

ARRL - Fred Fish, W5FF Memorial Award

The ARRL awards the Fred Fish, W5FF Memorial Award to amateurs who submit confirmations for contacts with all 488 Maidenhead grid squares in the 48 contiguous United States on 6 Meters. The following listing contains the call signs and FFMA totals as recorded at ARRL HQ today (11 Jul 2026). Awards are NOT activated automatically; participants must apply to have the Fred Fish, W5FF Memorial Award activated when the qualifying number of credits is obtained.

See the [ARRL VUCC page](#) for details.

488	W0FY	KY7M	478	465	456
AA0MZ	W0JW	N0KE	AD1C	XE2K	AJ4A
AA5AM	W0LGQ	N7KA	AE5B		N4QS
AA5C	W3CP	WD5COV		464	
AA7A	W4UDH		477	AJ4F	455
AI5I	W5ADD	485	KC7V	KB9OWD	K9MK
K0GU	W5AFY	K9MU	N5KO		WA9DU
K1TO	W5AJ	N0POH	N7ZO	463	
K1TOL	W5EME	W5VY	NC6K	K4MY	453
K4PI	W5FF	W5ZN	W6XK	W5XC	K4YMQ
K4XO	W5KI				K7PI
K5RK	W5OZI	484	474	462	KB9DAK
K5UR	W7GJ	AD6D	K7KQA	K4SO	
K5WE	W7JW	AF5CC		K6ZH	452
K7CW	W7KNT	AI1K	473	N6ORB	N5BO
K7ULS	W7MEM		NQ7R	W5THT	N9BX
K8SIX	W9FF	483	WB0O		NE1B
K9CT	W9JN	AC0RA		461	
KA9CFD	W9RM	K1USA	472	N4JQQ	451
KA9FOX	W9XX	W0VTT	KB7ME	NA9RB	K5WBM
KD5M	WD5K	W5TRL	ND4X		KD3CQ
KG5CCI	WQ5S	WB0ULX	WD8JJA	460	
KM0A	WS9V		WE9R	K5OMC	450
KM0T		482		KF0M	K3SX
KO9A	487	K0BJ	470	W3UR	K8ZM
KR7O	K0SIX		WO7R		KF8MY
KV5W	K0TPP	481		459	
N0LL	K7MAC	KC7QY	468	N5NA	449
N0LWF	K9YY	N4WW	N5EKO		KF6HI
N0PB	N0AKC	N5WS	VE3EK	458	N8OC
N0TB	N7CW	W9VHF		K9NW	W8TN
N1AV	N7IR	WA7HQD	467	KG5THG	WB7CJO
N3SL	N9ISN		NY0V	N9BCA	
N3XX	NA6L	480		NA6MG	448
N5DG	W3IP	K5GZR	466		KP4AJ
N5OMG	XE2CQ	N4TB	KA0JGH	457	W3LPL
N6JV		XE2OR	KB6NAN	K4HB	XE2X
N7NW	486		WB9CIF	N9PGG	
N9LB	K5ND	479	WX7M	NI0G	447
N9UM	K7BG	W5WVO			AH0U
ND0B	KX4R	W9RN			KS7S

N2NL N4SC	W3LL	W0GN W5AL	406 AK3E K6FG K8EB N4UFO	WB4EVH	382 K5PI VE3YXO
446 K1HTV K6EID WB8ZBT	434 K1SIX K8ROX VE3LYC	418 NZ3M		394 AA5JF K6RO KT8O	381 AG4W W3VZ
445 K4XP KU7Z N4LR	432 K6G XO N6KK	417 NJ6D	405 AA4SC K3FRK K5CKS NE9U W0MU	393 K1GG K7XC KV7N WR7X	380 K7MCX NE6I WA5LFD
444 N7BAV W9WO	431 K0TLM	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	392 AF4HX W6OMF	379 AB9BH N8WNA
443 AB4IQ K5XI N4MM	429 K4ZOT K8ZR WA5JCI	415 K7AWB W0GJ	403 NH6T/W4	391 AB4SF AD5A W4AVY W6TMD	378 KR4BD
442 AG9S N2QT N4TL	428 K9APW	414 AA1ON K0DEQ N0GZ W4TV	402 K3FM K7SMA	390 KI0E KZ2I	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	427 W0RH	413 AE5FM WA9LFO	401 K4CKS	389 W5MO W7FI	376 K8GI K8V FV N3OC
440 W2IRT	426 N5OK W5JAY	412 VE2XK 6M FN07R2	400 K1TER W0JRP W3UUM	388 K0IP W4WRL	375 K6QG WB4OQX
439 N4QWZ NM5U	425 K6ML	411 N9EAT	399 NN4R	387 KV4T N4CH	374 K0TT KV7K N6GP N7DB NY1V
438 N5TJ	424 N4UFP N9AKR W3EP WB8BPU	410 KB0V KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	386 N7IJ W5TFW W7AH WE4S	373 K4SSO
437 K5RT KK4MA	423 W4DR	409 N1EVK N5SYV	397 KE4TH	385 NK1K VE6MB W4WTA	372 JA7QVI N0FJP
436 N9FN W3TC WB8ART	422 VE6WQ WB5JID	408 W7BA	396 K6VHF KB8U	384 K8ROK N2WK	371 AA4ZZ N3PS WA6BYA
435 KF6A	421 WW1L	407 W4AS W5CIA W5PR			
	419 K7NN				

