

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

**CQWW 160-METER CONTEST  
2018 CW RESULTS**

**SINGLE OPERATOR  
NORTH AMERICA  
UNITED STATES**

CONNECTICUT			
K1KI	741,125	1362	60 65
W1AN	162,630	571	53 37
*W1TK	154,348	544	57 37
W1EQ	134,377	622	56 27
W1WT	122,557	52	32 32
W1WFE	97,432	487	51 25
*W1ARY	37,024	293	44 4
K1BUK	35,853	250	46 11
*K1XS	21,758	220	39 4
*KK7A	12,635	126	26 9

MAINE			
K1BX	861,312	1499	60 68
KATIS	508,108	996	58 60
K7GM	109,055	249	44 41
*N1JD	84,490	454	51 49
*WV1ME	51,940	247	49 21
*N1GCP	48,856	314	49 13

MASSACHUSETTS			
K5ZD	136,136	482	54 34
*K1EP	128,628	618	54 27
*N1PGA	84,730	438	52 22
*N2ZAN	29,640	209	40 12
K1IX	9,905	125	33 2
*N1NN	9,207	142	27 0
*W1MX	952	25	14 0

NEW HAMPSHIRE			
*N1IX	178,220	590	56 39
K1TR	153,425	620	56 29
*K1OR	5,700	73	26 4
*KG1V	4,700	89	20 0

RHODE ISLAND			
W1XX	434,112	1017	59 55
*K1MD	3,625	57	23 2
*A1BX	1,746	47	18 0

VERMONT			
W1SJ	267,900	918	59 41
*N1UR	221,000	699	59 43
K1VMT	70,980	446	47 18
*AA1SU	11,322	135	36 1

NEW JERSEY			
N2NT	278,356	629	55 46
K0ZM	149,172	424	51 42
K2TTT	39,000	58	35 17
N2NC	79,233	340	51 26
N2ED	74,404	310	51 25
*W2ALY	31,578	229	50 7
N2CJT	29,362	220	46 7
K2MTG	22,064	162	49 7
*KM2Q	20,769	200	39 4
N2ZUJ	11,251	143	31 3
*W3PR	6,039	71	29 4
*K2JT	5,640	78	28 2
*WR2G	3,525	51	22 3
N2CG	1,104	13	4 8
*W2UDT	620	25	10 0
*N2RJ	407	14	11 0

NEW YORK			
N5DX	1,025,468	1601	60 71
NR3X	666,600	1271	58 62
N2CU	295,130	854	57 53
W5SM	196,976	582	58 46
K2NV	179,952	732	56 36
W2RF	139,840	720	56 24
K2XA	123,823	221	47 20
*AA2ZW	41,748	391	49 0
N2WJ	35,350	307	45 5
K2WR	34,430	238	46 9
*N2BEG	34,200	231	48 9
*N2RI	24,000	261	37 3
*K2QB	23,100	236	41 1
*W2EG	16,940	203	31 4
*K2SI	16,822	164	32 2
*K1NY	10,395	120	30 5
*W2CS	9,472	113	30 2
*W2YK	9,010	100	30 4
WB2WPM	8,928	117	35 1
*NW2K	2,862	40	26 1
*NN2M	2,250	36	24 1
*K0ZTVJ	1,224	28	18 0

DELAWARE			
AA1K	708,164	1333	59 65
*N8NA	60,522	352	50 16
K3CWF	5,082	100	21 0
*W3ASW	4,896	77	23 1

DISTRICT OF COLUMBIA			
W3DD	40,880	307	48 8

MARYLAND			
*K04D	409,596	1012	59 57
W6GJ	288,305	832	58 51
K3ZJ	276,064	941	57 46
K3TC	176,106	613	57 41
AA3S	92,730	593	54 12
*N3TE	52,928	305	49 15
W3YR	49,590	360	51 7
*W3UL	39,120	347	42 6
K8GU	32,400	254	48 6
*W3FA	31,266	221	42 12
*K4USN	19,768	131	47 9
N3XL	19,488	98	39 3
*N3ST	15,007	135	40 3
*W3/OL5Y	6,045	75	28 3
*W3CN	24	4	3 0

PENNSYLVANIA			
W3BGN	597,616	1215	59 60
K3UL	326,704	874	58 54

W3TS	305,222	1051	58 43
*N3YB	97,458	520	54 20
*K2LNS	91,728	374	53 25
W3SO	76,220	410	55 19
*W3SC	65,076	399	52 14
KW3A	59,976	389	51 12
*N3JK	57,552	339	50 16
*W3KB	54,264	297	51 17
K3JMB	42,634	330	56 4
*K3YW	37,288	256	51 8
*K3ATO	33,488	261	44 8
*N3LT	27,864	207	46 8
N3RJ	24,360	161	47 9
*K3N3	18,260	107	41 14
NF3R	13,677	115	40 7
*K3ZYK	12,900	129	35 4
*K3SMP	10,476	120	34 2
*K3ZW	8,928	109	35 1
*K3HW	7,800	109	28 2
W3AAN	6,708	102	25 1
*K3JHN	1,978	34	23 0
*N3JNX	650	22	13 0

ALABAMA			
*W1FCN	113,529	700	56 15
AG4W	111,220	525	57 26
N4NO	95,865	398	54 29
N4KH	22,770	197	40 6
*K8AJX	16,560	161	41 4
*N4VB	9,840	107	37 3
*W4AJW	9,614	110	33 4
*W4JY	5,372	70	31 3
*W5NZ	1,725	33	22 1
*N4FJ	1,170	31	16 2

FLORIDA			
*W4AA	149,366	545	57 37
N4DX	119,798	527	57 29
N1TO	81,178	412	53 21
N4PF	62,790	350	53 17
K0M4H	54,808	309	50 18
*N4EK	41,340	351	44 8
*K8MR	21,041	155	46 7
*W3USA	18,432	163	43 5
*W4OV	15,732	124	36 10
*K4NY	8,398	93	34 1
*K4A/WJB	3,904	64	31 1
N4CU	2,565	36	24 3
*K2ZR	1,444	31	16 3

