK1BVN	38	8	0	2
JE1QHP	36	6	0	2
*JA1RRA	22	11	0	1
*JR2DWA	8	4	0	1
*JE8UHY	2	1	0	1
*JR1USU	2	1	0	1
*JR7ASO	2	1	0	1

Kazakhstan

UN7JID	115,152	253	0	48
*UN7CN	3,020	37	0	10
UN8PC	1,659	29	0	7

Kyrgyzstan

*EX0M	3,965	36	0	13
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Republic of Korea

HL5IVL	131,706	309	14	40
DS2JJV	9,856	113	0	16
HL2WA	3,720	92	0	8
*HL3AMO	303	22	0	3
*HL4CFN	153	12	0	3
*HL4CEL	38	5	0	2

Vietnam

3W9A	1,270	17	2	8
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EUROPE

Aland Islands

*OH0Z	11,615	100	0	23
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Albania

*ZA1RR	57,000	296	0	38
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Austria

OE1TKW	91,188	351	0	51
*OE9AMJ	37,635	191	0	39
*OE2GEN	32,235	185	0	35
*OE1CIW	24,831	161	0	31

Belarus

EU4E	356,895	881	12	65
EW3LN	66,736	306	0	43
*EW1TO	15,088	136	0	23

Belgium

*OP3T	352,716	832	24	54
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OT4A	273,428	773	15	53
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Bosnia-Herzegovina

*E73B	64,413	241	3	48
*E78T	16,590	111	0	30
*E78CB	3,915	53	0	15

Bulgaria

LZ1AQ	146,044	489	4	54
LZ1YE	60,680	294	0	41

Croatia

*9A3NC	116,948	446	2	50
*9A6M	78,400	319	0	49
*9A3SM	13,149	100	0	27
9A/KA4JAM	2,945	36	0	19

Czech Republic

OK2WM	303,480	841	14	58
*OL5Y	252,816	714	16	53
OK1OA	203,610	608	14	52
*OL2C	127,452	503	3	49
*OL0A	112,080	493	1	47
*OK1MMN	105,792	371	7	50
*OK1DKR	96,951	379	11	40
*OK1AGE	95,136	415	2	46
*OK1FMX	90,636	454	1	41
*OK2PIM	80,595	376	0	45
OK1EP	80,272	254	13	45
*OK1UKC	70,312	328	0	44
*OK2IW	69,359	338	0	43
*OK2EA	60,060	300	0	42
OK1DWF	54,981	279	0	41
*OK2BRQ	49,896	253	0	42
OK2EQ	48,816	204	2	46
*OK6N	34,816	227	0	32
*OK1XC	34,770	191	0	38
*OK2CW	33,004	187	0	37
*OK2DM	32,760	191	0	36
*OK1HEH	28,024	197	0	31
*OK2LF	26,112	168	0	34
*OK8KM	18,112	116	0	32
*OK1GS	8,975	79	0	25

Denmark

*OZ1NF	676	10	0	13
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England

M0X	290,820	733	22	52
G4BUO	170,613	441	20	51
G3T	117,705	388	8	51
*G3RWF	93,248	399	0	47
*G2X	83,950	331	2	48

*G3XTZ	39,997	222	0	37
*G4DDL	27,860	161	3	32
*G3SNT	9,963	71	0	27
*M0MPM	6,280	67	0	20
*G5T	30	4	0	6

Estonia

ES5QA	227,850	610	17	53
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European Russia

RN3BL	115,286	395	0	59
RU3UR	78,760	288	4	51
RM3D	78,000	320	0	50
R3OM	60,720	297	0	44
*UF5A	52,976	264	0	43
*RL3BZ	39,862	225	0	38
UA6LCN	34,235	179	0	41
UA4PN	29,614	186	0	34
*UB1Q	29,592	179	0	36
R7AM	28,560	184	0	34
*R4WW	27,852	186	0	33
RA4PBE	25,678	140	0	37
*RN1CW	18,796	101	0	37
R2YA	17,556	130	0	28
RC3D	15,600	77	0	40
*UA3YDI	13,716	114	0	27
*UD1I	10,696	84	0	28
*UA3YMO	10,104	90	0	24
*UI4F	10,020	75	0	30
*RU6CO	9,870	72	0	30
UA6AA	8,625	81	0	23
*RV3ZN	5,321	66	0	17
*RU6C	5,180	60	0	20
*RX3VF	4,680	70	0	18
*RA3XCZ	4,140	53	0	18
*UA4HIP	4,012	54	0	17
RA3NC	3,800	43	0	20
RA4W	2,988	31	0	18
*UA4FER	2,784	37	0	16
*RK3ZB	1,905	28	0	15
*R3PIQ	1,612	33	0	13
*UI6A	1,507	28	0	11
*RA3VE	1,500	38	0	12
*RA3V	611	17	0	13
*UA4FDL	610	17	0	10
RU3SD	558	10	0	9
*UA4LCC	117	10	0	3
*RA4L	88	10	0	2
*RV9FF	76	7	0	2

Fed. Rep. of Germany

*DK5DQ	216,410	686	18	49
DJ5IW	200,376	586	17	55

*DL1CW	164,416	679	5	51
DK8FD	158,340	607	3	57
DL5JS	155,280	565	14	46
DL2SWW	136,242	562	8	46
DH8BQA	105,432	540	0	46
*DL4ZA	99,358	489	0	47
*DK6SX	96,397	468	1	46
*DL0NG	82,467	370	3	48
*DL1USB	77,928	347	4	47
DJ7OQ	77,275	290	8	47
*DJ5CW	76,995	402	2	43
*DL1AQU	76,560	365	0	48
DK3BK	72,447	248	5	52
*DJ9CN	68,211	273	7	46
*DL6NBC	67,732	397	0	41
*DL9ZP	66,960	341	4	41
*D01AYJ	66,555	337	0	45
*DK3YD	64,370	372	0	41
*DF1DT	62,685	327	3	42
*DJ9KH	62,115	358	0	41
*DJ1OJ	52,675	290	2	41
DL5YL	51,901	295	0	43
*DK4HH	48,678	311	0	38
DL2DSA	46,772	245	0	44
DF6RI	46,552	223	2	44
*DL2DRM	40,057	224	0	41
DL1ATZ	36,900	197	0	41
*DL0RCP	36,840	217	0	40
DL0FR	36,613	206	1	40
DL7LX	33,264	156	5	39
DK6CQ	32,116	198	0	37
*DK2CC	31,777	158	0	43
*DH2URF	31,304	148	0	43
*DL0RTA	29,750	191	0	35
*DL0MCM	28,083	196	0	33
*DH7FFE	27,880	133	0	41
*DL5ALW	25,584	120	0	41
DL3XM	24,764	120	1	40
DK3AX	24,630	197	0	30
DK3GI	24,510	143	3	35
*DL8ZAJ	23,808	175	0	32
DD2ML	23,800	155	0	34
*DK3WN	22,896	137	0	36
*DL1GWS	22,630	169	0	31
*DL4SL	21,690	177	0	30
*DL2TOS	21,120	141	0	33
*DL9MFY	20,196	139	0	34
DF2TT	19,520	97	4	36
DK1FW	19,200	101	0	40
*DL3IAS	18,972	144	0	31
*DL1KVN	18,870	159	0	30
*DG5MEX	18,810	141	0	30
*DL2ZA	18,752	139	0	32
*DL5NAM	18,700	121	0	34

*DK0MN	18,656	134	0	32
DL6MFK	18,270	101	0	35
*DF3CE	16,153	128	0	29
DL1VDL	15,779	121	0	31
DA3X	15,690	124	0	30
*DL1HSI	13,580	120	0	28
*DM6WG	13,543	112	0	29
DJ8QA	13,311	115	0	27
*DL7VOG	11,830	111	0	26
*DM9LSB	11,808	56	0	36
*DD1LD	11,450	108	0	25
*DJ3CS	10,536	98	0	24
*DF5TR	9,775	89	0	25
*DH0GSU	9,550	88	0	25
*DK7AC	8,944	81	0	26
*DD5MA	8,188	88	0	23
DF5BX	7,935	81	0	23
DJ4KW	7,320	66	0	24
*DL2GAN	7,224	62	0	24
DL5KVV	7,152	47	9	15
*DL9IM	6,182	67	0	22
*DM2BPG	6,069	61	0	21
*DB8AH	5,943	65	0	21
*DG1NPM	5,859	64	0	21
*DG3BZ	4,758	34	0	26
*DL9TU	4,636	55	0	19
*DF1XC	4,620	50	0	21
*DL8NAC	4,180	54	0	20
*DJ2IA	3,222	40	0	18
DL7VMM	2,704	34	0	16
*DL1PP	1,833	38	0	13
*DB1BAC	1,664	27	0	16
*DL1BZ	1,428	21	0	14
*DK3PM	1,232	16	0	16
*DL200	1,220	27	0	10
*DL7VEO	780	12	0	13
DG2BAR	760	29	0	8
*DC7DX	243	7	0	9
*DL0RDG	110	5	0	5

Finland

OH7K	264,462	762	3	63
OH2YL	145,496	555	2	50
OH1VR	99,375	364	5	48
*OH2BA	92,115	405	0	45
*OG6N	17,332	124	0	28
OH3Z	1,485	27	0	11

France

F5TFW	54,080	266	1	39
F5PYJ	26,208	120	9	33
F4DVO	16,048	93	0	34

	Greece			
*SV1JFL	3,458	33	0	19
	Guernsey			
MU5E	883,663	1312	42	67
	Hungary			
HA5UA	114,210	488	0	47
*HA1BC	111,150	446	2	48
*HA4YF	96,816	407	0	48
HA3YE	84,612	387	2	42
*HA0MK	23,296	151	0	32
*HA3IS	22,968	143	0	33
	Ireland			
EI5KF	249,225	605	21	54
*EI2KA	871	13	0	13
	Italy			
IK4DCX	158,004	591	1	53
*IZ1YTK	89,159	379	0	47
*IV3EAD	76,281	323	2	45
*IN3MNS	71,720	335	2	42
*I4IKW	65,229	254	4	47
*IQ5OX	46,132	251	0	38
*IU4NYV	43,950	169	6	44
IW5DPF	37,004	162	1	43
*IU5ASA	31,644	181	1	35
IQ5PJ	28,120	149	0	38
*I1MMN	27,060	172	0	33
*I6FDJ	22,196	146	0	31
*IU1GHC	20,057	135	0	31
*IK0ISD	12,780	85	0	30
IZ2BVC	12,267	89	0	29
*IU1HFK	12,064	91	0	29
*IQ7YU	10,296	78	0	26
IK2AHB	5,586	66	0	19
*IZ5AHB	3,008	40	0	16
*IK0VVP	2,790	42	0	15
*IU1DUK	2,660	28	0	19
*IK2GWH	2,106	25	0	18
*IO8O	2,070	30	0	15
*IK2IKW	1,430	29	0	11
*IK8YFU	1,386	20	0	14
*IZ3QCH	1,008	17	0	12
*IZ8CZR	800	9	0	20
*IK1VQO	280	8	0	7
	Latvia			
YL3JD	25,520	179	0	29
*YL3NU	17,760	150	0	24
*YL2NK	16,940	121	0	28