370 K5TN KN4SM KS4YT N3MK NT0V W4FC	360 K6UM (CN85) W0NOZ	347 W2HRO	K5KDX K7BV K9QVB/9 VA2WA VE3XN W09S	W8PI	321 N0LD NC7B NS4C W9VA
369 KF8UN N2DPF W8LMG	359 AA4FF	346 N9XG W8OP		329 AA1QD N2JJ W2OR W8WG W9DCT WB4KTF WX4G	320 K1ST K7LOL N4DW
368 K0DD W5RCI W6GMT	358 K5RLA KG8P N8LRG NK0S	345 AA8SW VE7BV W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD	319 KF2T N7US
367 KC4HW W7Yaq	357 K4LVV	344 K6FW KB0PE W1OW	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC WB5TOI	327 KJ5RC N0YO W2JU W7YA	318 W4HY
366 KI7JA	355 KD5XB N3AIU (DM45)	343 K5EK N3RC N6KZ N8HRZ		326 K2ZD K5KEW K6LMN K6TDI NG7M W7JLC WF7T	317 KA8SYV W1SKU W3HDH
365 K4JJW K7XB KG7CW	354 NU6S	341 KD7DCR NX7U WA7YAZ		325 WA2AEY WX0Z	316 K3FN KA0ABA W4UCK W9BWR
364 AB5EB K0RAR N6QQ	353 AF2K K0CS WA9PWP	340 N0AN	333 AA4LR K0TC KM4HI N0IGZ W3GQ		315 K5VH NY2NY XE1AO
363 AB4EJ W4NH	352 KF9UG VE3DS W0KKK W1DYJ XE2ML	339 KE4BKL VA7FC W5VAS WB0OQV	332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	314 KU4XO
362 W1JR WA5OLT	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI		313 JE1BMJ N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
361 AC9DX K6EME K8BL K9NR N1KDO N8KOL NG4C	350 N6VI N8YO	337 K8ZES W9EWZ WA5RT WW0E	330 KB8MBC KG6AY	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
	349 KA0BAD KB1EFS			322 K0CAO N3ALN VA6SZ	311 AC9S KM3T
	348 N1JFU NJ7G	336 FG8OJ			

KS4XQ W2BZY W5DB	W9OBG WB0TVY	W2GKR W4VC WA2IIE	282 AA0ZP K5TA N8JCM W4WM	WA8MCD	266 K1OA K1WVX TG9AJR VE3MSC WB8EJN
310 N1NK W9KVR WO4DX	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	292 KJ6P W1SSN	281 AA8MA JR1LZK K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	
309 AA9RR KK0DX WA8ZID	299 DK8NE KX7L VE6WK W1LE W8UV WB5GVY	291 KS4S W1WHL W2CCC		272 KF8QL KO4PRE N4SV	265 N5KS W7CT
308 WA4HFN		290 WA8EFK	280 N0KV NM5Z W1FKF	271 K7NII KB7FUV KL0S W3HHN W3SW	264 AC8L K4JAF N0TK NF1O
307 AG1A KE5K W3ATV W9RPM	298 K0MLD K0PG KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	263 AK4PR K9AAA WB7QBS
306 K4QE KE8Y WV9L	297 KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N		262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ
305 K3VAT K6UM (CM88) KT1J WA9M	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	277 AC7JM PV8DX	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW W6TCP W9TA
304 K6IPF NS4T WA0GUD	295 KE4P N6AR N7NT XE1YY	285 AB0S K5CZD K9UO NS7K	276 HC1BI K2CS K5TWJ K7TAB W9OO	268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	260 K6JAD K9MQ N6HC NT7C W3DF XE1YD
303 EA8DBM K8TGC K8TL N7LAN	294 K2UU K6JSV W7IMC	284 AB0RX K0KP K4DET NJ2F (EL96)	275 K1MAA K2NJ N4GG VE6TA (DO33) W0FK	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX
302 JG1TSG KB2TGU N3KN	293 K3AX K4KJZ KL7HBK N4JJ N4MI	283 N5OHL WA0FQK WB0CQO	274 KB1DMX		
301 N0HJZ W7IB					