GEORGIA			
K4BAI	215,306	890	57 34
KUBE	169,100	737	58 31
*K4M4F	31,405	235	47 8
*K04YDD	7,881	91	38 3
*W4LDA	4,205	65	27 2
*W4EMI	2,904	53	24 0
*N4UM	242	8	10 1

KENTUCKY			
W5MX	502,061	1290	61 58
*KM4FO	17,388	186	39 3

NORTH CAROLINA			
N4AD	409,701	1099	58 53
N4FD	254,446	809	57 50
N4CW	178,536	833	56 32
W1AJT	80,132	513	55 10
K6R	62,669	389	53 16
W5MX3	45,260	191	47 12
*W4MSG	38,055	259	47 26
K4OPL	26,743	248	43 4
*A14GR	24,633	199	45 6
KY4P	19,712	189	39 5
*W4PH	11,275	157	45 4
*N4TL	11,340	141	34 3
K4KZ	2,471	91	37 4
*WR2G	6,732	71	32 4
*W4GW	728	20	14 0

SOUTH CAROLINA			
NN4SS	85,560	536	54 15
N4JFP	53,928	261	49 23
K7M	29,368	298	37 0
*W8QJR	35,316	273	46 8
*K4IGC	32,966	263	45 8
NJ4F	30,996	228	46 8
*W4AFP	234	13	9 0

TENNESSEE			
K0EJ	258,662	868	58 40
W4NZ	140,675	625	56 29
*K3IE	53,534	410	53 5
AC4G	47,804	269	53 15
*K0AQ	46,072	406	48 4
*K4X	42,160	281	52 10
*K89DK	30,527	277	46 3
*W89RY	17,940	150	50 2
*N4K	17,370	164	40 6
K4A0TB	2,940	48	28 0

VIRGINIA			
K3ZM	797,125	1423	59 66
K3YJ	368,781	835	59 60
K0ZJ	268,660	905	59 42
K4XL	258,439	913	58 43
W4AJUK	118,357	725	57 14
K4ZW	93,018	504	55 19
W4CB	87,570	535	54 18
*K4ORD	86,336	495	52 17
*K2WJ	80,640	482	56 14
*W4YE	48,678	338	49 12
*K4VA	46,342	325	47 11
W3JP	43,896	307	50 6
AD4TJ	43,890	325	51 6
K4RDU	41,064	285	49 10
*K63V	38,940	270	41 14
*K4FTO	30,957	272	46 5
*W4PFM	30,456	226	46 8
*N3ZV	29,645	213	44 11
K7JG	27,295	197	42 12
*K4FJW	27,192	282	42 2
*K8SYU	19,928	171	41 6
N8AID	16,848	132	42 6
K4EEN	16,165	140	44 9
*W4GRC	15,222	143	39 4
*K4MI	14,720	146	35 5
N3KN	12,480	129	36 2
*K4HJ	8,370	111	28 2
*K4OSD	5,742	80	27 2
*A2BF	310	8	2 2

W5JZ	76,890	496	55 11
K0OZ	49,616	403	51 5
*K0DJ	13,770	125	43 0
*W5SSOG	8	2	2 0

LOUISIANA			
*K5KU	233,714	821	58 43
*KVB8	54,900	394	54 7

MISSISSIPPI			
W5UE	116,775	655	55 20
N4OGW	97,665	383	54 31
WQ5L	93,457	466	56 23
N5GVW	61,248	412	54 10
*K5WK	48,970	346	48 11
*N5PD	13,182	150	36 3
*K5F5A	8,820	93	39 3
*K0D5JE	5,115	78	31 0
*K7ZYV	64	8	4 0