Lithuania

*LY4L	199,192	709	7	49
LY7L	115,229	356	9	52
*LY3KI	87,750	313	3	51
LY50	80,460	361	0	45
LY9A	57,240	289	0	40
*LY2MM	51,516	295	0	36
*LY0NAS	21,920	135	0	32
*LY3QN	329	10	0	7

Luxembourg

LX1NO	612,316	1158	28	66
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Netherlands

PA4VHF	525,460	1009	29	65
*PA2W	46,449	239	0	39
PA6AA	20,055	114	0	35
*PA7KY	13,485	91	0	29
*PA3BWK	12,454	96	0	26
*PA4DOC	11,640	96	0	24
*PA3GUO	1,586	25	0	13

North Macedonia

*Z35M	64,000	309	0	40
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Norway

*LC9X	116,850	457	8	42
LC2D	18,042	117	0	31
*LA/DL4HCF	984	17	0	12

Poland

*SP3HLM	315,495	750	15	66
SP2LNW	257,372	674	15	59
SP6AEG	158,661	521	8	53
*SQ9IDE	146,556	552	3	51
*SO3O	104,926	472	0	46
*SP2EWQ	99,076	436	0	47
*SP3JUN	94,570	394	2	47
*SQ5EF	76,776	384	0	42
SN2N	66,411	292	0	47
SP5BYC	52,290	237	0	45
*SP9DTE	48,224	226	1	43
*SP5UFK	47,614	266	0	38
*SP5ENG	38,571	202	0	39
SP9TPZ	37,111	201	0	37
*SP2HMT	35,742	170	0	42
SP1JQJ	17,361	133	0	27
SP3JDZ	16,414	120	0	29
*SP5ELA	12,690	99	0	27
*SQ3JPV	12,397	115	0	23
*SP2JFY	8,304	69	0	24
SP6ECA	4,420	31	0	26
*SP5MTX	1,560	29	0	13

Portugal

CR6K	569,478	931	38	60
*CT1BWU	5,640	41	2	22
*CT7AUP	1,155	14	0	15

Romania

*YO5DAS	56,580	274	0	41
*YO3APJ	43,040	210	3	37
*YO8BDQ	28,956	147	0	38
*YO4SI	20,224	121	0	32
YO3AK	9,250	71	0	25
*YO3GJ	4,446	48	0	18
*YO7MPI	2,610	28	0	18
*YO2SH	2,175	28	0	15

Sardinia

IP0A	493,620	948	30	65
*IS0JXO	32,967	181	1	36

Scotland

GM4Z	293,100	697	23	52
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Serbia

YT7A	398,164	1003	16	60
*YT8A	265,650	747	9	60
*YT9W	160,056	583	3	51
YU5W	86,158	377	0	46
*YU1YV	13,290	88	0	30

Slovak Republic

OM5R	463,306	1058	18	65
OM7K	413,091	989	17	62
*OM2XA	226,816	687	10	54
OM6AL	168,740	559	9	50
OM3CPF	103,868	451	0	46
*OM2DT	56,850	217	1	49
*OM7AG	51,208	282	0	37
*OM3CFR	40,287	207	0	39
*OM4DU	29,328	151	0	39
*OM3CDN	23,670	161	0	30
*OM3TBG	22,624	142	0	32
*OM2ABC	11,475	92	0	25
*OM7AT	5,605	62	0	19
*OM6PR	45	3	0	3

Slovenia

S51DX	294,082	822	16	55
S53X	170,252	545	8	54
*S57NAW	134,757	425	12	51
*S58RU	41,574	218	0	39
*S58MU	30,504	150	2	39

*S51DD	16,100	94	0	35
*S59BDE	11,772	91	0	27
*S50IPA	7,326	67	1	21
*S52GO	6,200	50	0	25
*S57WW	4,351	49	0	19
*S59ZZ	3,515	35	0	19
S57M	3,002	31	0	19
S56P	2,831	28	1	18
*S57SU	1,284	20	0	12
*S57PH	520	12	0	8
*S59IPA	1	-29	0	5

Spain

*EA5/RV2A	30,586	143	1	40
EA3OH	17,127	98	0	33
*EA5IYL	1	-2	0	0

Sweden

SM2U	287,096	829	8	60
SM6EAN	171,684	600	7	50
*SM5CSS	43,176	206	0	42
SM2CEW	36,155	209	0	35
*SM6IQD	27,650	160	0	35
*SM5DXR	26,355	154	0	35
*SM5KQS	24,256	155	0	32
*SE6K	7,600	62	0	25
SM6BZV	6,555	69	0	19

Switzerland

*HB9DCM	34,003	182	0	37
*HB9CPS	21,824	134	0	32
*HB9EGA	11,116	78	0	28
*HB9HLH	6,256	52	0	23

Ukraine

UT5ECZ	216,504	543	17	55
UT5UGR	195,048	605	9	54
UY5ZZ	58,867	284	0	43
*UR8IF	45,696	215	0	42
*US8ICM	25,296	149	0	34
*UW3WF	25,212	154	0	33
*UY2UQ	22,110	155	0	30
*UR5UJ	22,100	131	0	34
*UR8UO	21,356	109	2	36
*UT5UIA	21,280	102	0	40
*UT1KWA	19,950	166	0	25
UT7ZM	14,619	91	0	33
*UW7EF	13,546	107	0	26
*UT6ER	12,348	90	0	28
*US7UC	2,304	42	0	12

OCEANIA Australia

VK2GR	10,235	50	5	18
VK2PW	2,460	21	0	12
VK3TZ	280	8	0	5

Hawaii

KH7A	194,122	317	47	15
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Indonesia

*YC2VOC	2,016	27	0	12
YB2DX	638	14	0	11
*YB1JCD	14	7	0	1
*YC1CBY	14	7	0	1
*YC1YU	6	3	0	1
*YC1CAR	2	1	0	1

SOUTH AMERICA

Chile

*XQ3SK	5	1	0	1
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Suriname

PZ5RA	3,060	20	8	9
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Venezuela

YV4ABR	4,845	30	11	6
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QRP

NORTH AMERICA

UNITED STATES

CONNECTICUT

NN1DX	3,564	69	22	0
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MASSACHUSETTS

K1ZM	114,807	569	50	27
WB2CPU	14,080	193	32	0
W1FJ	4,000	82	20	0

NEW JERSEY

KD2YJX	4,008	70	24	0
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PENNSYLVANIA

W7LG	5,664	103	24	0
K3HX	2,156	46	22	0

ALABAMA

N4AX	1,275	20	24	1
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FLORIDA

K3TW	14,145	152	37	4
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NORTH CAROLINA

N4IJ	11,275	113	38	3
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VIRGINIA

WA4PGM	22,181	233	36	5
N4CF	20,163	274	33	0
KA4RRU	19,110	245	34	1
K2EKM	1,386	42	14	0

TEXAS

N5OE	5,542	74	32	2
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CALIFORNIA

WQ6X	5,640	66	26	4
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ARIZONA

N6HI	36	6	3	0
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MICHIGAN

N9SM	6,851	100	31	0
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OHIO

K4YJ	21,128	245	38	0
K8ZT	7,755	104	33	0

ILLINOIS

KW9A	704	19	16	0
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INDIANA

N9SE	84,058	596	52	9
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WISCONSIN

AF9J	1,088	31	16	0
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KANSAS

N0JK	216	9	9	0
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MINNESOTA

K0TT	22,788	151	44	10
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MISSOURI

N0LMQ	5,040	75	30	0
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CANADA

NORTH AMERICA

AFRICA

ASIA

Georgia

4L4NW	8,432	54	0	17
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Japan

JR1ABS	172	13	0	4
JK1NWD	134	32	0	2
JH7UJU	122	29	0	2
JF9QCX	5	1	0	1
JR1NKN	1	3	0	1

Thailand

E25CRF	4	2	0	1
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EUROPE

Austria

OE2VEL	32,802	152	0	42
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Belarus

EW1P	4,009	44	0	19
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Belgium

ON7WM	828	15	0	12
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Bosnia-Herzegovina

E77Y	129,030	497	0	51
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Croatia

9A5CW	8,004	74	0	23
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Czech Republic

OL1A	203,236	665	8	54
OK1FKD	134,505	567	5	44
OL4W	133,903	596	0	47
OK1DTC	95,628	375	5	47
OK1KUW	42,788	241	0	38
OK2FD	16,992	94	0	36

Denmark

OU2V	24,864	154	0	32
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England

G3P	175,305	516	14	51
G3YMC	6,100	55	0	25
G0JOS	620	13	0	10

European Russia

RA5W	35,480	190	0	40
RW3AI	2,176	33	0	16
R3LA	320	11	0	8
R2AJA	246	9	0	6

Fed. Rep. of Germany

DK7HA	194,229	681	12	51
DL9EE	162,931	609	10	51
DL2OE	95,452	446	1	48

DL1WA	94,512	460	0	48
DM7AA	78,876	449	0	42
DK3UW	75,978	423	0	42
DM2DZM	62,882	327	0	46
DJ3RA	56,112	316	0	42
DL3AN	33,152	212	0	37
DL8LR	29,250	173	0	39
DF7EE	6,050	56	0	25
DL5OE	2,831	31	0	19
DL7ET	371	13	0	7
DL8MF	76	5	0	4

Finland

OH3KQ	12,075	98	0	25
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Hungary

HA6NL	54,222	266	0	42
HA8WZ	53,535	246	1	42
HA1TI	42,680	221	0	40
HA0GK	19,107	117	0	33
HG7J	10,400	86	0	25
HA5BA	270	9	0	6