WA4YA	251 AD5JK K9QJ KG7NV NN4SS W2LV	K3TC W4EJ YV1DIG	233 K1AFC N9NJS VE7VZ W8PAT W9TD XE1L	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	WB2WIH (FN20)
258 AB5GU K1NJ K2HAT NA2NY WB7ECS	250 AA9LC N5PA NW6R	242 IT9IPQ K3WW KA3TCC VE3SMA	232 K5FO KK8MM N9NJY WA2OTC	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	
257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O	249 CT1IUA K8AO KQ5U N1GC N5SMQ	241 N6NU W5LO	231 AI9L K4MIJ K6HEW KF6GYM W9XT	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE
256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	230 JM1SZY K1ZE KO4MM VA3XJ WB0WAO/8	224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF
255 K8MVZ KG4JPL W4HFZ WA8KNE	247 JA1UAV N5DD W3TEF	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW
254 N4GBK N7QOZ NR0Q VE3OTL WD5ITW	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ
253 F4BKV KG4ERR N2XQM	245 AE4WG N1IA N3XF VA3CW	237 K3KO	227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC
252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK N3FTI N9ATD W5AJX		220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX K3EA KF7NN N1SV N2OA
	243 JA1QJI	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W		219 K1DT K2RKJ KE5RV W6DPD W7ZSL	211 K9FOH NE8S
		234 KE6FCT			

W2ZDP W5HNK W6AER W6KAP	WA3DRC	WA7KYM	WD4JHD	KR4M N1IBM N4BG	KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD
210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD KN4PPD N9UA W1ATV W2OO W4GE WB0DBS	183 K5RQ N0UBL W2UDT WC4H	
209 AA4IB W5WGF WA4NFO XE2N	202 K1BZ K5GJR WC7X WF8Z WQ5W	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W	189 4O3A K6US KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	177 AG4ZE K2QQ KI4BWW N2ZA NY4I SM7FJE W5ZG WA8UEG
208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	176 AD5ZA EA5BY K0DI KX9X N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R
207 N1BCL N8NJA		194 K2MRK N3FA N9NFT WF1H WK8A	187 AA8R K0JDD KQ0J		
206 AB0CT AE4M AK4Y CT3MD DJ5FI K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	200 4A2MAX K4YJ K6ZZ LU4FW N5AO N7PHY N9AG VA3VU	193 K9AB KD2NF KF6XA	186 K8PT K9SG KN7K N0XLR N6ZE	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	175 PV8BR
205 AF4OD K8SD KE4HOA N5ITO W8QID	199 N3KFV W4OEP WB0YEA	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	174 K3MD K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI
204 KO0Z LU2DX	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM	191 K0ITC K9CS KK6OH N9AMW W1MJC WA2BKN WA5CAM	184 AF5Q I0WTD K0DEW	178 KA2AYR	173 K2ZZ K5YPV KE4SCY

172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	JA1AFR K5IQ 159 AA6AA G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	K7ZD N1OFZ N2ADV N2WM N6DHZ W3DQS W5FI W9ILY WB5ZAM	N8IK VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WL7OU WR7AY
171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ	165 K4DXT KD5HPT N3FX W0RIC 164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	158 K8CR KI0D N2CG 157 K4FX KB8GC KC2WUF WA7NB	152 AA6I N0RC N1NUM NU1T UT7QF WO4G 151 W1ZT W2DXE 150 KW4BY N9LAH VE3OAT W7APM 149 AB6CF K4SAN KK9H W3UA WB4VHF	146 AC0W K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX 145 KD7YZ V31MD VA3TTX WA4JA 144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN 143 K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H 142 NA2X NC4VA W5SWV WA5TKU WS4V	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY 139 KC7JPC KM2O KU0G N7T NA2AA W4OV WB2JIL WY0V 138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
170 K9TVG N8CN NA2U W4IHI W4JKC WK3V 169 K6XC KD5OMJ N2BEG N5XES VE3HHT W8KNO 168 KG5ZMQ KS9J W2PD W8WEJ 167 K4MQG KB1YNT KB9REV KE5EP N0NHW N8XE NO0T TG9ADQ W1BAT	163 K2JF K2YSY N5XZ 162 AF4GK K0QB KA1R KD4TDI N5SIX OE6IMD W9JJB W9VS WA1Z WB0WAO 161 K0KVR K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD 160 AB1QB	156 IZ8FFA K2KJ K9OHI N3RN N9KO VE7VDX 155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX 154 AE4NT KB9VMW KW4OV NZ6N W3ZQN 153 AA4NC AB4GG K7AD	147 AF6AV IZ1LBG K6PSP KC1BUF		

