

Number groups after calls denote score, total QSOs, W/V multiplier, countries worked. Total multiplier is the addition of the W/V and countries. Multi-op scores follow single-op listings. An asterisk (\*) denotes low power. State, province, and country certificate winners are listed in bold.

2016 CW RESULTS SINGLE OPERATOR NORTH AMERICA UNITED STATES

Table listing call signs and scores for Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont, New Jersey, New York, Delaware, Maryland, Louisiana, Mississippi, New Mexico, Pennsylvania, and Alabama.

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	Dominican Republic				Czech Republic				Lithuania				SM7PEV											
H3CC	37,350	143	36	14	OK7W	689,535	1272	31	68	LY25A	684,384	1272	26	70	*SA6W	62,055	265	0	45					
H3CY	10,220	55	26	9	OL1A	502,524	998	28	66	LY4A	611,904	1194	24	72		Switzerland								
H3TT	6,501	37	22	11	OL5Y	354,960	732	29	58	LY5R	460,649	1095	17	62		238,700			749	9	53			
					OL0W	316,820	849	14	59	LY3B	299,570	1001	5	53		HB9LH			67,322	325	0	41		
	Mexico				*OK2BFN	275,088	837	10	56	*LY7Z	252,225	841	4	55		HB9JO			8,497	61	0	29		
XE2X	634,403	1040	57	50	OK1DTC	137,862	517	1	53	LY2W	249,375	857	4	53		HB9FN			846	12	0	9		
*XE2FGC	6,960	46	24	5	OK2ZV	101,868	398	3	49	LY3N	216,456	723	2	56		Ukraine			580,536			987	24	75
	U.S. Virgin Islands				OK1DOT	93,056	271	12	52	LY2BK	177,002	757	1	46		UW2M			304,780	858	7	63		
NP2J	414,920	605	50	60	*OK2QA	86,976	367	3	45	*LY0	141,015	540	2	49		UT5G			282,230	859	6	59		
KV4FZ	410,930	610	52	57	*OK1AY	78,390	366	1	44	*LY2DX	112,608	496	1	45		UT7N			273,370	789	13	57		
	ASIA				OK1VK	72,324	363	0	42	LY2BAW	101,196	358	2	52		UTXU			270,140	821	8	57		
	Asiatic Russia				OK1V	65,317	267	2	47	*LY2CD	96,961	413	0	47		UX3HA			245,890	727	10	57		
RA9Y	491,790	825	1	64	OK3M	51,619	259	0	41	LY2JY	90,100	324	0	53		UR7LY			228,990	653	8	58		
RT9S	338,010	638	1	56	OK1DRX	47,740	292	0	35	LY2LV	56,328	249	2	44		UTSEL			228,150	695	7	58		
RG0A	216,370	434	0	55	OK2DM	41,580	258	0	35	LY1R	14,645	108	0	29		UT4XU			221,898	715	5	57		
RG9A	141,165	343	0	45	OK1TM	41,480	210	0	40		2,093	34	0	13		UT4LU			193,238	732	2	51		
RV9UP	137,004	328	0	49											*UX1VT			163,149	649	0	51			
*RW9DX	119,970	304	0	43											UT2IO			155,714	581	1	52			
RU0A	107,744	242	1	51											UT3N			129,528	449	2	54			
RN9N	102,258	256	0	46											UR7N			125,856	535	2	46			
UA9BA	88,044	200	0	46											UY5Z			121,264	468	1	52			
RW9WT	79,521	223	0	39											UR7R			105,386	475	0	46			
RT9T	49,686	130	2	37											UY3AW			91,465	316	7	48			
RM0F	33,350	233	9	16											*UR3LPM			73,790	302	1	46			
*RH9AG	31,264	123	0	32											UX9W			58,425	289	0	41			
*RL9Y	5,301	36	0	19											UT8EU			51,408	197	0	51			
UA0LHS	4,432	45	4	12											UT5ECZ			42,763	196	0	41			
RQ0AM	1,362	36	8	8											UR7CB			41,436	274	0	36			
RU0LL	248	16	0	2											*UW1WU			39,406	240	0	34			
*RADANO	14	2	0	2											UT7VR			36,848	124	7	42			