Italy

IK0XBX	7,366	47	0	29
IZ2KPE	6,600	55	0	25
IZ2QKG	2,072	32	0	14

Lithuania

LY4T	76,920	392	0	40
LY5G	15,424	98	0	32
LY2TS	12,384	108	0	24

Netherlands

PC2F	12,964	95	0	28
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Poland

SP2MHC	35,853	196	0	37
SP2FMN	24,786	198	0	27
SQ2ICX	21,024	130	0	32
SP3IOE	2,310	32	0	15

Romania

YO8WW	46,552	192	0	46
YO4AAC	3,723	43	0	17
YO3GNF	2,250	29	0	15
YO8BDW	1,650	30	0	11

Serbia

YU1NR	11,908	96	0	26
YT1BD	1,356	25	0	12

Slovak Republic

OM7PY	44,400	243	0	37
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Slovenia

S51Z	99,405	436	1	46
S53AR	33,978	164	1	41
S52KJ	888	27	0	8

Spain

EA5ICL	3,420	33	1	19
EA2AFV	3,184	40	0	16
EA1CM	1,430	20	0	13
EF5U	2	1	0	1

Sweden

7S2A	26,730	171	0	33
SA7DXR	13,095	100	0	27

Ukraine

UT5EOX	15,990	123	0	26
UR5FEO	12,844	98	0	26
UR5QW	675	9	0	9

Vienna Intl Ctr

4U1A	264,550	789	12	53
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OCEANIA**Australia**

VK2CCC	210	10	1	4
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Hawaii

NH6O	6	3	0	1
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SOUTH AMERICA**Venezuela**

YV6BXN	240	7	0	4
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ASSISTED**NORTH AMERICA****UNITED STATES****CONNECTICUT**

K1ZZ	106,413	338	44	35
W1UK	11,484	94	34	10
*W1ARY	6,300	108	25	0

MAINE

K1JB	71,264	339	43	25
K1ESE	68,586	304	44	27
*K1BZ	9,936	117	35	1

MASSACHUSETTS

W1GD	229,896	582	48	45
*N2KW	130,916	464	55	37
K1VR	111,340	267	40	36
KC1TNO	105,840	305	43	37
AK1MD	66,844	365	44	24
W1TC	58,384	196	48	34
KB1W	29,792	209	38	11
W1TO	25,413	237	36	7
*AC5XK	24,840	262	36	4
W1HNZ	17,907	137	36	11
N1RO	13,104	131	36	6
*W1DYJ	10,571	147	29	2
*AA1NK	8,736	120	32	0
K1TH	5,244	102	23	0
KV1J	4,644	70	26	1
NF1A	3,614	59	26	0
WJ1R	3,538	31	21	8
WO1N	2,373	54	21	0

NEW HAMPSHIRE

K1RX	277,893	598	51	48
K1AR	162,603	609	51	36
K1TR	65,549	447	47	12
NF1O	26,038	219	38	9
*KA2KON	2,877	58	21	0
*AE1T	2,340	56	18	0

RHODE ISLAND

K1TZQ	165,886	587	47	35
*NC1CC	50,331	360	46	11

VERMONT

W1SJ	279,456	867	54	42
N1IBM	30,651	237	41	10

NEW JERSEY

N2NT	324,008	718	52	49
W2NTN	125,680	531	50	30
KR2Q	105,084	526	43	20
N2SR	101,361	534	45	24
N2GM	87,301	468	46	21
AB2E	82,656	441	49	23
K2RET	66,348	286	45	31
N2HMM	60,736	298	47	26
K3TS	49,206	322	46	13
*W2VQ	33,934	309	44	3
K3OX	26,775	203	39	12
K2CJ	25,300	235	39	5
WB2PJH	14,035	178	35	0
NE2V	11,234	99	35	6
KE2D	10,626	134	31	2
*WR2G	9,114	118	28	3

*N2UU	7,975	121	29	0
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NEW YORK

KB1EFS	288,420	925	54	38
N2ZX	159,684	402	43	41
N2GC	125,367	403	52	35
AA2EQ	85,358	527	51	16
W2TB	58,401	385	50	13
W2GDJ	53,874	197	44	29
N2RC	45,320	342	44	11
N2NI	38,940	236	45	15
WA2CP	35,623	293	42	7
*WA2JQK	33,099	251	44	15
*K2QO	31,605	260	41	8
AI2N	29,498	161	33	16
WB2HJV	28,620	214	46	8
WB2WPM	19,580	189	39	5
N2SQW	19,049	189	41	2
K2TER	18,767	144	40	9
*K2QB	16,074	179	37	1
*K2MK	9,867	130	32	1
*NJ1F	9,632	127	30	2
*W2VM	8,680	125	31	0
WA3AFS	8,080	51	32	8
*N2SO	7,196	112	28	0
*KB2URI	7,163	107	29	0
*K2IRM	6,560	109	31	1
K2EP	5,858	68	24	5
*K4RUM	5,628	122	21	0
K2YR	4,625	41	18	7
*WB9G	4,602	78	26	0

DELAWARE

NW3Y	53,958	274	47	22
AA3R	35,929	186	42	19
KA3HED	828	23	18	0

MARYLAND

K3MM	275,392	718	53	51
W3LL	144,354	459	54	44
K3CCR	105,257	608	48	19
K3TN	85,544	492	49	19
*NS3T	72,912	495	49	13
K3STX	63,660	413	43	17
AG4Q	61,904	321	49	24
K3RA	52,390	275	41	24
W3OU	51,840	252	50	22
N3AM	40,040	334	46	6
AA3S	33,072	264	46	7
W2CDO	30,336	261	41	7
N3FJP	22,185	210	40	5
NA3M	13,800	60	0	23
*WB8YYY	13,650	140	41	1

N3AML	10,450	106	34	4
K3AU	9,135	96	28	7
WT3K	5,911	112	23	0
*W3KN	4,179	86	21	0
KG4USN	3,422	49	24	5
AK3B	2,782	42	26	0
WX3B	952	28	14	0
*AJ3M	2	1	1	0

PENNSYLVANIA

NY3A	355,776	884	55	54
AA3B	354,888	856	54	52
NN3Q	324,347	804	54	49
KF3B	285,649	715	46	45
W8FJ	261,287	689	55	46
NT2DR	141,598	504	47	36
*NJ3K	98,331	548	55	18
WY3A	70,380	376	43	26
K3OO	67,824	322	47	25
KB3Z	59,094	384	48	15
AG3I	54,208	420	49	7
N3RD	53,248	333	51	13
K3SW	47,492	296	45	17
NY3B	45,430	337	46	9
*KN3A	35,902	234	43	15
K3WJV	33,957	300	43	6
W3FIZ	32,879	277	40	9
*W3KB	26,855	287	36	5
K3MD	26,266	243	36	10
NF3R	23,490	225	39	6
KD3TB	18,748	182	38	5
*NV3K	14,040	159	39	0
KC3NNO	13,464	159	33	3
K3PP	11,802	109	37	5
K3WGR	11,520	108	30	10
N3RJ	8,880	130	30	0
*N3ZA	8,613	115	31	2
KG5TA	8,256	111	31	1
*N3SD	5,376	103	24	0
N3RM	3,450	57	25	0
*WA3AAN	930	31	15	0
KA3D	630	21	14	0

ALABAMA

KX4X	46,575	259	49	20
AG4W	19,027	100	35	18

FLORIDA

NN7CW	233,091	745	52	45
N4WW	227,325	595	55	50
K9OM	156,864	455	51	45
AD4ES	58,806	352	49	17
*KM5AT	8,132	87	33	5

*KT3T	6,592	83	28	4
*K4RFK	5,412	67	27	6
*WA1S	4,266	65	22	5
WO4O	3,525	56	22	3
K2SG	3,348	52	25	2
*K2ZR	3,151	50	18	5
*K3SV	3,131	38	28	3
*K4JC	1,184	20	10	6

GEORGIA

NO9E	267,041	806	56	41
AA5JF	55,760	282	46	22

KENTUCKY

N4QS	61,578	308	47	19
*KC4WQ	52,052	434	48	4
*ND4Y	49,830	396	48	7

NORTH CAROLINA

W4RM	247,612	744	54	49
K2AV	218,700	864	54	36
N1LN	200,508	750	57	41
K8AC	139,435	721	56	23
WJ2D	130,403	453	54	37
AD8J	55,216	400	48	10
NZ4N	53,295	416	48	7
K5EK	40,280	326	47	6
K4HA	31,164	258	39	10
*N4NTO	15,516	193	35	1
*N9PGG	11,095	128	30	5
N4TL	9,826	124	32	2
N4DE	627	12	8	3

SOUTH CAROLINA

NU4E	152,880	493	54	44
*N3HEE	149,727	666	54	33
*W4JM	20,115	193	39	6
*KY4GS	4,620	99	22	0

TENNESSEE

AD4EB	187,005	741	55	36
K4RO	123,920	607	56	24
K3IE	97,251	457	50	27
AA4NU	68,376	431	51	15
KE0L	44,880	299	46	14
AC4G	39,780	150	40	28
W3TB	32,054	298	44	3
N4ZZ	29,631	244	45	6
*WF7T	15,180	149	40	4
*AC6ZM	13,110	146	35	3
K3JWI	10,764	134	33	3
*KK9DX	7,264	93	27	5
W1EG	7,172	56	37	7

*WM4Q	4,860	53	35	1
*W4CMG	3,861	70	27	0
*W4JUJ	1,278	30	17	1
*K4DXV	600	22	12	0

VIRGINIA

K2KW	410,400	923	55	59
W4NF	275,520	836	56	49
NR4M	136,259	532	55	34
WS6X	130,536	600	54	30
W3IP	129,860	506	52	34
N3CW	121,604	495	51	35
KC4D	93,080	582	50	15
K4XL	78,621	433	48	25
*N3AC	77,409	541	49	12
K4QS	62,433	398	48	15
AD4TJ	60,180	443	49	10
WA4JUK	59,218	431	47	11
WN7S	52,900	458	44	6
W4PM	50,986	415	47	6
*N3ZV	50,719	293	47	20
K5VIP	35,292	300	44	7
N3UA	27,248	196	40	12
*N0YY	27,072	241	45	3
*K4FTO	25,335	239	40	5
*N4IW	14,554	159	35	3
AB4SF	13,767	152	35	4
N3JT	13,034	147	34	4
W4VIC	10,943	151	31	0
KK4R	10,914	138	32	2
N6DW	7,110	105	30	0
*W8KRZ	6,507	110	27	0
N3MN	6,032	95	28	1
*N1WR	5,428	106	23	0
W1IE	3,444	55	26	2
*NJ4Q	3,045	59	21	0
*K5VG	1	0	2	0