137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP NE1I VE3TM WN6K	N1SFE W0WT W5ZO W8FR WB2WEO	W9CDL	N3YPJ VE1JC VE3XK WA6RAY WD4OHD	KI6QDH KU5B N0VR NO0B W0DHB
136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS	131 JR1BAS K3NAT KG9R KT3X N2CJ TF3JB	127 AA9RK K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH N6UTC VE2JWH W1FLD WA6BIL	123 AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3DIY W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	119 AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W7QQ WI4T WM9M	115 K9AAN K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO UW5ZM VK9DX WA3BZT WC7V
135 CU3EQ K4MWB K8ZIZ LY3W N4DB W6BXQ WB8BZK WW2DX XE1H	130 AB0X JA3LZS K0GUR K4JKB K8LG KC4NX NG9R NO8D VE1DX VE2Tzt W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W	126 HB9EFK KJ7G N0BDS N7DGI WB4HUC YL2AO	122 K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GTY	118 J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X N1QDQ N3JNX N5EIL W2AC / WB2ABK W2AC/WB2ABK	114 AC8HU K2RET K3RTU KC4GCK KG9Z NF8M VE1WOW VE3IRR W2JLK W2ZQ W4ALF W4UFO WO2C WX4US
134 AB1NS AB4GE AD4TT C6ABB GM4UYE KE5FXE KF6UFO N3AIU (DN70) N8GOU W4TKI WA3WZR	129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR	125 AA7DK K3PU KC5DRI W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P	121 AE1P K0MFI K4HBI KB2WAL KB5MH KE4JFS NE0P/9 UR0MC W8DN WB9TFH	WB2KSK	AB4PM AD5MD HB9BZA K3DQB KD4BPZ KD6VCD KM5OL N3JDQ N4YCI N5YK W0BM W8MSP W8VW WD0ENC
133 KA5ETS KC1RET KE1VT KM8V W0RT WI5D WW7Q XE2O	128 JR2LJO KC7QAG KJ6SDF KN4DMN	124 K0DLW KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W3KN W6SCQ W7YM	120 EA1YO K2CYE K4AU K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06)	117 AB5J K4WS N4USG N5JEH* N5LPT NA7L NU6V W6WE WA1TBV XE2PXN	116 IK7EOT K4RGN