	Asiatic Turkey														UR6EA			33,263	187	1	36			
*TA2AD	9,870	47	0	21											UX4UA			23,556	113	0	32			
															UT2AB			21,420	113	0	36			
BA5CW	38,550	209	3	27											UR5E			18,163	82	1	40			
															*UY5OZ			704	13	0	11			
P33W	1,274,316	1296	28	75											UT3LR			468	18	0	6			
															US3LR			180	6	1	5			
	Japan														Norway			122,550	472	4	46			
JH2FXK	166,868	300	28	41											L6A7P			101,787	212	0	39			
JE1BMJ	159,658	150	18	28											L6BCX			39,340	223	1	34			
JA1PTJ	19,200	68	10	22											L6ZSU			25,840	133	0	38			
JF3LOP	17,197	103	9	20											L6A2S			6,942	53	0	26			
JH1RFM	16,200	61	10	20											Poland			402,376	1023	12	61			
JA1DUHJ	15,984	48	13	24											SF06TS			290,363	696	17	62			
*JA1SVP	13,312	76	9	17											*SDR			267,389	719	13	53			
JA6ZPR	10,625	60	7	18											*SP3UR			187,488	682	6	48			
JA40PW	10,320	74	7	17											*SP6NIC			165,500	669	3	47			
JA2AXB	9,152	42	5	21											SP6T			155,428	496	10	51			
J07KMB	8,904	73	2	19											*SP4W			143,259	561	1	50			
JH5MXB	8,400	46	4	17											*SP5TAT			126,567	517	2	47			
JM1NKJ	5,220	80	0	15											SP4Z			121,576	417	2	54			
JE1CKA	4,270	79	6	8											SP1HGM			92,356	426	5	39			
JR2AWS	4,000	47	7	9											SP3JUM			76,219	382	0	41			
JA7GYF	3,263	32	5	8											*SP2DKI			61,335	276	1	44			
J11AYY	2,530	53	6	7											SPBK			55,298	261	1	42			
JN3TMM	2,652	43	3	10											*HFID			35,172	196	1	35			
JH10AI	2,450	20	3	11											S05LTL			20,010	139	0	30			
JA11XY	2,015	18	2	11											*SP2QG			19,053	134	0	29			
J11ANI	1,680	20	0	10											SP9HVZ			9,060	63	0	30			
JH6WHN	1,632	28	3	9											SP2SA			1,904	26	0	16			
*JA7ZP	1,260	16	1	9											*S08NBZ			550	10	0	41			
JE4KHJ	1,143	17	1	8											*SP2WGB			100	5	0	4			
*JS0RTJ	1,092	29	1	9											Romania			466,140	1004	22	63			
*JH0DRL	1,050	55	0	8											Y03APJ			203,830	725	1	54			
JH1CTJ	987	44	1	6											Y05AJR			173,240	535	5	56			
JA300K	979	13	1	10											Y09WF			112,330	467	2	45			
*JF3GFH	800	20	2	6											Y02GL			64,944	287	0	44			
JA30V0	248	25	0	4											YR8D			43,560	244	0	36			
*JABELV	204	10	0	4											YPA			11,772	61	0	36			
JH1HXU	20	2	0	1											Y02MFC			1,300	15	0	13			
JF1RPZ	10	2	0	2											Serbia			708,246	1279	28	71			
	Kazakhstan														Y09WJ			83,580	399	0	42			
UN7LZ	738,507	1165	2	67											*YU1EL			74,499	242	1	56			
UN9LW	138,700	293	0	50											*YU1FG			66,360	327	1	39			
UN9L	128,742	318	0	43											*YU1HA			61,480	300	0	40			
*UN4PD	26,568	112	0	27											*YU2U			43,527	267	0	33			
															*YU5N			42,879	236	0	36			
															*YU3W			9,960	65	0	24			
	South Korea														Sicily			834,388	1236	40	76			
DS5DNO																								



V47IR *V47ST	BRITISH COLUMBIA 6,825 74 20 1 441 11 9 0	*R7MU 88 5 0 4 *RK2M 36 3 0 3	Latvia 2,860 25 0 22	Ukraine 127,795 411 9 52 126,500 461 4 51	England 60 4 0 3	