ARKANSAS

K5FUV	15,686	143	41	5
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MISSISSIPPI

N5UE	18,960	186	43	5
W2GS	704	19	16	0

OKLAHOMA

W5TM	101,625	539	54	21
*NE5A	689	25	13	0

TEXAS

K5PI	173,719	798	53	30
N5RZ	126,750	605	52	23
K5BG	41,097	284	47	10

W7RH	40,712	303	46	10
N5TJ	35,640	196	48	18
K5NZ	32,010	233	44	11
WB0TEV	28,539	148	50	13
N5REL	16,110	153	40	5
K5MR	11,340	87	36	9
N0VRP	10,280	117	37	3
W0VX	8,325	94	33	4
K5TIA	5,580	67	25	6
*N0GM	3,927	62	30	3
*WB5DW	1,533	32	20	1
*N5GG	750	22	15	0

CALIFORNIA

W4EF	65,136	337	49	20
KI6RRN	49,205	308	51	14
N6KI	19,964	180	39	7
N5ZO	18,000	151	38	7
K6NV	13,566	130	39	3
N6IE	12,513	106	37	6
K6KM	8,208	85	33	5
N5KO	1,710	35	12	3
N3RC	572	19	10	1

ARIZONA

KH7X/W7	55,428	387	51	11
N7AT	21,504	195	42	6
K7WP	19,824	167	41	7
N6SS	6,650	46	9	16
KB7AZ	4,671	67	24	3

IDAHO

W7MEM	25,636	194	46	6
*W7TX	68	7	4	0

MONTANA

K7QA	90,048	480	53	14
KM7W	33,814	228	49	9

NEVADA

W7RN	31,920	237	47	9
W7ZR	7,980	85	35	3
*K7ACZ	240	6	1	5

OREGON

N7XU	33,300	206	50	10
KN7K	9,826	118	32	2
K2PO	1,992	27	19	5

UTAH

K7NJ	229,957	789	53	38
W7CXX	71,623	449	53	14

K7UT	34,279	213	46	13
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WASHINGTON

W7JXY	37,840	262	46	9
K7SS	17,342	152	41	5
KB7PKC	9,758	80	34	7
*N7MU	4,521	60	32	1
NN7M	1,332	24	16	2

MICHIGAN

W8MJ	269,466	988	56	41
N6FS	179,046	529	55	43
*KE3K	60,170	468	49	6
K8BB	46,500	310	50	10
*K0ACP	23,951	243	40	3
WA8MCD	21,825	190	36	9
KG8CW	9,126	100	36	3
*KE8RJU	7,626	103	30	1
N8EA	3,477	75	19	0
*K8GT	1,700	38	20	0

OHIO

K1LT	404,580	1077	56	54
*WB8JUI	88,944	535	53	15
*K8BL	67,260	509	51	6
NO8C	52,000	429	46	6
N8AA	40,526	380	41	5
K8AJS	31,164	328	38	4
WA8LRW	24,058	227	42	4
KA8G	23,218	210	43	4
W3HKK	21,320	167	42	10
W8CAR	10,257	104	35	4
KM8V	7,220	86	38	0
*W8EH	4,843	76	29	0

WEST VIRGINIA

WA8KAN	50,900	448	46	4
*N4RA	24,816	211	38	9

ILLINOIS

*KG9X	154,615	685	55	30
K9CT	141,332	514	52	37
K9MMS	136,510	581	53	32
*N9CO	106,400	527	55	25
N9EP	63,952	496	49	7
N7US	55,518	425	49	8
WB8BZK	50,445	380	50	7
AI9T	50,203	340	50	11
N2BJ	44,440	358	48	7
K9NO	40,651	282	45	14
KD9MS	35,100	209	44	16
KG9N	28,917	247	47	4
KI9A	28,620	228	48	6

*KE8HBV	27,097	239	45	4
K9YY	23,735	200	38	9
*N9LQ	23,232	200	42	6
*WA9LEY	22,484	230	42	2
AC9S	22,320	202	45	3
*WB9HFK	20,664	212	39	2
W9PDS	19,488	208	41	1
*KY0Q	19,110	216	38	1
*W9YK	18,096	201	38	1
WT2P	11,560	146	34	0
W9NZ	10,027	116	35	2
*KA9I	6,720	81	34	1

INDIANA

N4TZ	116,922	523	51	27
KT9L	61,578	384	52	14
*K9EI	59,850	449	50	7
W9TC	50,688	319	51	15
K9NW	44,982	270	49	14
*WT9U	22,660	225	41	3
K0TQ	22,616	221	39	5
W9PA	12,056	109	36	8
*K9RU	3,770	56	29	0

WISCONSIN

W0AIH	291,387	961	57	46
*WT9Q	72,630	591	51	3
W9XT	69,264	311	50	24
W9AV	64,914	428	49	13
K9WO	25,803	250	43	4
N9JR	21,756	179	43	6
N9CK	20,163	176	41	6
W0ELT	2,730	42	25	1
KQ9J	300	15	10	0

COLORADO

KV0Q	256,953	835	57	40
KS9W	62,186	406	51	11
KE0UI	46,592	356	49	7
W0PSY	29,120	191	46	10
K5ZG	6,650	64	32	6
N0KQ	2,328	44	24	0
AB4BA	24	2	1	1

IOWA

N0AV	89,475	399	50	25
*KE0IAT	18,250	156	43	7
W7II	14,674	125	40	6

KANSAS

K3PA	133,589	564	54	35
*AA0FO	47,038	346	49	9
N9GB	38,584	323	48	5

KOAP	26,265	215	47	4
NROP	10,880	106	36	4
*NORC	32	4	4	0

MINNESOTA

NOHJZ	117,425	597	54	23
WOPR	116,180	633	54	20
*KORC	75,648	503	54	10
K9DU	49,392	372	50	6
*ACOW	47,300	372	51	4
KOMD	45,360	347	51	5
NOMK	43,615	337	49	6
KOYR	34,160	247	47	9
*WONY	34,008	280	49	3
*KOTC	11,877	144	37	0
*WOUK	5,338	67	33	1

MISSOURI

NWOM	79,947	542	52	11
*KKOU	76,756	535	51	11

NEBRASKA

ABOS	50,559	379	51	6
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SOUTH DAKOTA

*KOKX	13,865	121	46	1
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CANADA

LABRADOR

VO2AC	88,798	282	37	21
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NEW BRUNSWICK

*VE9WH	460	8	10	0
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NOVA SCOTIA

VA1RST	231,076	476	46	36
*VA1MM	3,546	43	18	0

QUEBEC

VA2WA	803,556	1122	56	61
VA2AM	101,101	226	46	31

ONTARIO

VE3EJ	880,680	1249	57	63
VE3VN	499,824	786	54	50
VE3RZ	237,314	617	54	23
VA3DF	193,885	444	54	31
VE3KG	186,282	436	49	30
*VE3VY	107,358	372	42	16
VA3SB	79,740	375	42	3
VE3TW	64,239	273	43	6
*VE3AQ	60,480	318	39	1

*VA3WB	53,363	260	38	5
*VE3MV	42,432	228	37	2
*VE3DS	41,580	159	41	13
*VA3TMV	28,587	154	38	1
*VE3MA	26,112	162	34	0
VE3SS	14,732	107	29	0
VE3JZT	14,136	96	31	0
*VA3RSA	13,664	100	28	0
*VE3CV	1,485	24	15	0

SASKATCHEWAN

VE5MX	141,480	495	52	8
*VE5ZX	7,410	59	25	1

ALBERTA

VE6RST	47,268	186	47	5
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BRITISH COLUMBIA

VE7XF	23,144	106	37	7
VE7RK	6,100	53	25	0

NORTH AMERICA

Alaska

KL7SB	95,480	265	41	14
KL7KY	45,678	151	32	14

Antigua & Barbuda

*V26OC	29,930	143	34	7
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Belize

V31MA	226,683	393	47	42
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Costa Rica

*TI5CDA	20,425	85	31	12
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Dominican Republic

*HI3K	3,173	32	13	6
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Puerto Rico

KP3W	11,284	72	25	6
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US Virgin Islands

NP2X	322,014	534	52	50
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AFRICA

Ceuta & Melilla

*EA9E	10,530	43	0	26
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ASIA

Asiatic Russia

RZ9YI	301,800	536	0	60
R8WX	256,070	462	0	58
RT8U	115,770	271	0	51
RW9JZ	90,482	217	0	46
*RW9DX	42,174	138	0	33
RA0WU	23,958	88	0	33

Asiatic Turkey

*TA3D	189,600	398	1	47
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China

BA4DL	10,778	112	7	10
*BD5XX	2,717	45	2	9
BA3OM	1,055	43	0	5
*BD3GNI	1	-2	0	3

Cyprus

P33W	1,065,500	1083	29	71
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Georgia

*4L7ZS	11,736	52	0	24
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Israel

*4Z5PN	95,940	215	0	45
4X1IM	9,982	48	0	23

Japan

JR4OZR	32,515	175	10	25
JH2FXK	28,564	84	13	24
JH7XGN	18,879	115	7	22
JF3LOP	10,392	91	9	15
JO7KMB	8,120	76	5	15
JF3IPR	6,352	101	6	10
*JF3BFS	4,303	103	6	7
*JG6JAV	4,298	82	5	9
JF7PHE	4,192	52	4	12
*JA1SVP	3,927	49	6	11
JI1FOE	3,660	64	6	9
JA4OPW	3,000	66	3	9
JK1HIX	2,951	25	8	5
JS2MKU	2,904	65	4	8
JA7MSQ	2,880	23	5	10
JE1NVD	2,730	24	6	7
JF3DRI	1,224	35	2	7
JH9DRL	1,152	40	0	8
JA4CZM	1,090	27	0	10
JQ1TAR	1,080	41	1	7
JA0FVU	840	13	1	7
JK1HWU	684	45	1	5
JA0GCI	592	17	1	7
*JA8RWU	486	25	0	6
JR1BAS	150	3	4	1
*JF2SKV	58	13	0	2

JO4CFV	24	3	0	2
*JK2VOC	20	10	0	1

Qatar

A71WW	5,940	35	0	18
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Republic of Korea