NEW MEXICO			
W5SCOV	465,600	1066	59 61
N5FO	296,459	1070	58 31
N2IC	249,0		

BRITISH COLUMBIA					*J2HYD					Denmark					F5VMM					Italy				
83,408 337					1,300 17 0 10					506EE 377,664 825 23 61					279,028 646 22 57					335,250 680 26 64				
*VA7EU 26,520 140 38 2 3					*JK1TCV 1,067 14 3 8					*02IAAR 161,129 520 9 50					*F5PYJ 3,759 36 1 20					*IK2CLB 173,580 574 8 52				
VE7JKZ 19,080 150 24 3					J03TAN 904 29 2 6					*02ITJ 35,368 166 1 37										*IK4XCL 160,776 376 13 71				
*VA7MM 16,800 10 30 2					J3JSH 354 13 2 4 6					*02SUH 2,230 31 0 15										*IK4ZGO 120,456 407 9 47				
VE7IO 10,701 81 29 0 0					*JFK1KW 721 24 4 3					*02IHC 1 1 0 3										*IK2SND 77,096 336 0 46				
NORTH AMERICA					*JA1GK 630 8 4 5					England					Germany					*I2ZKHC 57,408 216 1 60				
Bahamas					*JR80FG 630 25 1 6					1,019,788 1375 47 23					718,794 1297 39 63					*I41412 44,142 213 1 41				
C6AGU 918,792 1206 59 67					*JA1GZK 564 26 2 4					G5W 339,200 794 23 57					304,950 794 19 56					*I41412 44,142 213 1 41				
					*JM1MSO 470 31 1 4					G2NF 239,615 492 26 59					248,970 680 18 82					*I41412 44,142 213 1 41				
					*JQ3VDF 425 10 0 5					G3T 27,470 127 3 38					214,566 698 10 56					*I41412 44,142 213 1 41				
					*JRF1MU 354 13 2 4 6					*NTV 167,184 670 1 57					181,152 543 10 58					*I41412 44,142 213 1 41				
*8P1W 240 7 3 3					*JA1GVM 325 8 0 5					*G2X 164,736 465 20 46					171,600 597 7 53					*I41412 44,142 213 1 41				
					*JA8DNV 235 6 1 4					MOB 152,905 571 2 51					*DJ3RA 153,360 416 17 55					*I41412 44,142 213 1 41				
					*JF2FIU 222 10 1 5					G3VYI 112,572 371 8 51					*DL3ZP 131,712 500 9 47					*I41412 44,142 213 1 41				
V31YN 30,785 122 34 13					*JH2JNU 126 14 1 2					G4L 107,640 303 12 53					*DFBEG 130,986 483 2 55					*I41412 44,142 213 1 41				
					*JF1GWJ 111 13 1 2					*G4DDL 28,564 161 1 36					*DL2SWW 129,552 586 2 56					*I41412 44,142 213 1 41				
					*JE4URN 75 4 0 3					*M4X 27,702 144 4 34					*DL3KUD 120,555 450 6 51					*I41412 44,142 213 1 41				
*KL7SB/VP9 431,040 822 56 40					*JH1XU 44 7 1 1					*G3Q 27,470 127 3 38					*DL1DTL 117,800 389 6 56					*I41412 44,142 213 1 41				
					*JK1JFM 24 12 0 1					*M4M 25,502 127 2 39					*DL4JU 117,676 391 7 55					*I41412 44,142 213 1 41				
					*J01CIV 18 9 0 1					*G0LRD 23,180 120 1 37					*DL7MM 117,000 403 5 55					*I41412 44,142 213 1 41				
ZF9CW 1,436,666 1680 61 72					*JH3MUC 14 7 0 1					*G3RSD 19,992 120 0 34					*DL1TKO 117,140 431 2 55					*I41412 44,142 213 1 41				
*ZF2BJ 73,020 239 48 12					*JH7IQO 12 6 0 1					*G4BEE 2,100 31 0 15					*DL4ZA 107,947 488 1 48					*I41412 44,142 213 1 41				
					*JH110W 10 1 1 0					*M0MPM 1,820 30 0 13					*DL9CN 104,052 355 7 51					*I41412 44,142 213 1 41				
					*JG3LDD 8 4 0 1					Estonia					*DL0AZ 101,184 315 9 55					*I41412 44,142 213 1 41				
*HI3Y 36,570 156 38 8					*JH11UP 4 2 0 1					224,575 652 10 55					*DL2JA 96,900 322 11 49					*I41412 44,142 213 1 41				
					*JA11OM 2 1 1 0					European Russia					*DD7NT 88,244 359 1 51					*I41412 44,142 213 1 41				
FMSBH 168,780 330 45 42					*JA1H0A 1 -1 0 1					R7NW 499,259 971 15 82					*DL1MAJ 88,244 359 1 51					*I41412 44,142 213 1 41				
					Kazakhstan					R3ZZ 379,496 926 6 76					*DL2VNR 85,491 267 6 57					*I41412 44,142 213 1 41				
XE2S 170,919 528 52 11					*UP0L 350,610 578 1 64					RU3UR 248,668 580 10 73					*DL0NG 75,625 294 6 49					*I41412 44,142 213 1 41				
*XE2T 49,441 201 45 4					*UN7FW 26,460 99 0 30					*UA5F 248,940 796 4 61					*DJ9SN 67,035 349 0 41					*I41412 44,142 213 1 41				
*XE1TD 225 5 1 4					*UN7CN 23,253 117 0 23					*RL8M 167,184 650 1 56					*DH2URF 66,223 302 2 45					*I41412 44,142 213 1 41				
					Kuwait					*RA3Y 166,705 636 1 44					*DL1BA 59,470 252 4 47					*I41412 44,142 213 1 41				
*KP3W 44,000 149 39 16					9K2NO 190,960 365 1 54					*UA1CUR 156,072 604 4 53					*DK9SU 58,289 284 0 44					*I41412 44,142 213 1 41				
					Kyrgyzstan					UA3EDQ 158,844 532 2 60					*DH7NO 58,128 249 4 44					*I41412 44,142 213 1 41				
KV4FZ 250,830 488 51 39					EX8M 10 1 0 1					*R7KR 156,912 599 1 55					*DK3YJ 54,135 262 4 41					*I41412 44,142 213 1 41				
*NP2X 104,488 265 50 24										R3XA 126,630 392 6 57					*DJ1YF 50,232 255 3 39					*I41412 44,142 213 1 41				
					Republic Korea					*UA6YW 121,986 474 3 51					*DL4DZ 49,321 259 2 41					*I41412 44,142 213 1 41				
AFRICA					DS4EOI 20,083 189 8 11					RD4F 120,524 360 1 57					*DJ3XD 46,840 258 0 40					*I41412 44,142 213 1 41				
5H3EE 6,300 35 0 18					*HL4EL 1,185 52 0 5					*R1M0 110,168 481 0 47					*DL9AXM 41,943 219 2 39					*I41412 44,142 213 1 41				
					*HL4CFN 64 7 0 4					RT3N 108,054 498 0 46					*D080DHR0 40,292 248 0 36					*I41412 44,142 213 1 41				
					Saudi Arabia					*R30M 106,386 448 0 51					*DL7LX 38,088 165 3 43					*I41412 44,142 213 1 41				
*3V8CB 433,485 762 2 55					*HZ1BW 416 8 0 8					RK7X 106,377 374 0 59					*DK0AX 37,474 193 2 39					*I41412 44,142 213 1 41				
					Taiwan					*RA6CC 102,375 386 0 55					*DL2CC 36,468 216 1 35					*I41412 44,142 213 1 41				
					BV1EK 11,520 105 5 13					*R6C 99,190 339 0 57					*DK6SP 31,005 196 1 38					*I41412 44,142 213 1 41				
					Thailand					*R4SA 96,677 414 0 49					*DM4MM 30,840 163 0 40					*I41412 44,142 213 1 41				