ZF2AM	NORTH AMERICA Cayman Islands 454,248 759 54 54	*TA1ED 88 5 0 4 European Turkey 47,766 238 0 38	Lithuania 152,130 544 5 50	M1DDD	European Russia 11,804 96 0 26	
*CO3VR	Cuba 11,715 69 23 10	OH2XX 300 0 41 *OH5HM 265 0 40 *OH6ECM 31,760 160 1 39 OH6K 30,360 153 0 40 *OH3P 19,124 142 0 28 *OH3KQ 12,750 105 0 25 OH3FM 2,640 33 0 16 OH6TJ 150 17 0 10 *OH6EPM 850 5 0 6	LY4T 106,831 463 1 46 LY5F 36,120 168 1 42 *LY5W 34,225 191 1 36 *LY1FK 33,845 197 0 35 LY5O 21,910 131 1 34 *LY5I 17,112 115 1 30 LY2J 14,790 103 0 30 *LY5CB 14,297 103 0 29 OH3M 10,396 97 0 23 LY980 5,166 60 0 18 *LY7W 5,106 47 0 23 *LY2TS 72 6 0 3	Ukraine (cont.) 55,419 206 0 39 *UT2AA 28,560 148 1 39 *UT8B 26,452 167 0 34 UKS5 24,314 155 0 33 *US7VF 22,784 147 0 32 21,175 123 1 34 *US0MS 20,860 124 1 34 US7IA 19,836 145 0 29 UT5CB 17,794 129 0 31 *UTDNB 17,476 108 1 33 *UX1L 16,688 124 0 28 *UT7AW 16,430 111 1 30 *UX6IR 14,940 102 1 29 *UV5EEO 13,659 100 0 29 *UR5CN 12,905 94 0 29 *UT8K 8,120 59 0 28 *US6IKF 6,792 55 1 23 *UT5HX 3,893 50 0 17 *UR5RP 3,824 52 0 16 *UT5EP 2,912 43 0 16 *UR4CYT 2,236 38 0 13 *US5LQD 2,088 24 0 18 *UR5NT 1,036 18 0 14	Germany 28,234 178 2 36 1,833 33 0 13	Greece 420 12 0 7
*KP4KE	Puerto Rico 302,543 490 46 51	F660X 102,602 314 10 51 *F1ULQ 100 5 0 4	Netherlands 125,115 427 7 50 PA1NHZ 41,287 206 1 40 *PA8KW 27,738 115 4 42 *PE1EWR 15,213 92 1 32 *PADMR 11,780 70 0 31 PA9D 2,414 27 1 16 *PAQSDZ 2,200 21 1 19 *PAOTCA 1,905 25 0 15 *PAQMBJ 1,496 29 0 11	Hungary 17,852 324 1 43	Lithuania (cont.) 17,632 124 0 29 5,364 68 0 18	
*KP2XX WP2B	U.S. Virgin Islands 10,131 55 20 13 7,743 52 22 7	DF2JD 107,688 425 6 50 DKGXB 89,144 473 1 43 DKORX 81,648 310 6 50 DJ5IW 74,064 344 5 43 DL7AW 70,272 326 2 46 *DL0NG 68,085 356 2 43 DJ5MN 60,231 260 4 47 DG1VL 59,737 277 4 43 *DK1KC 42,861 255 0 39 *DL6MG 41,888 223 0 44 *DK5DQ 39,438 218 1 41 *DL1DXA 38,528 199 1 42 *DK2LO 37,539 198 1 42 *DJ9MH 35,480 206 2 38 *DL9CW 35,383 199 1 40 *DL4ZA 32,526 202 0 39 *D04DD 28,548 192 0 36 *DL8A 28,440 188 1 39 DK0WRTC 27,380 176 1 36 *T4UW 27,159 196 0 33 *DL6NAL 27,000 152 1 39 DM2BPG 26,130 157 2 37 DK05U 25,596 172 1 35 *D05MEX 23,328 152 0 36 *DL6BH 23,086 159 0 33 *DJ4MH 22,932 160 0 36 DL1TPY 21,279 114 0 41 *D09WG 21,024 135 0 36 *DL1BUG 20,460 147 0 33 DL1DYL 19,305 131 0 33 *DK7CH 17,825 135 0 31 DH1TST 17,680 116 1 33 *D05SB 16,802 122 1 30 *D03CT 14,751 97 2 31 *DL6RAI 14,105 87 0 35 *DL0UM 13,369 108 0 29 DK00G 12,122 100 0 29 *DK3GI 11,670 87 0 30 *D01UKR 11,394 108 0 27 DL5AW 9,234 80 0 27 *DL1ATZ 8,372 85 0 23 *DL9NEI 8,284 85 0 23 *DF6RI 7,898 78 0 22 *D02MRC 6,768 65 0 24 *D05MLA 6,672 61 0 24 *D05LV 6,360 58 0 24 DL7LX 5,994 47 0 27 *DL8ZU 5,808 63 0 22 *DF4RD 5,742 42 0 29 *DL1ZBO 5,082 57 0 21 DL4LAM 4,876 45 0 23 *DJ9SN 4,851 50 0 21 *DK6SP 4,840 52 0 22 *DG7JB 4,484 54 0 19 *DB7MA 4,320 60 0 18 *DK2U 4,268 42 0 22 *DL6MFK 3,740 33 0 22 *DK4VF 3,088 43 0 16 *DL1MRD 2,924 40 0 17 *DK3YD 2,652 39 0 17 *DL1FW 2,355 37 0 15 *DL1HCR 