DS5DNO	2,156	59	0	7
*HL5YI	75	5	0	3

Thailand

HS5NMF	5,520	42	1	19
E29TGW	156	7	0	4

EUROPE

Austria

OE5TXF	291,870	812	14	55
OE3G	142,623	531	0	53
*OE8DDX	130,608	547	0	48
OE6MMD	91,902	351	1	50

Belarus

EU8U	179,882	662	1	52
EW4A	172,653	594	4	53
*EU3A	114,840	359	1	59
*EW2ES	104,058	438	0	47
*EW1M	99,084	425	0	46
EW1I	90,960	380	0	48
EW2A	88,454	375	0	47
EW6FL	86,175	378	0	45
*EU1AI	73,125	321	0	45
*EU1ST	26,130	173	0	30
*EU7X	21,411	106	0	39
EW1OW	19,778	135	0	29
*EW4GL	11,900	99	0	25

Belgium

OT1A	299,676	702	23	55
OR3A	297,453	617	26	61
*ON4CT	2,880	19	13	3
*ON9TT	1,067	20	0	11

Bosnia-Herzegovina

*E79D	260,864	795	4	60
E71A	37,050	194	0	38
*E74S	15,167	105	0	29
*E70X	5,355	64	0	17
*E75RKM	4,488	53	0	17
*E75RKP	2,197	34	0	13

Bulgaria

*LZ3ND	164,492	449	14	54
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*LZ7U	103,220	389	0	52
*LZ4A	73,108	295	0	49
*LZ6O	71,534	300	0	47
LZ5DI	71,064	296	0	47
LZ2ZG	50,592	204	1	47
*LZ2FU	34,230	159	0	42
*LZ2DF	24,616	143	0	34
*LZ2FL	18,528	118	0	32
*LZ4NS	16,306	106	0	31
*LZ2GPB	16,296	115	0	28
*LZ2FDI	15,870	104	0	30
*LZ2CC	15,779	101	0	31
*LZ2II	15,370	105	0	29
*LZ3TL	7,175	55	0	25
*LZ1MC	5,092	54	0	19

Croatia

9A5W	852,495	1280	39	76
9A4M	789,376	1207	38	74
9A5Y	752,424	1238	30	77
9A5M	630,112	1173	28	69
9A9R	551,874	1076	26	68
9A3JH	519,255	944	33	66
9A7V	461,840	913	28	64
*9A3B	194,920	702	0	55
9A5TW	157,941	487	8	55
9A2EU	137,466	420	6	57
*9A4WY	75,717	323	0	47
*9A4BT	38,528	175	0	43
9A7R	544	15	0	8

Czech Republic

OK7K	973,658	1348	42	77
OK1DOL	483,170	952	31	64
OK6Y	428,001	911	21	68
OL7P	389,760	773	28	68
*OK2ZV	329,232	862	15	61
OK1TN	288,342	642	21	62
*OL3R	229,255	692	14	51
*OK2BFN	225,918	727	8	55
OK5ET	222,360	649	11	57
OK8AU	157,860	536	7	53
*OK1AY	150,584	544	7	49
OK1ATP	147,591	420	7	62
OL0W	143,840	457	12	50
OK1PI	120,698	423	7	51
OK1DO	113,202	392	13	44
*OK2QA	105,900	349	10	50
OK2YZ	100,128	436	0	48
*OK1DLX	96,800	399	4	46
OL1T	89,709	362	0	51
*OK2VV	80,408	360	0	46
OL8R	71,850	288	0	50
*OL6B	63,126	324	0	42

*OK2GG	62,084	291	0	44
OK4MM	50,384	219	4	43
OL6D	48,735	217	1	44
OK4X	45,795	220	0	43
*OK2SG	40,350	149	7	43
OK/EA5GX	32,606	204	0	34
*OK1DOY	32,439	209	0	33
*OK1BLU	10,935	86	0	27
OK1DBE	7,850	69	0	25
*OK1DSX	1,288	18	0	14

Denmark

OZ3SM	225,920	669	17	47
OZ0B	174,312	427	21	51
*OZ1AAR	114,318	411	6	48
OZ2TF	59,082	271	0	43
OZ8SW	56,233	197	5	48
*OZ1DJJ	360	9	0	8

England

G5W	635,440	1065	36	68
G6XX	618,221	1060	35	66
G4IRN	421,443	756	34	65
G6T	339,612	743	20	64
G4PIQ	310,950	635	29	61
G3SJJ	255,012	595	24	55
*G4PVM	205,275	569	17	52
*G3RLE	124,248	380	14	48
*M5M	85,905	387	1	44
*G3WW	70,533	267	7	44
G0BNR	44,080	136	7	51
*G4CDN	31,005	128	0	45
G3YSX	22,425	115	2	37
*M0MDR	15,081	94	0	33
M4J	12,972	49	1	46
*G4TUK	12,880	72	0	35
M0NPK	9,758	49	5	29
G4CTY	9,548	62	0	31
M5B	2,669	35	0	17

European Russia

RK4FD	511,632	892	26	76
RM4F	259,940	600	14	68
R5WW	203,400	526	11	64
RV1CC	161,704	575	4	54
RM5F	139,230	441	7	56
UA1OMS	126,952	460	0	56
RG2A	105,147	325	4	59
RD4F	99,640	384	0	53
RU3DX	98,884	335	1	58
R4FD	97,515	369	1	54
R3AP	95,260	373	0	55
R1DX	94,304	327	3	53

RW1A	91,392	329	7	49
RN1B	86,880	365	0	48
UA1ANA	77,926	350	0	47
RA1QD	66,900	281	0	50
UI3A	52,712	244	0	44
*UA3MIF	51,636	279	0	39
RL5A	51,244	228	0	46
UC4L	49,185	229	0	45
RK3DK	46,828	211	0	46
RT1L	46,640	240	0	40
*RA3RA	45,900	205	0	45
*RC7KF	43,245	198	0	45
*R3BX	42,550	177	0	50
*RD5R	41,738	218	0	41
UA4LL	41,404	198	0	44
*RY3D	40,304	194	0	44
RV1AW	35,490	192	0	39
RK2M	31,392	189	0	36
RW1F	28,290	134	0	41
RK3T	24,336	133	0	36
R7CA	21,630	128	0	35
RA1OHX	20,670	113	0	39
UA6EX	19,038	95	0	38
R3QF	17,185	100	0	35
UA3QGT	17,131	89	0	37
UA4C	15,176	118	0	28
R5RA	13,644	63	0	36
*R6KA	13,260	106	0	26
*RU6K	10,890	74	0	30
R3AT	9,827	62	0	31
*R4RN	7,876	73	0	22
*RU3DNN	6,804	52	0	28
R4ACY	6,426	62	0	21
R6HV	5,658	52	0	23
RT1B	5,035	53	0	19
*UA4WAU	4,176	58	0	16
R4KO	2,895	34	0	15
*RN4HAB	2,400	49	0	12
*UA3X	2,176	33	0	16
*RL3F	749	28	0	7
UA3GX	180	5	0	4

Fed. Rep. of Germany

DK6WL	619,704	1127	36	72
DL7ON	551,763	1098	26	75
DR5X	550,329	1084	30	73
DL2SAX	489,804	971	31	67
DJ0MDR	451,236	1011	26	67
DL6MHW	448,992	931	27	69
DF3VM	411,525	869	29	64
DK3WW	389,571	867	24	67
DL7URH	384,035	871	22	67
DJ8VH	356,817	876	25	58
DK2OY	353,565	915	19	62

DK9IP	346,408	834	22	64
DK1AX	290,700	796	19	57
DF9LJ	290,190	671	24	61
DJ5AN	244,296	574	24	63
DL1BUG	237,576	696	14	62
DM5GG	224,136	750	11	55
*DL6KWN	222,880	667	18	52
DL5RMH	221,595	547	22	57
DK8ZZ	217,056	489	27	57
DC6O	215,698	668	18	53
DL4CF	208,728	528	20	58
*DP3P	206,856	636	16	52
DF8XC	203,030	476	24	55
DF9XV	192,962	494	19	58
*DM3F	188,564	591	15	53
*DF4XF	184,338	601	13	53
*DL8TG	181,760	610	15	49
DR5W	172,670	604	12	50
DL8RDL	165,312	577	11	52
*DL4WA	154,008	548	13	49
DL5XJ	145,812	549	11	47
*DK1KC	145,420	552	4	51
DH0GHU	141,520	551	5	53
DL9GTB	140,284	441	13	55
DK2LO	138,600	444	15	51
DF4PD	130,686	391	15	54
DJ8EW	128,180	562	1	51
DL1NKS	127,676	473	12	47
*DK2A	125,664	574	2	49
*DJ5MO	121,854	350	15	54
DF8V	120,834	577	0	49
*DM7W	119,538	449	9	49
DL7YS	116,805	362	13	52
DJ9AO	116,760	471	2	54
DL5SE	116,694	485	0	54
DK2CX	116,266	402	11	50
DL2CC	113,848	457	0	56
DL1NEO	111,070	420	3	55
*DL2NBU	109,021	463	4	49
DL2RTJ	105,713	381	6	55
*DK4RR	101,150	456	1	49
DL6ON	98,194	369	11	47
DL5AXX	96,729	375	7	50
*DJ6OI	93,869	327	12	47
*DK5MB	92,934	381	4	50
DL9UP	92,716	402	0	52
*DJ0IF	91,104	430	0	48
*DM6EE	90,200	413	4	46
*DK8NT	89,550	421	3	47
*DL1HBT	86,104	427	3	44
DL3IAE	81,000	289	11	49
DM3XRF	80,699	400	2	45
*DJ9MH	78,048	382	0	48
*DL1KWK	72,588	364	0	46