*EK3GM 5,100 57 0 10					*HS3XP 51 3 0 3					RK30K 96,209 431 1 46					*DL7USW 29,889 150 1 40					*I41412 44,142 213 1 41				
					*E20WUE 2 1 0 1					RL3BZ 87,600 361 1 49					*DL2ZA 29,679 166 1 38					*I41412 44,142 213 1 41				
					West Malaysia					RA4HPI 84,500 316 0 52					*DL2ATZ 28,356 186 0 34					*I41412 44,142 213 1 41				
					*9M2MDX 44 3 0 2					*RA6C 82,800 365 1 47					*DL1EK 25,806 91 10 41					*I41412 44,142 213 1 41				
					EUROPE					RW4NN 82,186 278 0 58					*DL7YAD 25,480 125 7 33					*I41412 44,142 213 1 41				
					Austria					*RA4CX 80,948 330 1 48					*DK4M 24,444 152 0 36					*I41412 44,142 213 1 41				
					OE2BLZ 305,324 776 15 59					*RA3NC 77,645 295 1 52					*DL2AXM 24,300 144 1 35					*I41412 44,142 213 1 41				
					OE1TKW 150,350 461 5 57					*UA1TAN 76,097 326 0 49					*DM3PKP 23,820 180 0 30					*I41412 44,142 213 1 41				
					OE5OH0 62,130 324 0 38					RM30 75,607 297 1 48					*DL4SL 22,952 126 1 37					*I41412 44,142 213 1 41				
					*OE2EEN 30,186 153 0 39					RM4HZ 73,485 337 0 45					*DL3JTU 20,163 135 0 33					*I41412 44,142 213 1 41				
					*OE1CIW 28,832 172 0 34					RM6Y 72,025 353 2 41					*DL5HP 18,904 128 0 34					*I41412 44,142 213 1 41				
					OE6GC 28,548 144 0 39					RW3YA 68,800 369 0 50					*DL2AXM 16,878 132 0 29					*I41412 44,142 213 1 41				
					Balearic Islands					*RN3P 56,316 306 0 39					*DL4FAP 16,665 114 0 33					*I41412 44,142 213 1 41				
EA6VQ 122,550 476 0 50					RT5C 56,286 208 2 51					*RN3Q 50,895 223 0 45					*DL1XC 16,037 125 0 29					*I41412 44,142 213 1 41				
					Belarus					*RW3DW 48,833 195 0 47					*DK6CS 13,824 94 0 32					*I41412 44,142 213 1 41				
					EU4E 540,085 1102 18 73					*UA30CE 45,948 279 1 36					*DF2WF 13,671 99 0 31					*I41412 44,142 213 1 41				
					EU63LN 179,575 644 2 53					*UA4U 45,120 226 0 39					*DL3DUE 13,456 100 0 29					*I41412 44,142 213 1 41				
					*EU6M 128,800 509 1 49					*R30Q 43,920 225 1 36					*DJ8QA 13,290 91 0 35					*I41412 44,142 213 1 41				
					*EU8RR 113,650 433 3 47					*UA9FG 43,566 127 0 53					*DL1KWK 11,585 70 0 35					*I41412 44,142 213 1 41				
					*EU3A 99,905 365 1 52					*R1CK 41,790 203 1 41					*DHYAG 11,286 65 30 33					*I41412 44,142 213 1 41				
					*EU8N 72,939 358 0 41					*RA1AL 40,236 195 0 42					*DH3AD 10,404 63 0 33					*I41412 44,142 213 1 41				
					*EUW2E 68,292 379 0 36					*R7FC 36,855 225 0 35					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					*EUWV 64,482 269 0 46					*R07K 36,465 196 0 39					*DK1LRS 8,125 80 0 25					*I41412 44,142 213 1 41				
					*EUWTO 44,096 281 0 32					*RW4WD 34,776 152 0 34					*DL2GAN 7,634 79 0 22					*I41412 44,142 213 1 41				
					*EU6AA 31,170 211 0 30					*UA6AH 32,985 139 1 41					*DL2AXM 7,566 60 0 26					*I41412 44,142 213 1 41				
					Belgium					*RT5A 32,572 192 0 34					*DM9BAIW 7,537 55 1 27					*I41412 44,142 213 1 41				
*0N7EH 405,195 863 24 61					*EU4FE 29,832 190 0 33					*RA1CE 31,502 173 1 37					*DL3EJZ 7,209 49 0 23					*I41412 44,142 213 1 41				
					Bosnia-Herzegovina					*UA3DSS 29,832 190 0 33					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
*E74R 474,462 1032 19 67					*RT4W 29,156 165 0 37					*R3AQ 23,826 119 0 37					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					Bulgaria					*RW3ZV 28,050 182 0 34					*DK2UE 7,825 80 0 25					*I41412 44,142 213 1 41				
					*L2AT 301,422 873 2 64					*R3XV 27,520 188 0 31					*DL2GAN 7,634 79 0 22					*I41412 44,142 213 1 41				
					*L211A 34,380 184 0 36					*RA4HL 27,520 188 0 31					*DL2GAN 7,634 79 0 22					*I41412 44,142 213 1 41				
					LZ1GJ 3,990 23 1 20					*UA6AH 32,985 139 1 41					*DL1KUR 7,566 60 0 26					*I41412 44,142 213 1 41				
					*L23YY 30 2 0 2					*RT5A 32,572 192 0 34					*DM9BAIW 7,537 55 1 27					*I41412 44,142 213 1 41				
					Croatia					*RA1CE 31,502 173 1 37					*DL3EJZ 7,209 49 0 23					*I41412 44,142 213 1 41				
9A2AJ 440,328 994 19 65					*RA3BQ 11,451 56 0 33					*UA3DSS 29,832 190 0 33					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
9A4W 335,790 808 18 60					*R3W3A 28,050 182 0 34					*RT4W 29,156 165 0 37					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
*9A3B 220,284 740 3 55					*R3XV 27,520 188 0 31					*RW3ZV 28,050 182 0 34					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
*9A1E 165,737 578 8 53					*R44HL 27,520 188 0 31					*RW4WD 34,776 152 0 34					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					*9A3PM 48,216 187 0 49					*R3VMR 26,245 190 0 29					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					*9A1CPB 7,488 61 0 24					*RT5A 32,572 192 0 34					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					*9A3QB 4,832 64 0 16					*RA1CE 31,502 173 1 37					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					*9A4YW 4,000 28 0 25					*UA3DSS 29,832 190 0 33					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					Czech Republic					*R3AQ 23,826 119 0 37					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					*OK7Y 359,465 794 21 64					*RA3Q 20,615 120 0 35					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					*OK1DP 225,321 671 11 56					*UA3YDI 17,952 171 0 24					*DL2TOS 8,729 60 0 29					*I41412 44,142 213 1 41				
					*OK1DKR 195,860 541 16 54																			