1,860 32 0 15 *DK0MN 1,484 26 0 14 DK1AX 1,008 18 0 12 *D07DX 897 15 0 21 *DJ3CS 720 21 0 8 DJ6TB 536 14 0 8 *DL1MRD 504 18 0 7 *D02HEY 392 11 0 6 *DG7RO 336 13 0 6 *DD5MA 266 10 0 7 *DL1YCF 48 5 0 3 *D06RI 5 1 0 1 *DM5JBN 1 -3 0 0	Norway 161 2 39 34,317 159 1 41 LB9RE 25,764 135 0 38 *LA1DSA 8,640 70 1 23 *LA8OKA 3,800 40 0 19 *LA7TN 2,660 37 1 13 *LB1LG 336 9 0 8 *LB8MG 36 3 0 3	Poland 148,980 570 5 47 148,380 584 7 53 73,935 334 1 44 44,505 208 2 41 *SP2MT 34,225 192 1 36 *SP9DY 26,524 145 1 37 *SP6SN 19,034 126 0 31 *HF1D 17,187 124 0 29 *SP5XOV 15,457 111 0 29 SP2KAC 13,620 94 0 30 *SQ2WHH 13,524 101 0 28 *SP1V 13,514 97 0 29 *SQ2EAN 11,845 109 0 23 *SP3JUN 11,520 81 1 29 *SP7JD 9,256 72 0 26 SP3BGC 8,338 49 0 34 *SQ9PT 7,935 72 0 23 *SQ5MXX 1,222 20 0 13 *SP1EG 962 16 0 13 *SP3CMX 770 9 4 7 *SP9CD 770 14 0 11 SG9V 495 11 0 9 *SP1RF 200 8 0 5 *SP3MEP 24 3 0 2	Wales 5,610 50 0 22 800 16 0 10	Romania 2,422 36 0 14
*RWF UA9MA *UA9SIV *RA9EA RW9QA RV9CJ *UA9NP	AFRICA Canary Islands 66 3 0 3	Germany (cont.) 107,688 425 6 50 89,144 473 1 43 81,648 310 6 50 74,064 344 5 43 70,272 326 2 46 68,085 356 2 43 60,231 260 4 47 59,737 277 4 43 42,861 255 0 39 41,888 223 0 44 39,438 218 1 41 38,528 199 1 42 37,539 198 1 42 35,480 206 2 38 35,383 199 1 40 32,526 202 0 39 28,548 192 0 36 28,440 188 1 39 27,380 176 1 36 27,159 196 0 33 27,000 152 1 39 26,130 157 2 37 25,596 172 1 35 23,328 152 0 36 23,086 159 0 33 22,932 160 0 36 21,279 114 0 41 21,024 135 0 36 20,460 147 0 33 19,305 131 0 33 17,825 135 0 31 17,680 116 1 33 16,802 122 1 30 14,751 97 2 31 14,105 87 0 35 13,369 108 0 29 12,122 100 0 29 11,670 87 0 30 11,394 108 0 27 9,234 80 0 27 8,372 85 0 23 8,284 85 0 23 7,898 78 0 22 6,768 65 0 24 6,672 61 0 24 6,360 58 0 24 5,994 47 0 27 5,808 63 0 22 5,742 42 0 29 5,082 57 0 21 4,876 45 0 23 4,851 50 0 21 4,840 52 0 22 4,484 54 0 19 4,320 60 0 18 4,268 42 0 22 3,740 33 0 22 3,088 43 0 16 2,924 40 0 17 2,652 39 0 17 2,355 37 0 15 1,860 32 0 15 1,484 26 0 14 1,008 18 0 12 897 15 0 21 720 21 0 8 536 14 0 8 504 18 0 7 392 11 0 6 336 13 0 6 266 10 0 7 48 5 0 3 5 1 0 1 1 -3 0 0	Indonesia 84 10 0 3 *YB1CYD 18 9 0 1 *YB1BG 16 8 0 1 *Y1CDV 10 5 0 1 *Y1CDSX 8 4 0 1 *Y1BQ 2 6 0 1 *Y1BQ 1 4 0 1	Spain 8,062 57 1 28		
*TA4MA *TA4AKS *TA4QF *TA4SE *TA2PL	ASIA Asiatic Russia 86,469 223 0 41 28,272 97 0 31 6,358 99 0 17 4,144 36 0 14 RW9QA 2,772 30 0 12 RV9CJ 280 8 0 5 *UA9NP 8 4 0 1	Poland (cont.) 148,980 570 5 47 148,380 584 7 53 73,935 334 1 44 44,505 208 2 41 34,225 192 1 36 26,524 145 1 37 19,034 126 0 31 17,187 124 0 29 15,457 111 0 29 13,620 94 0 30 13,524 101 0 28 13,514 97 0 29 11,845 109 0 23 11,520 81 1 29 9,256 72 0 26 8,338 49 0 34 7,935 72 0 23 1,222 20 0 13 962 16 0 13 770 9 4 7 770 14 0 11 495 11 0 9 200 8 0 5 24 3 0 2	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
*EX8MK	Kyrgystan 490 8 0 7	Portugal 52,416 187 8 44 28,796 113 6 40	Romania 72,283 336 1 42 61,318 284 0 45 59,491 292 1 40 42,035 242 0 35 28,224 156 1 35 21,978 135 0 30 8,016 70 0 24 5,940 56 0 22 1,032 19 0 12	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