*DF7RG	68,628	379	0	42
DJ2YA	66,066	110	18	59
*DR4S	64,625	308	0	47
*DL5CL	60,436	207	11	47
*DP5L	59,616	274	5	43
*DJ4WT	57,285	309	0	45
DK1TW	56,496	285	0	44
DQ55DIG	54,870	180	11	48
DK1FT	50,840	295	0	41
*DD1MAT	49,140	249	0	45
*DL1DAW	48,530	208	0	46
*DF7CB	48,134	276	0	41
DJ1AA	48,100	222	0	50
*DF5RF	47,214	242	0	43
*DL2DVE	44,184	247	0	42
*DL5ANS	44,010	219	0	45
DK7ZT	41,715	213	0	45
*DL5NEN	41,452	220	0	43
*DJ4MX	41,272	225	1	43
*DL3RAR	40,530	220	0	42
DJ2BC	39,990	202	0	43
*DL1QQ	39,688	224	0	41
DK5KK	38,786	223	0	43
*DK2AT	36,974	229	0	38
*DJ6TB	36,160	202	0	40
*DL1DTL	35,604	166	0	46
DL5RDO	34,352	208	0	38
DF2RG	32,718	181	0	41
*DL1YEG	32,383	151	0	47
*DL4VK	30,415	207	0	35
DJ5KW	30,155	191	0	37
*DK6QW	29,970	177	0	37
DJ5AM	27,324	133	1	43
*DD5KG	26,964	171	0	36
*DH1TS	25,840	144	0	40
*DM6DX	25,625	150	0	41
*DC8SG	24,185	155	0	35
*DL6RBH	23,264	168	0	32
DK2BJ	22,893	125	0	39
*DG8HJ	21,912	119	0	44
DL3ABL	21,735	97	0	45
*DK1FY	21,645	129	0	37
*DM3ZF	20,520	107	0	40
*DP4X	19,404	130	0	33
*DL5APW	18,690	119	0	35
DJ2TG	16,946	96	0	37
*DJ2MX	16,502	100	0	37
DF7TV	15,295	103	0	35
*DL1SWT	14,157	94	0	33
DJ5LA	13,400	68	1	39
*DL4SDW	12,804	83	3	30
DL7AUO	12,685	57	0	43
DB7BN	12,298	105	0	26
*DL3YM	12,267	96	0	29

*DK1MAX	10,695	110	0	23
*DN5EN	9,599	103	0	29
DK5TA	7,950	71	0	25
*DJ1XT	7,884	65	0	27
*DF4ZL	7,025	68	0	25
*DF2AJ	6,960	47	0	30
*DL1GME	5,313	56	0	21
*DL4FDI	4,872	52	0	21
*DO4OD	4,708	50	0	22
*DD5VL	4,290	35	0	26
DG5E	3,358	30	0	23
*DK5WN	3,114	34	0	18
*DL1MHJ	2,240	34	0	16
DK3UA	1,800	21	0	12
*DL8WJM	1,352	28	0	13
DL5CW	488	10	0	8

Finland

OH3FM	189,200	761	0	50
*OG4T	153,776	534	2	54
OH3OJ	103,684	447	0	46
OH3EX	46,040	228	0	40
OG7F	45,528	212	0	42
OG5O	42,760	208	0	40
OH3JR	23,127	111	0	39
OH5BQ	15,660	103	0	30
OH2KI	13,668	78	0	34

France

F6FYA	277,160	613	27	55
F6EZV	216,938	677	8	54
F8CRS	63,928	195	13	48
*F1FPL	31,529	150	0	41
*F5DRD	21,114	120	2	32
F5NBX	14,896	105	0	28
F5RAB	2,975	33	0	17
*F3WT	1,200	16	0	15
*F5TYY	595	16	0	7

Greece

*SV1CKZ	66,950	261	0	50
*SV2DSJ	45,193	207	0	43
SV1ABB	13,410	86	0	30
*SV2AEL	4,230	45	0	18

Hungary

HA8BT	327,256	823	15	61
HA8BE	320,281	875	12	59
*HA8TKS	275,800	776	12	58
HG5D	234,848	551	22	60
HA7JTR	200,915	605	7	58
HA8V	190,152	664	4	53
HA5UX	163,728	607	3	51

HA3NU	154,837	432	16	51
HA2KMR	153,867	602	0	51
*HA7MF	136,263	516	3	50
*HG6O	127,253	478	2	51
*HA0LC	101,745	454	0	45
*HG6K	73,250	295	1	49
*HA5NX	36,900	183	0	41

Ireland

EI5KG	71,145	311	0	45
EI6JK	58,680	255	0	45

Italy

IK0YUT	573,579	1030	29	72
IK1PMR	344,800	809	23	57
I2WIJ	227,846	594	16	58
IK4VET	200,664	522	22	50
IK3SWB	161,757	353	23	58
IZ4ZZB	152,394	454	10	56
I2IFT	137,982	481	7	51
II4B	129,688	495	4	48
II2A	86,433	368	1	46
IK6VXO	80,878	300	0	53
IK2CLB	73,002	177	14	55
I4VEQ	59,314	252	0	47
I1HJT	54,808	207	5	47
IP1M	50,738	218	0	46
I3FIY	41,925	198	0	43
*IU4JNR	39,144	191	0	42
IZ8DVD	37,338	183	0	42
*IW2FUT	35,316	205	0	36
IZ0CKJ	32,385	119	3	48
*IZ8GCB	32,224	171	0	38
I1NVU	29,862	142	0	42
IZ4BOY	20,466	65	3	51
*IK2ULV	15,360	107	0	30
IK2TDM	12,054	56	0	42
IK8SCR	8,235	65	0	27
IV3VFR	4,800	31	0	25
*IW0GYC	3,383	43	0	17
IW0HEX	270	6	0	6
*IZ0EHL	5	1	0	1

Kaliningrad

UA2FZ	239,148	571	16	62
*UD2F	58,384	277	1	40
*R2FC	49,160	245	0	40

Latvia

YL7X	324,696	729	16	67
YL2VW	151,984	533	1	55
*YL1YF	118,482	479	1	48
*YL1ZF	80,388	363	0	44

*YL2EA	47,970	244	0	39
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Lithuania

LY4A	715,920	1091	29	85
LY7M	432,155	826	21	74
LY5W	417,626	965	12	70
LY2SA	210,012	533	15	59
*LY7K	149,812	576	2	50
LY5R	143,156	547	0	52
LY7T	122,200	523	0	47
LY3B	92,782	405	0	46
*LY2BKT	89,922	434	0	42
*LY2K	85,920	353	6	42
*LY2DX	72,898	362	1	40
*LY2IJ	51,960	262	0	40
*LY3AB	21,308	159	0	28

Luxembourg

LX7I	634,886	1113	31	70
*LX1ER	136,444	309	15	62

Moldova

*ER/UT1ZZ	27,900	183	0	30
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Netherlands

PA5KT	421,011	809	29	64
PA4WM	195,756	550	17	49
PA3FQA	184,590	508	8	62
*PA0O	165,420	538	7	53
PA5WT	132,867	449	11	46
PA4M	95,136	398	0	48
PA3FGA	50,911	199	2	47
*PA9M	45,560	229	0	40
*PC5Q	38,880	219	0	36
PA3AAV	36,400	207	0	35
PG3N	35,861	149	0	47
*PA3DTR	35,088	157	2	41
PI4DX	34,839	136	0	49
PA5MW	22,815	96	1	44
*PA3EVY	20,634	104	4	34
*PA3DSB	20,264	119	0	34
*PA3BUD	7,479	50	2	25
*PC8M	2,156	31	0	14
*PE5TT	2,106	24	0	18
*PA8R	1,881	21	0	19

Norway

LC7X	292,176	760	17	55
LB5GI	131,365	377	12	53
LA4WKA	102,025	369	9	44
*LA3ZA	8,645	47	0	35
LC9T	6,555	56	0	23
LB2TB	5,910	38	0	30

*LB4MI	715	13	0	11
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Poland

SN7Q	749,196	1231	30	78
SP9JZU	411,618	840	23	70
SP1D	404,950	837	21	70
SP3GTS	386,628	838	21	66
*SN7O	340,708	886	17	59
SN9Z	218,160	736	3	57
SP2QG	198,900	667	2	58
*SP7AS	197,760	623	9	55
SP4Z	196,297	527	9	64
*SP7CF	196,056	705	7	49
*SP2R	184,208	633	11	47
SP9LAS	181,048	579	10	51
*SP7M	159,654	545	3	56
SP3VT	158,760	576	6	50
*SP9ATE	152,397	474	4	59
*SP9DLY	142,492	597	3	46
*SN5J	133,773	535	0	51
*SP9W	133,500	544	0	50
*SP9JZT	105,846	481	0	46
SQ7U	105,629	394	6	47
SP3HRN	99,960	403	1	50
*SO7NA	97,470	452	0	45
SO600	91,935	420	1	44
SP4G	63,597	306	0	43
*SQ6MIH	54,180	259	1	44
*SQ9FMU	53,872	307	0	37
*SP8HWM	49,364	251	0	41
*SN4D	46,788	229	0	42
*SP5MX	41,724	232	0	38
*SP9GMI	37,720	190	0	40
*SP5TAT	26,110	154	0	35
*SP7IIT	20,475	108	0	39
*SP9DNO	18,428	106	0	34
*SP5NZF	18,210	121	0	30
*SQ8B	17,184	121	0	32
*SP8K	15,276	84	0	38
*SQ4O	14,850	96	0	30
*SP3BBS	11,328	98	0	24
*SQ3M	10,816	86	0	26
SP5GH	8,897	39	0	41
*SP6IHE	8,208	42	0	38
*SP5SSB	2,145	28	0	15
*SP2WGB	1,404	23	0	13
SP2FWC	390	7	0	6
SP6MAA	350	7	0	7

Portugal

CT1AGS	4,305	35	0	21
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Republic of Kosovo

Z68XX	305,865	943	7	56
*Z66BCC	2,530	22	0	22

Romania

*YO5AVN	167,238	608	1	53
*YO3FRI	85,238	363	1	45
*YO4RDW	72,380	326	2	42
*YO2CEQ	42,714	199	0	42
YO2GL	28,800	140	0	40

Scotland

MM9I	197,516	556	12	55
GM3YEH	176,709	474	15	54
MM1E	100,100	350	5	50

Serbia

YT7KM	541,310	1028	26	69
YT3X	495,222	1010	27	64
*YU5R	154,440	442	12	54
*YU3A	128,450	508	0	50
YT9A	116,174	389	5	53
*YU1ED	80,152	374	0	43
*YU7D	45,990	200	0	45
*YU1LD	21,280	97	0	40

Sicily

*IP9R	102,655	412	2	47
*IT9LXX	29,376	161	0	36

Slovak Republic

OM8CW	505,296	1079	21	66
*OM5ALL	194,990	608	8	54
OM/UT2WW	96,288	399	0	48
*OM8FR	77,792	355	0	44
OM2DX	67,932	257	3	48
OM2KW	59,409	134	15	54
*OM7RM	26,258	137	0	38
*OM3YCA	2,820	39	0	15