NSXJ	30,888	165	47	19	COLORADO	422,280	1186	60	55	425LA	Isreal	120	0	33	*0K6AA	110,715	362	9	52	R7KW	51	3	0	3					
*WASFLD	17,340	137	45	6	KORF	422,280	1186	60	55	*42AKX	37,653	36	0	17	*0K6DJ	109,725	391	5	52	*UCSD	2	1	0	1					
KB5G	14,550	117	44	6	K75CX	422,280	1186	60	55	425OZ	5,372	20	2	0	*0K3DM	9,720	78	0	27	Finland									
KS6K	11,300	111	39	6	W6MJJ	32,824	321	42	11	Japan					OZTAM	1,052,226	1385	42	84	O67A	488,110	821	20	75					
KSFF	5,882	83	32	2	AKQMR	3,240	45	28	2	JH2FXK	158,400	259	26	46	5P5CW	424,536	1043	18	58	O62W	407,540	989	19	63					
WA5FWC	1,653	23	26	3	KANSAS					JA4CUU	54,586	147	11	38	OQ2V	234,828	675	14	52	O3J0	234,158	614	14	57					
W6DR	105,192	600	58	14	KOWA	92,170	615	56	9	JE1CKA	45,715	190	14	27	OZBAE	217,800	632	9	57	O3RB	175,306	437	9	65					
NSZO	88,312	460	58	18	ABOS	39,000	286	55	5	JA5FJU	34,040	120	12	28	*OZ09	208,978	488	18	59	O4B20	151,156	246	20	72					
NSX1	45,430	326	50	9	K3PA	36,140	215	53	12	JP3LPR	28,700	131	12	23	OZ3SM	177,531	578	5	54	O6GN	131,840	382	10	54					
NS6E	40,200	257	53	9	W6UJ	19,080	129	42	11	JA0VSH	16,104	61	10	23	OZ8W	193,152	504	8	50	O4HXK	123,988	354	6	58					
W15RD	39,955	355	50	11	W6YJT	3,045	48	29	0	JH1RFM	15,984	73	7	20	OZ4O	76,836	248	5	52	O4HRE	123,536	419	6	50					
KGAW	37,989	244	53	10	MINNESOTA					JA04PW	10,442	79	8	15	*OZ2U	22,134	130	0	34	O655W	122,589	443	6	52					
N2NS	28,355	152	44	9	K0KX	159,565	516	57	40	JA2AXB	8,043	51	6	15	O4UN	14,487	82	0	33	O43FM	119,073	409	1	51					
W6SX	23,950	208	45	5	K0AD	91,908	567	57	12	JH5MXX	6,825	40	5	16	OZ1ADL	13,489	48	0	47	O4H1Z	96,633	193	11	70					
ND6P	19,700	162	45	5	K0YR	53,328	329	55	11	JL4DJM	6,589	46	6	13	G6M	772,200	1038	46	74	*OH7GGX	34,524	190	1	35					
AF6SA	16,497	148	42	5	W0LS	45,760	299	55	9	J33C20	6,390	87	6	12	G3U	760,820	1188	43	66	O4H2GK	26,895	161	0	33					
KGMM	11,240	110	34	6	W0AD	44,774	309	52	9	JA300K	3,680	29	4	12	G4IUY	541,448	825	39	67	O4H2GK	1	1	1	1					
*NJ6G	10,664	94	38	5	W0BN	43,470	285	55	8	JQ1TIV	2,568	44	4	8	G4IUY	425,352	616	37	74	O4H2GK	1	1	1	1					
WE6Z	3,381	62	22	1	K0PK	10,491	98	33	2	JF7PHE	1,885	22	5	8	M3A	416,253	827	26	63	F8CRS	5,730	33	1	29					
WE6I	603	9	1	8	K4IU	1,680	29	22	6	JR4VEV	1,656	30	2	10	G5K	372,590	561	38	68	*F5DRD	5,451	47	0	23					
ARIZONA					MISSOURI					G4P0J	197,316	419	19	65	G6M	772,200	1038	46	74	F8DZY	200	5	0	5					
N70D	384,560	987	59	51	W0TT	384,560	744	58	18	*JQ1DOB	1,375	15	7	4	G3SJU	145,311	306	4	57	G4IUY	541,448	825	39	67	France				
N7AT	176,541	660	58	25	*KQJPL	67,871	437	57	10	*JH9DRL	794	33	1	6	G4IUY	425,352	616	37	74	*F5DRD	5,451	47	0	23	Germany				
KH7XW7	115,704	762	54	18	W0MB	28,998	236	50	4	*JE40K	640	11	0	8	G4IUY	425,352	616	37	74	F8DZY	200	5	0	5					
WA7AN	89,712	500	56	16	CANADA					JR2AWS	595	38	1	4	G4IUY	425,352	616	37	74	DL6LF	1,130,046	1490	46	81					
K07SS	85,752	489	57	15	NEWFOUNDLAND	536,690	667	55	55	JA4VNE	465	30	0	5	G4IUY	425,352	616	37	74	DL7BN	825,920	1337	36	80					
K8LL	72,981	426	57	12	NEWFOUNDLAND	536,690	667	55	55	JK70WD	405	29	1	4	G4IUY	425,352	616	37	74	D6K6V	702,924	1211	34	80					
W6RW	65,626	407	56	11	PRINCE EDWARD ISLAND	970,580	1028	56	74	*JH1UBK	360	8	2	4	G4IUY	425,352	616	37	74	DL6ZBN	504,293	1108	30	67					
KF6HI	54,670	255	53	18	QUEBEC					*JN1VFF	264	41	0	3	G4IUY	425,352	616	37	74	DL6MHW	532,433	1077	27	70					
N9NA	45,942	303	51	11	VA2WA	1,240,920	1469	59	76	*JM1VDM	200	5	3	2	G4IUY	425,352	616	37	74	DJ5AN	449,122	787	34	72					
K7WP	38,645	274	52	7	VA2WE	1,188,528	1473	60	72	JK3JGA	124	7	1	3	G4IUY	425,352	616	37	74	DD2ML	399,035	861	24	67					
W6X1	37,170	207	49	14	VE2BWL	130,982	316	50	29	JN1RQV	60	1	3	0	G4IUY	425,352	616	37	74	DH8QA	369,976	972	17	60					
W6RJ	22,200	127	48	20	VA2AM	130,720	224	50	45	*JK1FZR	52	10	0	2	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
K7HI	26,220	186	50	10	*VA2CZ	83,957	290	48	11	Kazakhstan					G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
WU9B	16,170	138	43	6	VE2GT	27	3	3	0	UN9L	875,500	1120	3	82	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
NOVD	12,672	75	36	12	ONTARIO					UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
KB7AZ	11,912	110	38	6	VE3EJ	1,156,544	1453	61	75	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
*K3WYC	11,742	42	21	1	VE3JM	1,134,039	1399	60	63	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
NS5S	1,080	12	0	9	VE3RZ	628,422	986	59	63	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
IDAHO					VE3CX	471,696	1019	59	34	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
KG7CW	98,980	601	59	11	VE3N2	222,975	605	56	19	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
KA7T	49,020	362	51	6	VE3N3	222,975	605	56	19	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
MT MONTANA					VE3N3	222,975	605	56	19	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
K7QA	136,584	722	59	13	VE3N3	222,975	605	56	19	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
N7IP	63,168	410	55	9	VE3N3	222,975	605	56	19	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
W7EE	48,620	387	52	3	NEVADA					UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
W7RN	233,536	993	60	22	W7RN	233,536	993	60	22	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
K7XC	104,112	528	58	14	K7XC	104,112	528	58	14	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
K2RD	26,596	172	52	9	K2RD	26,596	172	52	9	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
OREGON					OREGON					UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
KA6BIM	126,217	677	57	16	KA6BIM	126,217	677	57	16	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
K4XU	118,500	520	57	18	K4XU	118,500	520	57	18	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
*KN7K	35,250	291	44	6	*KN7K	35,250	291	44	6	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
WS7L	9,657	102	32	5	WS7L	9,657	102	32	5	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
UTAH					UTAH					UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
K7UT	38,848	218	52	12	K7UT	38,848	218	52	12	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
W7CT	25,080	105	42	15	W7CT	25,080	105	42	15	UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
WASHINGTON					WASHINGTON					UN9Z	421,314	647	1	68	G4IUY	425,352	616	37	74	DL7UHJ	352,890	754	26	64					
W7FI	58,146	328	56	10	W7FI	58,146	328	56																					