K2MLS	W7RJR	WB6VYH	103	AI5WW	N8COP
K3GD	WB6YIY	WQ9F	AA5CK	K0IN	N8XS
K5WTA	WB9W		AB0YM	K0SBV	VP2MRM
KA7T		105	AB5SS	K0WJ	W2CH
N5HMH	108	AC4Q	K2OY	K2NUD	W4/KL7GLL
W1TR	CF3VRQ	DS4EOI	K4MVL	K5DWI	W4OZK
W5DQ	JA9IPF	K4SJA	K8ZEE	K5HX	W8BZY
W6OAT	JP7EIP	K9MAL	KA1W	K7SYS	W9DQ
W7IV	K5OPB	KB3JGS	KB0FHP	KB1JDX	WA5TLP
W9PN	K7MDL	KC0JYT	KB2SGX	KB4KBS	WV9E
WA8TWM	N3MWQ	KC4KK	KC9FFV	KC6AWX	
WG3K	VE3SUB	KF4DGS	KF0AIJ	KC8CSD	99
WX3P	VE7IG	KJ7TH	KF4DVG	KG8WB	AB0SD
XE1GK	VY2RU	N4NQY	KR4NO	KG9IL	AB3TM
	W4AMP	N5SAN	N0YXE	KL2R	K0YO
111	W4CRN	N7YY	N1JIF	KR4WM	K4KEW
N0SLT	W5AAJ	NE9O	NF6P	KR7LD	K4WQ
PC3T	W8EH	PU4JOE	NN2D	N1IX	K4ZO
W8GBH	W9VNE	VE3VRQ	VE7DXG	N4AOE	K5VPQ
WZ8P		W8MIL	W0TF	N8VEA	K7DD
	107	W9RVG	W3LEO	N9DVS	K7PAP
	JA3EGE	WA4MYO	W6IT	ON9CMR/W0	K9ZZE
110	K5UIC		W6XU	VA2LGQ	KA0ZEE
G4BWP	KF7PG	104	XE1RBV	W4LLP	KC2IEB
K5KR	KI9A	AB9YC		W5KBD	KC6X
K7LD	KK4LUM	AC5K	102	W7ISG	KD4MWO
KD5J	N3TTT	AC5RN	AA9MY	WB8IMY	KD6RUH
KI0F	N9OI	AC9QR	AB8JH	WD5IYT	KG9AP
KP4JRS	NF0T	IK4DRY	AD6KH		KR4UA
KQ4LA	US0KW	K5PPP	K0HAQ	100	M5MYH
KX5U	W2TTT	KB9RNO	K3HW	AC0FT	N4FV
N5TIF	WB4PPW	KC1LXO	K9AM	AI2S	N7HRT
N5YM		KC2TR	KA3ZLS	AI9U	N7JPF
W7JET	106	KD9GKL	KB8CR	K2UA	N7TE
W7UP	K0MEI	KJ7OG	KC6WFS	K4UQC	N8GHZ
	K5BJW	KM6WXB	KC8DMN	K5GM	N8YV
109	K7BWH	KO4LZ	KD8NYO	K5KV	N9MKC
AK6ZZ	K7JE	N0STP	KE1AU	K8IJ	NB5R
IW1ARB	KB0TIJ	N1LDY	KJ4M	K9CC	NH6CJ
K2DSW	KC7ICM	N2FBQ	KR5V	KB9ZLB	NI5W
K2JGL	KE5JXC	N3UPS	N1HOQ	KC2HLI	NS2P
K2OO	KJ6MBW	N7AGF	VE7ZD	KC8CC	VE2HAY
K5DNL	KK2DOG	NJ1H	W4RVZ	KC9CMT	W2HOG
K9GY	N0RQ	VE2PIJ	W5DPT	KD3SW	W2VU
KE6GLA	N1USB	W1TE	W5OV	KE5CVM	W5JLC
KJ6CA	N2IPH	W1ZE	W7UT	KF0Q	W6TJU
KZ7N	N4CE	W4KVS	W9NFL	KG5X	WA5TRX
N8TMW	N5FPW	W6ZQ	WA4IOB	KJ5OA	WB5NHX
N9TTX	N5YHF	W9EBK	WA8EQP	N3TBB	WB7VVD
VE3AAQ	N8HM	W9MDB	WB5FDP	N4NIA	WK5X
W0YJT	N9XMU	WB2VUO		N5RZK	WW2R (EL09)
W1OP	VA3OKG	WB8BZK/VE3	101	N5XTR	
W4ZRZ	VE3AJY		AE7V	N7EME	
W5MPC/1					