Slovenia

S53O	625,695	1071	34	71
S52NY	612,060	1090	32	69
S57Q	483,390	1010	25	65
S51YI	442,728	940	21	67
S56X	371,200	902	20	60
S58Y	346,712	899	17	59
S54A	283,929	782	16	55
S50K	263,160	538	24	66
S53F	213,840	634	12	54
S58M	177,878	573	10	52
S53R	164,464	376	23	53
S51J	156,898	651	0	49
*S51KD	143,520	566	0	52

S53V	137,959	526	0	53
*S57KM	132,692	556	1	48
*S56A	125,979	523	0	49
*S53FO	125,562	501	0	51
S59AA	118,371	471	2	49
*S54X	81,450	334	0	50
*S51W	79,077	381	0	43
S57W	77,271	372	0	43
*S56C	77,130	356	0	45
S54O	57,868	258	0	46
S53MM	52,052	242	0	44
S51RE	51,816	203	1	50
*S51MF	49,343	186	2	51
*S55KA	48,400	229	0	44
S50U	45,064	216	0	43
*S50DK	24,672	160	0	32
*S51RW	19,768	157	0	28
*S59DR	15,040	98	0	32
S51SL	9,715	64	0	29
*S56POU	9,436	69	0	28
*S57PT	7,733	89	0	19
*S50TX	1,616	21	0	16
*S53D	715	12	0	11

Spain

EB5A	534,364	880	34	69
*EA2AZ	262,359	593	27	54
EA5KA	172,718	306	31	60
*ED1R	163,050	390	23	52
EF1A	150,236	387	19	52
EA3AKY	139,100	401	10	55
EA2AAZ	134,568	283	25	59
*EA4M	79,360	224	17	47
EA3AKA	77,825	273	4	51
*EC1A	19,920	96	1	39
*EC3A	18,315	111	2	31
*EC7KW	13,860	82	0	33

Sweden

SE4A	348,348	782	14	70
SE0X	289,414	753	12	62
SM3U	138,550	546	2	48
*SM2M	130,140	477	1	53
8S0DX	122,913	366	9	54
*SD6F	122,256	508	1	47
SM6F	119,748	471	0	51
SE3P	114,402	496	0	46
*SM5IMO	82,464	341	0	48
SM7PEV	60,096	246	2	46
SF5X	58,086	272	2	40
SM3PZG	57,840	236	0	48
SA2CLC	27,684	154	0	36
SM6LJU	27,036	147	1	35
SM5FUG	26,282	159	0	34

SE7T	25,428	76	10	42
SA6AUN	20,280	98	1	39
*SM6OPM	17,400	121	0	29

Switzerland

HB9TOC	343,764	794	21	60
HB9PUE	293,090	796	16	54
HB9CVQ	117,484	508	0	46
HB9AWS	110,415	421	1	50
HB9DQL	110,350	435	0	50
HB9IJC	96,282	340	11	43
HB9AUK	29,070	168	1	33
*HB9CZF	24,816	100	0	47
HB9FMN	15,390	72	0	38
*HB9RB	7,812	74	0	21
*HB9IIH	5,817	55	0	21

Ukraine

UT6UD	530,656	909	25	78
US2YW	419,965	840	21	70
US6EX	273,078	664	14	64
UW5ZO	260,332	668	10	64
UY0ZG	249,584	606	17	59
UY1HY	189,516	537	12	56
*UR7EC	76,544	329	0	46
UX0LL	68,526	292	2	45
UW2U	65,124	229	0	54
*UR5WIF	57,236	282	0	41
UX0KR	56,112	231	0	48
*UZ1WW	38,100	148	0	50
UT3UV	30,158	184	0	34
UW5ZM	28,337	129	0	43
*UY2RA	28,320	186	0	32
UR5W	23,800	135	0	34
*UW7LL	23,720	115	0	40

Wales

*GW4W	40,000	193	2	38
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OCEANIA

Australia

VK3IO	5,943	36	2	19
*VK4DRK	2	1	0	1
VK5SFA	1	0	1	6

Indonesia

*YC1COZ	33	8	0	3
YB1BML	32	4	0	2
YB0SAS	12	6	0	1
*YB2TDP	6	3	0	1

New Zealand

ZL3IO	6,578	35	10	13
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SOUTH AMERICA

Aruba

P40AA	906,756	802	51	63
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Bonaire

PJ4DX	11,475	44	18	9
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Brazil

PP5JR	19,056	42	18	30
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PY2DS	90	2	0	6
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PV8DX	60	3	0	3
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*PY2GTA	14	2	0	2
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PV2K	5	1	0	1
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Uruguay

CX6VM	160	4	2	2
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MULTI OP

NORTH AMERICA

UNITED STATES

MAINE

K1LZ	660,920	1090	56	68
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MASSACHUSETTS

W1UE	531,280	1025	55	61
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N1RR	210,404	709	54	38
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W1FM	19,224	223	33	3
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RHODE ISLAND

W1OP	77,452	383	44	23
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W1MB	12,669	121	33	8
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NEW JERSEY

N2AA	680,720	1266	56	71
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DELAWARE

K9RS	339,942	917	55	51
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MARYLAND

K3AJ	261,456	737	53	51
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K000	235,976	657	56	48
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PENNSYLVANIA

K3LR	633,180	1293	58	64
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K3PH	119,200	473	49	31
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W3GH	49,885	372	44	11
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FLORIDA

K0DI	495,535	1098	54	61
KENTUCKY				
N4SS	309,570	912	57	45
VIRGINIA				
N4RV	282,660	837	55	50
W4TG	55,404	435	48	6
AC8Y	36,300	313	45	5
CALIFORNIA				
N6RO	200,005	740	54	31
N6DZ	31,749	191	45	12
ARIZONA				
NA7TB	198,792	795	55	33
MICHIGAN				
K8LX	298,494	965	55	48
CANADA				
NORTH AMERICA				
Puerto Rico				
KP4AA	560,550	863	52	59
AFRICA				
African Italy				
IG9/S57DX	1,625,740	1405	39	77
ASIA				
Asiatic Russia				
RD8D	362,368	589	1	63
China				
BY1RX	1,368	47	0	6
Japan				
JA3YBK	261,174	390	37	50
JF1AMX	57,810	195	22	25
Thailand				
E20GMY	22,971	96	0	31
EUROPE				
Austria				
OE2S	439,320	992	18	66
Bosnia-Herzegovina				
E7DX	768,768	1306	34	70
E7CW	449,964	966	23	64

Bulgaria

LZ9W	465,465	909	24	69
LZ8A	41,779	194	0	41
LZ2KTS	20,736	110	0	36

Czech Republic

OK5Z	850,593	1362	37	74
OL3Z	675,774	1251	29	70
OK5T	512,544	981	26	70
OL7T	444,744	980	22	65
OL1C	343,651	843	20	57

Denmark

OZ5W	415,166	934	23	59
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England

G4AQQ	378,045	743	29	64
G3V	238,745	714	16	49

Estonia

ES7A	276,556	775	7	61
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European Russia

RL3A	630,813	998	31	80
RO2E	350,468	842	13	69
RA5G	143,700	470	0	60

Fed. Rep. of Germany

DR4A	584,300	1170	28	72
DP6A	568,812	1036	35	72
DP4E	482,314	1053	30	64
DA0BCC	466,348	1057	25	67
DP9A	458,568	1081	23	65
DM4X	415,185	982	25	64
DM7C	368,808	850	23	65
DA0T	352,400	902	23	57
DF0RW	345,630	886	22	60
DA0RR	293,780	854	18	56
DM2X	265,500	754	12	63
DL7A	245,592	719	19	53
DR3V	219,870	672	18	52
DM100FK	70,602	419	0	41

Finland

OG9W	220,902	656	9	57
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Greece

SZ1A	252,945	778	6	57
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Hungary

HG8DX	727,755	1239	29	76
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HG7T	476,862	1023	22	67
HA3DX	390,734	937	21	58

Italy

II2Q	758,117	1189	39	74
IN3ASW	400,752	858	23	65
IO3F	348,600	822	18	65

Kaliningrad

UA2FW	411,966	916	17	64
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Liechtenstein

HB0DX	838,559	1384	34	73
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Lithuania

LY2XW	326,664	795	17	61
LY2J	179,496	663	5	49
LY2ZO	92,752	427	0	44

Netherlands

PA5PR	155,556	520	9	49
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Poland

SN2B	628,657	1180	24	73
SP8R	585,981	1086	26	73

Sicily

II9P	513,518	945	34	63
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Slovak Republic

OM7M	973,777	1400	39	80
OM4Q	129,384	471	4	50

Slovenia

S50C	945,174	1402	39	75
S50W	674,956	1169	35	72
S53M	518,504	1030	28	66

Sweden

SC7DX	552,601	1151	22	67
SD6D	84,040	383	0	44

Ukraine

UR4UWY	45,200	229	0	40
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OCEANIA

Hawaii

NH6V	313,365	485	51	14
KH6KB	70,312	154	37	10

Indonesia

7D1C	13,128	65	2	22
	Philippines			
DV3A	22,608	96	4	20
	SOUTH AMERICA			
	Curacao			
PJ2T	998,016	891	51	62