UW6M	82,544	402	0	44
UW4U	80,668	401	0	43
U4UXB	41,283	277	0	33

<b>DISTRICT OF COLUMBIA</b>	<b>7,152</b>	<b>146</b>	<b>24</b>	<b>0</b>
<b>4U1WB</b>				

<b>OCEANIA</b>				
<b>Indonesia</b>				
<b>YE1KZ</b>	<b>117,300</b>	<b>251</b>	<b>4</b>	<b>46</b>
YC1TAZ	4,459	50	0	13
YE2R	1,400	33	0	7
YC1ZAR	120	18	0	2
YB2M	99	16	0	3
YB0ZZE	16	12	0	1
YB3ZBD	8	4	0	1

<b>SOUTH AMERICA</b>				
<b>Brazil</b>				
<b>PY2PT</b>	<b>18,278</b>	<b>57</b>	<b>15</b>	<b>23</b>
<b>Curacao</b>				
<b>PJ2T</b>	<b>1,580,971</b>	<b>1198</b>	<b>59</b>	<b>74</b>

**CHECK LOGS**

4Z5MU, AA7E, BD1RX, BY1CW, DF3OL, DG7EE, DK7MD, EA8XX, DL0BJE, DL5CL, EA1SA, EA1VT, EA4MY, EA6NP, EA7BR, ER3DX, EU1FO, EU1KY, EU3AC, HA1DA, HA1ZH, HA2VR, HA5LQ, HA8WZ, HG1G, HG8C, H3AA, HK3W, I3VJW, I8YGZ, IK5BOH, IJ0DSZ, IZ3GNG, IZ3IBL, IZ5M00, JA2NDQ, JA5XW, JA5FBZ, K80Z, KF5RZG, LA1U, LA2XPA, LA90I, LB5WB, LY2BNL, LY2DO, LY3XN, LY5SG, LZ1GC, LZ1XZ, N5PHT, O6G1MD, OH1KH, OH1ZK, OH2XG, OH7CW, OK1DW, OK1MP, OK2PAY, OK2SG, OK4FF, OM5XQ, PA3CWN, R2AB, R2LAC, R3THP, R3VA, R6AA, R6FR, R6FS, R7FF, R7FK, R7FO, R7FZ, R7IA, R7TT, R9AB, RA0TT, RA3WDK, RA6AN, RA6YD, RA9DZ, RL3FA, RM1O, RM2D, RN7G, RN8A, RT5G, RT6T, RT7E, RUGL, RUT7, RV6FN, RV9UDQ, RW5CW, RY7G, RZ3AUL, RZ6FA, S51CO, S51MA, S51NM, S53EVT, S5M6Z, SM7LPY, SM7N, SP2JW, SP2MK, SP3CCK, SP3POCC, SP4DZ, SP5DIR, SP6CES, SP6VNW, SP6NZ, SP7ICE, SP8FNA, SP8PKT, SP8MYC, SP9CVY, SP9NDQ, S09I, SV1PMP, SV3DCX, SV3RF, SV80TD, T3LUG, UG0RQ, UG0RQ, UG0RQ, UG6EX, UG6GF, UG6GI, UA7T, UA9CNX, UR3CRO, US0TA, US0YA, US4IRT, UT0EO, UT3UA, UT5EO, UT7E, UT7LW, UT9NA, UW5ZM, UX5UN, UX7VA, UY7CA, UZ9E, XE1H, XE1HG, Y06LV, Y08TT, YT4T, YU70EYX
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<b>PENNSYLVANIA</b>	<b>196,110</b>	<b>767</b>	<b>51</b>	<b>39</b>
<b>W3BGN</b>	<b>138,454</b>	<b>786</b>	<b>56</b>	<b>18</b>
W3TS	48,952	361	50	8
K3W	41,688	329	46	7
W3SO	<b>33,271</b>	<b>287</b>	<b>42</b>	<b>8</b>
*W53C	22,102	232	40	3
K3UA	12,400	176	31	0
K3TEF	8,295	99	33	2
N3LT	3,300	60	24	1
K3VED	2,706	51	22	0
K3D3HN	1,836	51	17	0
*N3B	1,680	35	22	2
*K3CAV	684	27	12	0
*K3AKSP				