98	KM4NYI	NW5Q	WA3I	W3IPA	W3ZGD
AC2RL	KT5WB	NY2Z	WA4WR	W3TA	W4VG
AD8Y	N1VMJ	VE2DCP	WB2SIH	W4LNG	W5DMT
K0KC	N3UMA	W1HMM	WD8DOT	W5ODD	W5DWA
K0UD	N4BH	W3VHF	WS4S	W5PUF	W7EIR
K3IXD	N6MA	W4KK	XE2AT	W7NX	W7TRX
K3QIA	N9APK	W4TMR		WA7LHZ	W9IFW
K4OP	N9IO	W7JHS	94	WA9BXB	W9NED
K5HOB	N9KY	WA3EEC	AA4RP	WT9U	W9WI
KA1EKR	NK7C	WB0M	AB4VT	WV7S	WA5ICA
KE4LGL	NU0Y	WB5KJE	AD1DX		WB5CON
KG4YOU	NV3K	WP4LNY	AK8CW	93	
KG7E	VA3FIN		HK4SAN	AG2A	92
KJ2G	W3QT	95	K0ARM	AG6CV	K1EY
KK0CQ	W4CWA	AB9AI	K3BEE	AI8F	K5GDX
KY0Q	W4DAS	AE0G	K3TUF	K0IW	K5TDA
N0JJQ	W4ID	AE5EO	K4JRK	K1PTF	K7FU
N1JHJ	W7DN	IK8YTA	K4LDC	K1ZK	K7HKR
N3LRP	WA6OSX	K1PNQ	K4NNX	K2AK	K7UWR
N5TEY	WA9LEY	K4ED	K8GT	K2MTS	KB0PQP
N8AID	WB8RVK	K8BB	K9DOG	K4DAM	KC4JNW
NO5X	WB8ZTV	K8KFJ	K9SUL	K5TRI	KD4QMY
NO8R	WE8L	K8ME	KA2F	K6RM	KE4WBO
VA3VF		K8VD	KA9UVY	K7IP	KG4URP
VE4XTZ	96	KC5N	KB4YKC	K7TRK	KR7X
W2KRP	AD5OW	KD7WH	KB7AK	KB0USF	N2SG
W6TE	AE4TQ	KD8DR	KC0AUY	KC5TGT	N3GH
WA2FGK	AK4F	KD9ZR	KC3AK	KC5TT	N4VN
WA3TLT	K2CK	KI0SK	KD4VRZ	KC9TTR	N5QO
WB1GQR	K2UF	KW9U	KE3WM	KC9UL	N6FD
WB2YDS	K2UNK	N1XK	KF0LA	KD0QG	N6RPM
WD0E	K4EQH	N2SLO	KG4NLZ	KE6AZX	N7DED
WH6LR	K5CRJ	N2WLS	KU4JZ	KE6UMW	NS6E
WT5H	K8EMR	N3WAV	KV3W	KE8RPJ	UT5JAJ
WV5Y	K9OT	N4ET	N0LNE	KE9V	W1PV
	KA2NDX	N5BLY	N0LP	KI0J	W2ACY
97	KA3HED	N5ENU	N2SU	KK7MNC	W2CVW
AB8M	KB5GI	N5KI	N3JBH	N2BX	W3ACO
AJ9C	KB8PNS	N9IV	N3XBG	N2YTF	W3GP
K0HB	KC0HBP	N9LJX	N3YUG	N3AO	W3HZU
K0JQZ	KD6PY	OE9KFV	N5ZMP	N3ZBK	W4BP
K0QEI	KI5TE	PY2KP	N6HY	N4GOA	W4LIA
K0SH	KM5NU	VA3KS	N6MXU	N4YHC	W6NS
K0YQ	KR4EE	VA3PZ	N7NH	N7EGY	W8JV
K3HZO (FN20)	KS4V	VE3KZ	N7UN	N7JI	W9HBH
K4GTR	KT5RR	VE3SPW	N8WWM	N7KSI	WA3JKB
K4JQU	N0WVU	W4YZJ	N9DD	NA9D	WA4EEZ
K8XF	N2LID	W5ADA	N9UNX	VA3JFF	WM3O
KA2BSK	N2VHZ	W5CBF	VA3MA	VA7QI	
KA7EII	N2XK	W5RCQ	VE3RX	VE3WMD	91
KC0YBM	N8PAQ	W7JWC	VE5MX	VK5PJ	AA0CW
KD5CKP	N8YBY	W9SX	VE7AB	W0MHK	AD3Y
KF4KSN	NT2A	WA2ONK	W2GR	W2VTV	CO2WZ