Check Logs

Check Logs: 4U9A CX2DK DL0XM DL1EMY DL6KVA DL7VEE DM5DX E73A EA5JDN
EA7TG GU4EON HB9AMO IK1YDB IZ3GNG JF2CTS K3WW K3WWT KE8Y KK8X LZ1YF
N3IQ N4PL N8ECI OK1DWC OK1MNW OK7SX OM1II OM3WC OM5CD PA7JWC R2AB
R2HB R3ZP R8TT RA3FD RA9AU RA9MX RC0L RC7C RK4NB RM2A RM4W RN2F
RV6ASU RV9UDO RZ1O S50ASG S50O S50X S52C S52F S53EOP S53K S53MK S53NO
S53Q S53TD S54E S57OT S57PKT S57X S59AW S59DCD SM0Q SN2W SP4W SP7JLH
SP8SN SQ9NFC SV3RF SV9DJO TF3SG UA3AGW UA3P UA9R UR1HR UW3HM VE3ZI
W1FA XE2X YO9HP YT0A Guest Ops
GUEST OPS 3V8SF (KF5EYY) 4U1A (YL2QN) 4U9A (9A3A) 7D1C (YB1MR YB1CLE
YB1DSV YB1EME YB1NWP YB1TIA) 7S2A (SA2SAA) 8J60KKC (JH6NBW) 8S0DX
(SM0DSG) 9A3B (9A2VR) 9A5Y (9A5DX) AA6AA (AA6AA @W6UC) AC8Y (AC8Y K8LF)
BY1RX (BH1LHS BD1RX) CR3W (DL2RMC) CR6K (CT1ILT) CT9ABO (OM3GI) D4Z
(IK2NCJ) DA0BCC (DL8DYL, DL9DRA, DM7XX, DL3DXX) DA0RR (DJ7YP DF6QV) DA0T
(DJ0IF DK8MM DL4HG DL7AT DM1BM) DA3X (DL5JS) DF0RW (DL6DCD DL1EFW)
DF8V (DF8VO) DG5E (DK2CX) DK0MN (DK3YD) DK2A (DC8YZ) DL0FR (DJ5IW)
DL0MCM (DL6KWN) DL0NG (DK8NC) DL0RCP (DL3ARM) DL0RDG (DL9GWA) DL0RTA
(DL6KWN) DL0XM (DL3XM) DL3AN (UT1AN) DL7A (DF4XG DH2IF DJ2XY DL2OAT
DO5NU) DM100FK (DL5YL DL5YM) DM2X (DK4WW DL5CW) DM3F (DH5FS) DM4X
(DD2ML DK5TA) DM7C (DL6CX DL7CX) DM7W (DL8MAS) DN5EN (LENNY) DP3P
(DF1OE) DP4E (DK3QZ DL1EKC DL3HAH DL4YR) DP4X (DJ4MX) DP5L (DH1TST) DP6A
(DL5KUT DL6DH DL8OH) DP9A (DK1DSA DK4WA DL5YYM DL8UAT) DQ55DIG
(DK7ZT) DR3V (Felix DL6JF) DR4A (DB2WD DH2WQ DK5PD DL6WT) DR4S (DJ2QV)
DR5W (DL1RTL) DR5X (DL8LAS) DV3A (DV3A DU3LA DU3JH) E20GMY (E20GMY
E20MDN HS6MYW) E75RKM (E77D) E75RKP (E75MHM) E7CW (E75M E74O E73QI
E79AA E77FA E75M E75OMS) E7DX (E70T E77EA) ED1R (DH1TW) EF1A (EA1X) EF5U
(EA5U) ES7A (ES7GN ES7GM ES5NY) G3P (G3WPH) G3T (G3vgz) G3V (G4KZD G4HHJ
G4HSO G4IVV) G4AQG (G3XDK, G4FNL) G5W (G3BJ) G6T (G4MKP) G6XX (G4FAL)
GM4Z (GM4ZUK) GW4W (GW4EVX) HA1BC (DL1MAJ) HA3DX (HA4FB HA5IW HA5VJ)
HB0DX (DJ5MW DL1MGB DL5LYM) HB9PUE (HB9DHG) HG5D (HA8QZ) HG6K
(HA6AK) HG6O (HA6OA) HG7T (HA7TM HG5DX YO5OHO) HG8DX (HA8DJ HA8DU
HA8DZ HA8FM HA8GY HA8JV HA8KW) IG9/S57DX (S57DX S51V S52OT S54W S57UN
S56N S59A A65BB IG9ITO) II2Q (IK2JUB IK2PFL IZ2DII) II4B (IK4AUY) II9P (IZ8JAI
IT9NJE IV3YYK IT9GSF IT9CHU IT9CJC IT9EQO) IN3ASW (IN3ASW IN3LBQ IN3NJB
IN3WDJ) IO3F (I3VWK, I3VUK, IK3VUU, IZ3ETC, IZ3KIF, IZ3SQW) IP0A (IS0JHQ) IP1M
(IZ1LBG) IP9R (IT9IVU) IQ5OX (IZ5FDE) IQ5PJ (IV3DLW) IQ7YU (ik7lyw) JA3YBK
(JG3KIV, JG3MRT, JG3WDN) JA4YPE (JM1QPR) JF1AMX (JF1AMX JF1HYA) K0DI (K0DI
WJ9B N2CEI K4SME) K00O (WA3EKL K00O KB3VQC N3DPB K3MTR WT3K) K1LZ

(K1LZ K3JO) K3AJ (K3AJ ND3D K3WA WT3K) K3AU (K2YWE) K3CCR (N3UM) K3LR (K3LR K3UA N3GJ KE8LQR N2NC) K3PH (K3PH W3MF) K3WWT (K3WWT @K3WWT) K6KM (K6KM @W6SRR) K7RAT (N6TR) K8LX (K8LX N8EA W8ZDT) K9RS (K9RS N3DXX) KH6KB (N6KB KH6LC) KH7A (JA5DQH) KI6RRN (KI6RRN @WA6TQT) KM7W (KL9A) KM9P (K0EJ) KP2M (KT3Y) KP4AA (KP4AA W2XX N2TX) LA/DL4HCF (DL4HCF) LC2D (LA6ZFA) LC9T (LA9VKA) LC9X (LA9XGA) LX7I (DL3BPC) LY2J (LY2J LYR346) LY2XW (LY2XW LY2MV) LY2ZO (LY5AA LY4R LIVIJA EVALDAS KAJUS ERIKAS TAJUS) LZ2DF (Mincho) LZ2KTS (LZ2TS LZ2QW) LZ4A (LZ1YQ) LZ6O (LZ3DX) LZ8A (LZ4RI LZ2WM) LZ9W (LZ1PM LZ1UQ) M0X (M0RTI) M4J (G0DVJ) M5B (g3wvg) M5M (G4BRK) MM1E (MM0GOR) MM9I (GM0OPS) MU5E (GU4YOX) N0UD (WB0OAJ) N1RR (N1RR NC1VR KI1U) N2AA (K2TW KE2D KU2C N2HM W2CG W2GD W2NO W2RQ WW2Y) N3IQ (ND3F) N4RV (N4RV NN3W) N4SS (W5MX N4GO) N6DZ (W6NV, KX7M) N6RO (WD6T, WU6P, N6RO) N7AT (K8IA) N7KU (NJ6D) N7XU (K4XU) NA7TB (KY7M K9DR N5OT) NC1CC (WA1BXY) NC9F (K0PG) ND7K (W4IX @N6WIN) NH6V (NH6V AH7RF) NP2J (K8RF) NP2X (K9VV) OE2S (OE2LCM OE2VEL) OE3G (OE3KAB) OE5TXF (G3TXF) OG4T (OH4MFA) OG5O (OG55W) OG6N (OH6NIO) OG9W (OH2BCI OH2TA) OH0Z (OH2N) OH2BA (M0CFW) OH3Z (OH1NX) OH7K (OH7MA) OK/EA5GX (EA5GX) OK5T (OK1DGU OK1RP OK1DZR) OK5Z (OE3WMA OK2AF OK2ARM OK2EW OK2NMA OK2ZA OK2ZC OK2ZI OK2ZT) OK6N (OK2PTS) OK6Y (OK2PTZ) OK7K (OK1GK) OL0A (OK1CZ) OL0W (OK1DSZ) OL1A (OK1CW) OL1C (OK1DOY OK1FPQ OK1NG OK1IEC) OL1T (OK6DJ) OL2C (OK2YT) OL3R (OK1VWK) OL3Z (OK1DQT OK1FCJ OK1FPS OK1HMP) OL4W (OK1IF) OL6B (OK6AB) OL6D (OK1DWQ) OL7P (OK1CRM) OL7T (OK2BXU, OK2PKU, OK2BZM) OM/UT2WW (UT2WW) OM4Q (OM4KW OM3BY OM6MW) OM5R (OM5WW) OM7K (OM7RU) OM7M (OM2KI OM2IB OM4MW OM5RW OM5ZW) OP3T (ON7EH) OR3A (ON6CC) OU2V (OZ1FJB) OZ0B (OZ1ISY) OZ5W (OZ1ETA OZ2KL OZ2A OZ2U) P33W (LZ2HM) P40AA (DL4MM) PA5PR (PA5PR PA2DK) PA6AA (PB7Z) PJ2T (W8WTS K8ND) PV2K (PY2KNK) R2HB (Yuri) RA5G (R3GM, R5GR, RN3GQ) RD8D (RX9CAZ R8FF) RK3T (RK3TD) RL3A (RL3FT RX3APM) RO2E (RU3EG RW3XA R3XX RA1ZZ RM2E) S50ASG (S0ASG) S50C (3CC S53RM S53WW S55OO S57AL S57C) S50IPA (S58MU) S50W (S57K S51DI S51NM S57XZ S51D) S52C (S50X) S53D (S57TRP) S53EOP (S50X) S53M (S53ZO S52ZW S51FB) S53NO (S53TD) S57OT (S570T) S59BDE (S59DR) S59DCD (S50X) S59IPA (SILVO) SC7DX (SM0GNS SM0HPL SM5GLC SM7GIB SM7HJZ SM7IUN) SD6D (SA6NIA SM6RXZ) SD6F (SM6JWR) SE0X (SM0MDG) SE3P (SA0BYP) SE4A (SM4HCM) SE6K (SM6FZO) SE7T (SM7BCX) SF5X (SM5EFX) SM0Q (SM0OGQ) SM2M (SM2LIY) SM2U (SM0CXU @SM0T) SM3U (SM0MPV) SM6F (SM6CUK) SN2B (SP2FAX SQ2GXO SP2MKT SP2MKI) SN2N (SP2FVN) SN4D (SP4GAP) SN5J (SP5JXK) SN7O (SP7IVO) SN7Q (SP7GIQ) SN9Z (SP6EQZ) SP8R (SP8GQU SP8R) SZ1A (SV1DKD SV1DPJ SV1DAY SV1DPI) UA2FW (UA2FW UB2F RA2FA) UC8Y (RT9YW) UR4UWY (UR3UW . UX3UV . UX6MX) UR5W (UW1WU) UW2U (UR8UQ) V26OC (N3OC) VE3ZI (ve3zi) W0AIH (K0TG) W1FM (W1FM N1SOH) W1LQ (WW1ME) W1MB (K1DFT, WI1I) W1OP (AJ1S, K1DT, N1DM, W1AXB) W1UE (W1UE W1KM NN1C) W2CCC (K2CS) W3GH (AG3I NM3A WC3O N2MA) W4CB (W2RU) W4TG (W4TG, N2AW KI3C) W4TJM (WB4OMG) W7CXX (WA7LNU) W7RN (K5RC) WA2CP (KC2GOW) YL1YF (YL3GAZ) YL7X (YL2LY) YT0A (yu1el) YT7A (YU7GW) YU5R (YT2AAA) Z66BCC (DG5CST) Z68XX (DL2JRM)