<b>ALABAMA</b>	<b>49,029</b>	<b>372</b>	<b>52</b>	<b>7</b>
<b>KX4X</b>	<b>42,470</b>	<b>294</b>	<b>53</b>	<b>9</b>
*A4B	20,570	149	47	8
*K4W	2,425	44	25	0
*K4TU	800	25	15	1
*K4DGR				

<b>FLORIDA</b>	<b>16,560</b>	<b>139</b>	<b>40</b>	<b>8</b>
<b>KM4H</b>	<b>9,798</b>	<b>76</b>	<b>36</b>	<b>10</b>
*C4PX	8,288	95	30	7
K3V	1,840	31	19	4
*W4OEP	308	14	11	0
*K3AHL				

<b>GEORGIA</b>	<b>22,992</b>	<b>200</b>	<b>39</b>	<b>9</b>
<b>KUBE</b>	<b>2,025</b>	<b>33</b>	<b>23</b>	<b>2</b>
*W4LYV	2,001	36	21	2
*K04YDD	1,679	29	21	2
*K4WX	8	2	2	0
*W4TM				

<b>KENTUCKY</b>	<b>224,634</b>	<b>1058</b>	<b>57</b>	<b>30</b>
<b>W5MX</b>	<b>34,300</b>	<b>318</b>	<b>43</b>	<b>6</b>
*ND4Y	9,504	113	35	1
W4KP	1,911	44	21	0
*W4LID				

<b>NORTH CAROLINA</b>	<b>7,881</b>	<b>90</b>	<b>35</b>	<b>2</b>
<b>W4ADO</b>	<b>7,807</b>	<b>92</b>	<b>37</b>	<b>0</b>
K4KZ	5,110	58	33	2
*N04MI	4,743	69	29	2
*N1KGY	3,200	68	20	0
*N4NTO	1,330	32	19	0
*W4GHV	260	13	10	0

<b>SOUTH CAROLINA</b>	<b>21,546</b>	<b>150</b>	<b>47</b>	<b>10</b>
<b>W4SLT</b>	<b>16,985</b>	<b>174</b>	<b>38</b>	<b>5</b>
*W5NHL	7,995	95	37	2
NN4SS	4,321	67	27	2
AE4VJ	3,472	50	27	1
K7OM				

<b>TENNESSEE</b>	<b>16,058</b>	<b>193</b>	<b>35</b>	<b>2</b>
<b>K0EJ</b>	<b>14,580</b>	<b>140</b>	<b>41</b>	<b>4</b>
W4YDY	10,450	111	34	4
K4RO	9,240	99	37	3
*AC4G	6,903	81	37	2
*N4JJB	6,479	97	30	1
*W4DTA	6,327	75	35	2
*K4FR	5,921	91	31	0
K3IE	5,673	84	31	0
*W5MMW	3,267	50	25	2
*N4AK	2,875	50	23	2
*KM9P	686	20	14	0
*W08RYC				

<b>VIRGINIA</b>	<b>166,000</b>	<b>673</b>	<b>48</b>	<b>32</b>
<b>*W4ZAO</b>	<b>50,450</b>	<b>454</b>	<b>46</b>	<b>4</b>
*K04OLM	48,297	425	45	6
*W45VHU	33,957	306	43	7
W3D	23,868	177	47	6
KABO	18,656	153	36	8
W3IP	18,050	212	33	3
*W4APGI	15,770	181	35	3
N3JB	15,366	187	38	1
*K4CGY	15,280	167	38	2
*W4PJW	11,648	161	31	1
N4MM	10,240	100	33	7
*K4FJW	9,075	124	32	1
*N4CF	7,623	105	33	0
W4STC	6,965	89	34	1
*K4BZ	6,000	105	25	0
*K4FTO	4,512	82	24	0
*K4MI	4,420	74	23	1
*WR4I	4,200	74	23	1
W4VIC	2,920	67	19	0
*K4ORD	2,919	62	21	0
AD4TI	2,790	59	21	0
*W4WOH	2,220	48	20	0
*W4HRR	1,908	44	18	0
*K04LA	1,035	30	15	0
*K4GJV	936	33	12	0
*K4LFP	896	29	14	0
*W4GRC	250	11	10	0
*N5SMQ	162	9	6	0

<b>LOUISIANA</b>	<b>9,430</b>	<b>97</b>	<b>38</b>	<b>3</b>
<b>W5DR</b>	<b>2,250</b>	<b>39</b>	<b>24</b>	<b>1</b>
*K8S				
*K5GRZ				

<b>MISSISSIPPI</b>	<b>5,376</b>	<b>72</b>	<b>28</b>	<b>4</b>
*K5FA	2,024	43	21	1
*W4WLF	2,024	43	21	1
*N5PD	944	28	16	0

<b>ARIZONA</b>	<b>42,398</b>	<b>299</b>	<b>49</b>	<b>9</b>
<b>W8WZ</b>	<b>23,664</b>	<b>190</b>	<b>46</b>	<b>5</b>
*W8NWL	15,705	151	41	4
N7RK	1,962	50	17	1
K7WP	572	22	13	0
*K7GCS	387	20	8	1
*K0WYW7	270	12	9	0
KFHJ	210	15	7	0
*K7HKR	48	6	4	0
*W7MLG	36	6	3	0
*AA7F				