*ONSZR	Belarus 133,278 495 3 49 118,152 420 3 51 EW6W 69,132 325 0 42 EU2AW 55,930 232 2 45 *EWRB 44,118 230 1 37 EW8DX 11,525 97 0 25	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11
*E740 *E71EE	Bosnia-Herzegovina 148,400 511 4 52 56,498 270 1 40 25,674 158 0 33	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
SV9COL	Crete 3,895 40 0 19	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
*9A1E 9A4W *9A1MM *9A2XW *9A2VX	Croatia 37,713 193 2 37 34,544 204 0 34 22,909 147 0 31 3,230 37 0 17 640 15 0 8	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
*OK1HFP *OK1AW *OK1MKU *OK2BRQ *OK2TS *OK2UW *OK1FMX *OK1XC *OK1KZ *OK2SGY	Czech Republic 69,435 310 2 43 56,160 297 1 38 25,208 101 6 40 24,750 158 0 33 23,498 159 0 31 7,556 72 22 5,250 51 1 20 3,363 38 1 18 2,448 28 1 16 923 16 0 13	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
OZ40 *OZ1D OZ7EA	Denmark 19,550 113 1 33 15,300 106 0 37 2,030 29 0 14	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
*G3VAO G4AFJ *G3F M3C *G3VGZ G0AZH G3SWC *MOTOR	England 38,916 157 7 40 33,984 133 7 41 29,674 168 0 37 24,860 141 1 35 24,080 120 2 38 14,421 87 0 33 13,233 81 0 33 513 12 0 9	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
*ES4NY ES2IPA	Estonia 14,094 98 0 29 7,016 64 0 22	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
*RW1F UA1ANA RC5Z RA5AO UA1GEI *R1ZF R5ER UA6AH RA10R *R7KR RA30A *RD1D R30F *R7NA *RZ3DW RV1CC *RW1AI *UA6JQ	European Russia 49,200 243 0 41 41,000 207 0 40 30,695 178 0 35 27,968 154 0 38 23,364 141 0 36 18,292 108 0 34 16,082 99 0 34 12,499 86 0 29 12,238 88 0 29 10,175 86 0 25 9,352 69 0 28 8,568 86 0 21 8,512 60 0 28 8,214 59 0 28 8,630 43 1 29 6,182 54 0 22 1,056 21 0 11 708 13 0 12	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
*HA4XH *HA5MY *HA8NL *HA0HW HA7JOK	Hungary 182,062 613 6 52 32,868 180 0 36 27,714 181 0 31 8,960 66 0 28 7,325 60 0 25	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870 48 0 18 1,001 20 0 11	
TF2LL	Iceland 72,345 258 6 47	Romania (cont.) 52,416 187 8 44 28,796 113 6 40	Switzerland (cont.) 15,680 72 3 37 8,400 73 0 24	Ukraine (cont.) 13,659 100 0 29 12,905 94 0 29 8,120 59 0 28 6,792 55 1 23 3,893 50 0 17 3,824 52 0 16 2,912 43 0 16 2,236 38 0 13 2,088 24 0 18 1,036 18 0 14	Ukraine (cont.) 15,993 122 0 27 6,040 67 0 20 5,880 45 0 25 4,860 53 0 20 3,870	



<b>GEORGIA</b>				<b>MINNESOTA</b>				<b>R3LA</b>				<b>Slovenia</b>				<b>ASIA</b>													
N04I	61,578	410	52	14	W0AD	12,857	133	39	4	12,492	121	2	37	S530	281,200	702	19	57	UA9A	Asiatic Russia									
N4GG	21,450	180	40	10	K0PK	10,320	106	36	4	*R4Y4	19,110	116	1	31	S570	117,370	419	2	53	YK4KT	28,110	99	1	29					
<b>KENTUCKY</b>				<b>MISSOURI</b>				<b>RL4A</b>				<b>S50A</b>				<b>Asiatic Turkey</b>													
K4WW	49,800	362	52	8	K10I	87,186	580	55	11	*R4A4A0	11,368	78	0	29	S50F	91,234	299	9	49		4,785	34	0	15					