K1UR	KB7BSA	WR5AY	KB1VUN	W3STU	W5DAS
K4SPA	KK4DZP	XE2NL	KC8NAH	W4IT	W5DM
K6YK	KW3DX	XE3DX	KE6WOX	W4RA	W7YOZ
K7HPN	N2ULL		KI6RRD	W6ST	W8GG
K8OI	N4BRF	88	N0ELA	W7SIR	WA2ONG
KB2YWU	N5BA	AA4QE	N2CJN	W8DQ	81
KB3IAI	N9JJ	AE0DX	NA5DX	W9QY	AB4I
KB3NDS	VA3XOV	AE4OF	NE5S	WA4WKL	DF3CB
KB7AZ	W9CPV	AF4MI	NI5F	WD4LSS	KE4DZU
KC5POV	W9CSY	K1RS	NN7RM	WF4R	N6MM
KC8LGL	WA2BEV	K3TN	W8GOC		N7NEV
KE1IU	WA8OJR	K4XD	WB3IGR	84	NI4Y
KE7RTB	WD9HCF	K7CTV	WB8JAY	CT3FT	W3MC
KG4QWC	WE7H	K7WV	WF4W	K4EZY	WA4ZXV
KI3O	WEST SEATTLE	W7XTEUR		KE6NDG	WA8ZNC
KI5BLU	WH6LE	K9JF	86	N1KI	XE1EE
KM7N	WM7C	KB2KIR	AG1T	N2NWS	
KM9I	WT4C	KC1GWX	K7FB	VE2WBK	80
KQ6K	XE3/K5ENS	KC3MLC	KA9OKH	W8PU	AC6BW
N3PPH		KE8UM	KB7JJG	W8SGR	G4FKA
N3WCM	89	KI2D	KI6HQT	ZS6NK	K7FR
N6DW	AB1TZ	KI4RFM	KN4MMH		KE4PT
N7CZ	AG2AA	KJ4KW	KP4TB	83	KR4Q
N8DEZ	AG7NR	KU4S	KT1R	AA6E	KW1DX
NR4J	G4NBS	N0OK	N2NF	DL5XJ	N2NS
NU4N	JQ1TIV	N1CEO	N3MVF	K1LH	VY2HF
VA2BBW	K4BMM	N2MKT	N8TFD	K4SQC	W2DEN
W2SUB	K5CX	N2ZN	NZ3O	K6JJ	W5TTY
W4MLN	K5JAZ	N4CAG	SV1RK	K8SIA	W7AM
W5KDA	KA0MWA	N4GN	VA3MDB	KB3HHA	
WB0NRV	KF4TVL	N4KIN	VA7LM	KB9LIE	79
WB7X	KI0G	N4UC	VE7IRU	KK7BV	K4RW
WC4V	KI4FW	N5VBK	W8IW	KU4WW	K5JBT
XE1GZU	KI4US	NS3X	WA1PMA	N5PD	KB4DSL
	KR4U	NT4TN	WB4GCS	N6KTH	KP4N
90	N2GZ	VE2VLJ	XE2AU	SV2AEL	N2COP
AA0LM	N5KAE	W2BZR		TG9AKH	N5YJZ
AB4WL	N8YSZ	W3YX	85	W7USB	N9RC
AB9DU	N9RG	W4DL	AC9GK	WD6T	VE3CFK
AF5BG	N9UDX	W4RXR	EI3IO	WD9IOK	W2GW
DL1SMA	NE2U	W7HDD	K1UU	WI6Z	W2SKI
JH4JNG	VE3VCF	WA2BTR	K4LRP	XE1MM	WN0L
K1HC	W0HRO	WA5MD	K5MJP		
K1KA	W1HY	WK3N	KB3MXK	82	78
K3CWF	W2JEK	WV8O	KC0V	AD4IE	IZ8EDJ
K3UAL	W2OK	XE1SOV	KE4DRF	CB0ZA	K2QPN
K4AAP	W4ZMM		KK4AND	K3RJK	SP5QWB
K4FTP	W6VNQ	87	N2RJ	K4JMX	TG9AWS
K4XZ	W9HT	AC0A	N4LS	KA5WSS	W4NE
K6UIP	WA7SDI	AG4I	NJ1Q	KC5YKX	
K8EAB	WB3IAL	K4JC	VE3GFN	KG4KVZ	77
KA5TJI	WM6Y	K5UZ	VE7DAY	N1SF	K1IFJ
KB5FHK	WQ5C	K5WO	W1WV	PU8TEP	

MI0AYR	KC0ZR N6GEO W2QO W4GP	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	YL3HA	35 GI4OWA LU9DO UR5WA	F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	69 K3WGR W1YM WD4LBR YL2JZ	58 KC6NBI SV8CS WA2MUA	47 HB9RYZ JE1VTZ	34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	68 AA4S EH7CD K6CF KJ7TEA	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	46 HB9RUZ	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH OE3SGU
	67 JG2TSL KF4JHG W7YED	56 KI5WA LU8ADX NI6T	45 JA6WJL K4TXJ	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN
74 AK8B CX4AAJ HB9ALO KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY KK4YEL UX1UA	55 LA3MHA SP5APW WA2EMF	44 WO3T XE2YWH/1	31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR
	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	43 8P6SH CT1EEN K4ZIN	30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM1300)	53 K0BBC PP1CZ	42 W0PR	29 HL2WA OE4VIE	18 AJ6V HL4GAV KJ4EU W0HBH
72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	51 N8OFS OH4UI VE9FCP	41 E75AA LA6OP N6PAZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	17 G3LZQ PY2XAT SP5XMU SV8CKM W0JM
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 K4DXA N6ZDH	50 N8MR	40 HA5PT JF1LMB JR0QFA WB8TGY	27 E70A KC9ELU WP4NIX	
70 GI4SJQ K4BNC	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR	39 AA5PK	26 DS4AOW WB7QXU	
			38 DD3KF DG7RO DU1EV K8YSE	25 EA4/K1WE	
			37 BA7NQ HL4CJG JA9APS JH9DRL	24 EI2JD	
			36 JA1WSK		