<b>IDAHO</b>	<b>3,658</b>	<b>45</b>	<b>28</b>	<b>3</b>
<b>K7MM</b>	<b>4,660</b>	<b>20</b>	<b>10</b>	<b>0</b>
*W7TX	380	16	10	0

<b>MONTANA</b>	<b>5,771</b>	<b>86</b>	<b>29</b>	<b>0</b>
<b>KS7T</b>				

<b>NEVADA</b>	<b>3,591</b>	<b>74</b>	<b>20</b>	<b>1</b>
<b>WU6W</b>	<b>3,591</b>	<b>74</b>	<b>20</b>	<b>1</b>
*K7FYI				

<b>UTAH</b>	<b>65,274</b>	<b>418</b>	<b>53</b>	<b>13</b>
<b>W7LW</b>	<b>8,785</b>	<b>111</b>	<b>34</b>	<b>1</b>
*N7M	3,128	55	22	1

<b>WASHINGTON</b>	<b>33,055</b>	<b>241</b>	<b>50</b>	<b>5</b>
<b>N7XS</b>	<b>18,120</b>	<b>116</b>	<b>29</b>	<b>0</b>
W42BFW	3,852	85	17	1
*N7ZUF	3,562	51	26	0
KD7UO	2,560	55	20	0
W4SRZ	2,331	44	20	1
WN7T	1,144	38	13	0
*W7SAW	40	5	4	0
*K7JSG				

<b>WYOMING</b>	<b>2,990</b>	<b>56</b>	<b>26</b>	<b>0</b>
<b>WY7YK</b>				

<b>NEW MEXICO</b>	<b>171,336</b>	<b>765</b>	<b>58</b>	<b>30</b>
<b>W5COV</b>	<b>6,169</b>	<b>89</b>	<b>31</b>	<b>0</b>
N5FO				

<b>OKLAHOMA</b>	<b>9,509</b>	<b>118</b>	<b>37</b>	<b>0</b>
<b>KESTC</b>	<b>1,968</b>	<b>38</b>	<b>24</b>	<b>0</b>
*W5TMC				

<b>TEXAS</b>	<b>189,659</b>	<b>830</b>	<b>57</b>	<b>32</b>
<b>W5PR</b>	<b>107,310</b>	<b>605</b>	<b>54</b>	<b>9</b>
K5RX	41,730	258	53	12
AK5DX	33,453	243	50	9
*W5Q	2,350	44	25	0
*N5RZ	1,580	37	21	0
*K5FYAF	1,541	32	23	0
*W5STUF	826	22	12	2
N5VYS	432	15	11	1
*N5T	48	6	4	0
*K5ZNO	24	4	3	0

<b>CALIFORNIA</b>	<b>59,697</b>	<b>357</b>	<b>52</b>	<b>15</b>
<b>NJ6P</b>	<b>20,418</b>	<b>211</b>	<b>37</b>	<b>4</b>
W6AFA	11,440	104	40	4
K6ME	10,848	136	28	4
N6RK	10,540	144	29	2
A6LY	1,760	37	19	1
*N6JG	1,530	37	17	1
K6EM	1,462	37	16	1
W6RKC	1,440	37	10	0
*W6JBR	539	23	10	1
*W6BNM	459	20	8	1
K6W6	320	13	10	0
AG6AY	147	9	7	0
*K6GIZ	12	6	1	0
*A6UW	2	1	1	0

<b>ARIZONA</b>	<b>42,398</b>	<b>299</b>	<b>49</b>	<b>9</b>
<b>W8WZ</b>	<b>23,664</b>	<b>190</b>	<b>46</b>	<b>5</b>
*W8NWL	15,705	151	41	4
N7RK	1,962	50	17	1
K7WP	572	22	13	0
*K7GCS	387	20	8	1
*K0WYW7	270	12	9	0
KFHJ	210	15	7	0
*K7HKR	48	6	4	0
*W7MLG	36	6	3	0
*AA7F				

<b>IDAHO</b>	<b>3,658</b>	<b>45</b>	<b>28</b>	<b>3</b>
<b>K7MM</b>	<b>4,660</b>	<b>20</b>	<b>10</b>	<b>0</b>
*W7TX	380	16	10	0

<b>MONTANA</b>	<b>5,771</b>	<b>86</b>	<b>29</b>	<b>0</b>
<b>KS7T</b>				

<b>NEVADA</b>	<b>3,591</b>	<b>74</b>	<b>20</b>	<b>1</b>
<b>WU6W</b>	<b>3,591</b>	<b>74</b>	<b>20</b>	<b>1</b>
*K7FYI				

<b>UTAH</b>	<b>65,274</b>	<b>418</b>	<b>53</b>	<b>13</b>
<b>W7LW</b>	<b>8,785</b>	<b>111</b>	<b>34</b>	<b>1</b>
*N7M	3,128	55	22	1

<b>WASHINGTON</b>	<b>33,055</b>	<b>241</b>	<b>50</b>	<b>5</b>
<b>N7XS</b>	<b>18,120</b>	<b>116</b>	<b>29</b>	<b>0</b>
W42BFW	3,852	85	17	1
*N7ZUF	3,562	51	26	0
KD7UO	2,560	55	20	0
W4SRZ	2,331	44	20	1
WN7T	1,144	38	13	0
*W7SAW	40	5	4	0
*K7JSG				

<b>WYOMING</b>	<b>2,990</b>	<b>56</b>	<b>26</b>	<b>0</b>
<b>WY7YK</b>				

<b>MICHIGAN</b>	<b>139,728</b>	<b>643</b>	<b>56</b>	<b>26</b>
<b>NA8V</b>	<b>89,670</b>	<b>652</b>	<b>54</b>	<b>7</b>
K8FT	33,282	345	43	0
*W8WKO	29,256	242	49	4
N8UL	16,709	160	47	1
N8NJA	13,024	154	36	1
*K8RO	12,040	126	37	3
*N8GEO	8,155	96	34</	