A4JA	14,564	143	39	5	K0JRM	40,237	294	50	9	*R4A4A0	6,650	53	0	25	S52WW	84,040	426	0	40		4,420	26	0	17					
N4QS	10,108	121	36	2	K0JPL	38,019	288	49	8	UA10MS	5,232	43	1	23	S540	36,822	198	1	37										
<b>NORTH CAROLINA</b>				<b>NORTH DAKOTA</b>				<b>*R76A</b>				<b>*S57KM</b>				<b>EUROPE</b>													
WJ2D	166,888	677	57	35	W00S	8,399	100	36	1	*R4FA	45	3	0	3	S51D1	11,640	82	0	30	CR2X	Azores	691,416	861	50	58				
K40V	67,914	417	47	19	<b>CANADA</b>				<b>European Turkey</b>				<b>Spain</b>				<b>Balearic Islands</b>												
N1FLN	64,914	467	51	11	<b>NEW BRUNSWICK</b>				<b>Finland</b>				<b>87,240</b>				<b>185,955</b>												
WS4NC	47,760	320	44	16	<b>22,116</b>				<b>42,378</b>				<b>61,248</b>				<b>51,408</b>												
K2AV	18,656	184	39	5	<b>22,116</b>				<b>30,849</b>				<b>151,280</b>				<b>51,408</b>												
*KK4UON	2,200	55	20	0	<b>117</b>				<b>7,480</b>				<b>129,146</b>				<b>40,014</b>												
<b>SOUTH CAROLINA</b>				<b>ONTARIO</b>				<b>*OH5EG</b>				<b>2,945</b>				<b>1,330</b>				<b>1,330</b>									
W4GE	83,720	505	50	20	<b>195,064</b>				<b>3,857</b>				<b>2,945</b>				<b>1,330</b>				<b>1,330</b>								
K4YYL	44,785	284	49	16	<b>74,001</b>				<b>1,045</b>				<b>1,330</b>				<b>1,330</b>				<b>1,330</b>								
<b>TENNESSEE</b>				<b>ALBERTA</b>				<b>OH2B0</b>				<b>Germany</b>				<b>Sweden</b>				<b>Ukraine</b>									
K40WR	50,228	394	49	9	<b>15,498</b>				<b>DK6WL</b>				<b>14,070</b>				<b>261,378</b>												
K4EDI	33,908	311	45	4	<b>80</b>				<b>DK20Y</b>				<b>94</b>				<b>639</b>												
W4DTA	26,496	248	39	9	<b>38</b>				<b>DJ7YP</b>				<b>0</b>				<b>639</b>												
AA4DD	22,880	166	44	11	<b>3</b>				<b>DL80H</b>				<b>151,280</b>				<b>639</b>												
KS4X	14,484	116	44	7	<b>VE6KD</b>				<b>DJ5AN</b>				<b>429</b>				<b>639</b>												
*K3IE	10,647	120	36	7	<b>45</b>				<b>DL7CX</b>				<b>141,644</b>				<b>639</b>												
N4V3	9,630	98	29	7	<b>41</b>				<b>DL7URH</b>				<b>129,146</b>				<b>639</b>												
W6UB	3,741	57	26	3	<b>VE7NY</b>				<b>DL5J5</b>				<b>82,378</b>				<b>639</b>												
N4BCD	1,368	33	18	1	<b>41</b>				<b>DL5JZ</b>				<b>78,387</b>				<b>639</b>												
*N4DTF	546	18	13	1	<b>41</b>				<b>DL5JJ</b>				<b>66,458</b>				<b>639</b>												
<b>VIRGINIA</b>				<b>NORTH AMERICA</b>				<b>DL1NKS</b>				<b>OCEANIA</b>				<b>Ukraine</b>													
*N4BCC	62,400	415	51	13	<b>Bahamas</b>				<b>DF60V</b>				<b>160</b>				<b>639</b>												
K1GG	51,816	305	51	17	<b>560,512</b>				<b>DJ80G</b>				<b>4</b>				<b>639</b>												
K64W	21,600	147	30	14	<b>826</b>				<b>DL70N</b>				<b>2</b>				<b>639</b>												
W4RM	18,788	177	36	8	<b>21,730</b>				<b>DK9HN</b>				<b>67,000</b>				<b>639</b>												
W4JVN	18,283	161	37	10	<b>31</b>				<b>D82B</b>				<b>57,000</b>				<b>639</b>												
K4JKB	17,444	134	36	13	<b>102</b>				<b>DG0LFG</b>				<b>41,630</b>				<b>639</b>												