TI2CDA	HB9BOS	EA1AAA	US0YA	DS5TOS
15	JH8RZJ	EA7ZY	W1CBY	EA3WD
9K2BM	JI2UDK	G6MXL	WD9EWK (DM43)	EA4GQS
EI2GLB	KA5WRG	IK8GYS	YB1TJ	F1VEV
HB9FMN	PA5KT	JI5USJ	YL2CA	G4CFS
HB9HIT	SV2DCD	JJ1IDW	YL2MU	G4VSS
JE2UFF	TF3Y	KB8VAO	2	G7SQS
LU5FF	UR7DWW	M1VPN	5B4ALJ	G8TTI
PY2RN	9	MU0GSY	6K5XZE	IK5BSC
UT3UA	DL7BA	OK1IN	9A2GA	IW0AFS
WC2C	EB1EWE	ON5UE	9K2NO	IZ0BTV
14	EC7ZK	PP2RON	BV6CC	IZ2CSX
EA8MT	G6BFP	SK6QA	CO6CBF	IZ3DBA
IW3GJF	HB9GWJ	VE2NGH	DF3VG	IZ5FSA
JA2XCR	IK3ITB	VR2XMT	DF8FT	JA1GZK
KB8DVT	JA1MZL	W1ZR	DK1CO	JA7DPC
PA7RA	JA2FGL	W2ZF	EH4BPJ	JA7VXB
PV8RR	JE1LFX	YL2CZ	ES8JX	JH8XVT
PY2OC	KD3UY	4	F5TMJ	JI1HNC
W9TTY	S51NM	CT7/RC2A	G0THY	JJ1PFC
13	8	DD6UAH	G4DDL	JL2ULM
K4AKX	DK2LO	EK/RX3DPK	G8GNI	JN3ONX
K4WY	G1VDP	F1DFR	GI4ONL	KC3KJQ
PY2MC	JA1CPU	GM4CFS	IK1IYU	KG4JSZ
W4PWF	JE3PCP	GM4KHE	IK2GOQ	KH6WI
12	JJ2NWI	IV3GOW	IZ8XQC	KP4DER
EA3GP	N8RO	JH7IMX	JA6AVT	MM0INH
F4ESV	OH8LXT	JH7IPR	JA6SZV	OK1UU
HB9DDZ	7	JK6DXD	JA9FAI	ON6NA
IK2RPE	DH0GSU	UT5EL	JH3MHI	OZ1IKY
JK1UNZ	G8APB	VK4ZP	JP1HDK	PU5SVE
JN1RQV	IZ0INX	XE1SAX	K4KZM	SM3GBA
N1IW	JA2NDQ	3	K7LY	SM6LPG
ZS6WB	LA3DV	DF1ZN	KEN IN NEBRASKA	SP7EXY
11	N5ORT	DJ5AV	LA2CQ	SP5NRY
A65BR	NJ4Y	DL2KQ	OH3KAV	UN8G
DL2OE	UR5FEO	EA1AR	SV1XV	UR5EDX
EA4DAU	ZS4TX	EA4D	SV3FUO	VR2VGM
EA4ZK	6	G3LHJ	YB2DX	WB7VUF
G4CTY	CT2FEY	HA9PP	YL2KF	YO8WW
IZ4GWE	DL1TRK	HL2ZN	1	
JA2KVB	DU0A	IK0WRB	3A2MW	
JA6QHJ	EI2JC	IK8EPC	9A2EY	
PY2DV	JA7NGE	JI1CHH	AJ6T (EM66)	
PY2GM	JG1JPE	JM1GHT	BD4UJ	
10	PY2VA	JN1BPM	CT1AHU	
DL4CF	5	JR6IQI	DH8BQA	
	DL5LH	KC0Y	DJ3ZF	
		PY5IP	DL2DCX	
		SA7CJO	DL4ZAB	
		SV1VN	DS5DNO	