K4GAA	16,468	148	37	9	<b>31</b>				<b>DK2TG</b>				<b>39,522</b>				<b>639</b>												
KC4D	16,192	128	33	13	<b>23</b>				<b>DG2NMH</b>				<b>20,420</b>				<b>639</b>												
*W4JAM	14,945	122	40	9	<b>70</b>				<b>DL5LYM</b>				<b>16,870</b>				<b>639</b>												
W7HJ	12,696	106	36	10	<b>23</b>				<b>DR4W</b>				<b>10,602</b>				<b>639</b>												
N4MM	7,560	86	31	5	<b>70</b>				<b>DC4A</b>				<b>8,232</b>				<b>639</b>												
*KN4KL	2,943	50	26	1	<b>23</b>				<b>DL70N</b>				<b>67,000</b>				<b>639</b>												
N3UA	2,875	50	22	3	<b>31</b>				<b>D82B</b>				<b>57,000</b>				<b>639</b>												
W4VIC	387	20	9	0	<b>102</b>				<b>DG0LFG</b>				<b>41,630</b>				<b>639</b>												
*KA3EHL	261	13	9	0	<b>31</b>				<b>DK2TG</b>				<b>39,522</b>				<b>639</b>												
<b>MISSISSIPPI</b>				<b>AFRICA</b>				<b>DL3DXX</b>				<b>Indonesia</b>				<b>Ukraine</b>													
W2GS	3,807	59	23	4	<b>Canary Islands</b>				<b>DL7VEE</b>				<b>12</b>				<b>639</b>												
<b>TEXAS</b>				<b>ASIA</b>				<b>DL7VEE</b>				<b>8</b>				<b>639</b>													
K5Z0	134,014	785	54	20	<b>146,803</b>				<b>HA2D</b>				<b>2</b>				<b>639</b>												
NSXJ	3,068	37	18	8	<b>204</b>				<b>HA8BT</b>				<b>1</b>				<b>639</b>												
<b>CALIFORNIA</b>				<b>Asiatic Russia</b>				<b>HA8U</b>				<b>0</b>				<b>639</b>													
N6KI	5,824	75	26	6	<b>157</b>				<b>HA8U</b>				<b>0</b>				<b>639</b>												
N6WM	5,278	63	23	6	<b>127</b>				<b>HA8V</b>				<b>0</b>				<b>639</b>												
<b>ARIZONA</b>				<b>Azerbaijan</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
N7GP	153,424	720	56	30	<b>15</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
K7HP	17,737	125	42	5	<b>6</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
N7AT	4,650	50	25	6	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
KY7M	3,278	56	17	5	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
N07R	2,425	37	22	3	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
K9DR	2,090	36	19	3	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>IDAHO</b>				<b>Saudi Arabia</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
K67H	90,114	542	55	14	<b>160</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
K67YUV	67,782	418	55	11	<b>17</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>MONTANA</b>				<b>EUROPE</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
N7DXT	10,815	129	34	1	<b>420</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>NEVADA</b>				<b>Austria</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
K7XC	18,270	165	38	7	<b>231,940</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
KM6CQ	132	11	6	0	<b>137</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>OREGON</b>				<b>Azores</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
KA6BIM	40,020	267	50	8	<b>31</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
K17M	14,560	167	32	3	<b>9</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>WASHINGTON</b>				<b>Balearic Islands</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
K7LFY	19,700	165	46	4	<b>18</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
K7SS	3,861	54	23	4	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>WYOMING</b>				<b>Belarus</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
A7F0Z	10,692	108	42	2	<b>374</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>MICHIGAN</b>				<b>Belgium</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
K8GM	29,696	215	48	10	<b>420</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
N8EA	21,306	156	43	10	<b>137</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
KD8QYE	15,504	129	47	4	<b>34</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>OHIO</b>				<b>Bulgaria</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
W8GNM	78,390	509	54	13	<b>261</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
W8BI	4,851	57	28	5	<b>209</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
W8EB	4,030	55	29	2	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
*NS80	2,058	43	19	2	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>ILLINOIS</b>				<b>Crete</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
AC9S	62,010	402	54	11	<b>27</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
N2BJ	35,424	288	48	6	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
N49RB	20,458	155	44	9	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
*N9TF	14,580	136	39	6	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
*KC9J5	7,844	88	34	3	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
W91LY	126	9	7	0	<b>0</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>INDIANA</b>				<b>Croatia</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
K9NW	22,176	150	43	13	<b>421</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
*KB9RDS	10,872	136	34	2	<b>138</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>WISCONSIN</b>				<b>Czech Republic</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
*W9AV	37,746	299	46	8	<b>954</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
*WK9J	12,444	92	44	7	<b>563</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
*N9JIA	10,640	115	37	3	<b>307</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
KN9P	88	4	3	1	<b>25</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>COLORADO</b>				<b>Denmark</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
KV0Q	147,840	788	56	24	<b>265</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
N0KE	46,528	304	55	9	<b>7</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>IOWA</b>				<b>England</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>													
*K0KT	33,264	253	50	6	<b>428</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
KV1E	11,385	106	40	5	<b>139</b>				<b>HA8BE</b>				<b>0</b>				<b>639</b>												
<b>KANSAS</b>				<b>Estonia</b>				<b>HA8BE</b>				<b>0</b>																	