

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 (12 Apr 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	W5ADD	484	473	NA9RB
AA0MZ	W5AFY	AD6D	N4TB	
AA5AM	W5AJ	K7BG	NQ7R	460
AA5C	W5EME		WB0O	K4SO
AA7A	W5FF	483		KF0M
A15I	W5KI	AC0RA	472	
K0GU	W5OZI	K1USA	AI1K	459
K1TOL	W7GJ	W0VTT	KB7ME	N5NA
K4PI	W7JW	W5TRL	ND4X	
K4XO	W7KNT	WB0ULX	WD8JJA	458
K5RK	W7MEM		WE9R	K9NW
K5UR	W9FF	482		KG5THG
K5WE	W9JN	K0BJ	470	N9BCA
K7CW	W9RM	KX4R	WO7R	NA6MG
K7ULS	W9XX			
K8SIX	WD5K	481	468	457
K9CT	WQ5S	KC7QY	VE3EK	K4HB
KA9CFD	WS9V	W9VHF		N9PGG
KA9FOX		WA7HQD	467	NI0G
KD5M	487		N5EKO	W3UR
KG5CCI	K0SIX	480	NY0V	
KM0A	K1TO	K5GZR		456
KM0T	K7MAC	N4WW	466	N4QS
KO9A	K9YY	XE2OR	KA0JGH	W5THT
KR7O	N0AKC		KB6NAN	
KV5W	N7CW	479	WB9CIF	455
N0LL	N7IR	N5WS	WX7M	K9MK
N0LWF	N9ISN	W5WVO		WA9DU
N0PB	NA6L	W9RN	465	
N0TB	W3IP		XE2K	453
N1AV		478		K4YMQ
N3SL	486	AD1C	464	K7PI
N3XX	K0TPP	AE5B	AJ4F	KB9DAK
N5DG	K5ND	AF5CC	KB9OWD	
N5OMG	KY7M			452
N6JV	N0KE	477	463	N5BO
N7NW	N7KA	KC7V	K4MY	N9BX
N9LB	WD5COV	N5KO	W5XC	NE1B
N9UM	XE2CQ	N7ZO		
ND0B		NC6K	462	451
W0FY	485		K6ZH	K5WBM
W0JW	K9MU	474	N6ORB	KD3CQ
W0LGQ	N0POH	K7KQA		
W3CP	W5VY	W6XK	461	450
W4UDH	W5ZN		N4JQQ	KF8MY

449 KF6HI W8TN	436 N9FN W3TC WB8ART	422 VE6WQ WB5JID	W5PR	KT8O
448 KP4AJ W3LPL	435 K5XI KF6A	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB KB0V N4UFO	393 K1GG K7XC KV7N
447 AH0U K3SX KS7S N2NL N4SC WB7CJO	434 K1SIX K8ROX VE3LYC	417 NJ6D WW1L	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF
446 K1HTV K6EID	433 W3LL W9WO	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	391 AD5A W4AVY
445 K4XP KU7Z N4LR N8OC WB8ZBT XE2X	432 K6GXO N6KK	415 K5OMC K7AWB W0GJ	403 NH6T/W4	390 AB4SF KZ2I
444 N7BAV	431 K0TLM	414 K0DEQ N0GZ W4TV	402 K3FM K7SMA	388 K0IP W4WRL
443 AB4IQ K8ZM N4MM	430 K1TEO	413 AE5FM WA9LFO	401 K4CKS	387 KV4T N4CH
442 AG9S N2QT N4TL	429 K8ZR WA5JCI	412 NZ3M VE2XK 6M FN07PJ	400 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S
441 K8TB K9KLD WA1EAZ	428 K9APW	411 N9EAT	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA
440 W2IRT	427 K4ZOT W0RH	410 KE7SW KE8KMX KI8G N4HN	397 KE4TH	384 K8ROK W7FI
439 N4QWZ NM5U	426 N5OK W5JAY	409 AA1ON N1EVK N5SYV	396 K6VHF KB8U	383 KI0E W5MO
437 K5RT KK4MA N5TJ	425 K6ML	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO
	424 N4UFP N9AKR W3EP WB8BPU	407 W4AS W5CIA	394 AA5JF K2TER K6RO	381 AG4W W3VZ
	423 AJ4A W4DR			380 K7MCX

NE6I WA5LFD	W6GMT	353 AF2K K0CS	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM
379 AB9BH N8WNA W6TMD	367 AA4ZZ KC4HW KR4BD W7YAQ	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS	
378 WR7X	366 KI7JA	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW W4FC	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI
376 K8GI K8VFV N2WK N3OC	364 AB5EB K0RAR N6QQ	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
375 K6QG WB4OQX	363 W4NH	348 N1JFU NJ7G		
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	346 N9XG W8LMG W8OP		
373 K4SSO	361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	344 K6FW KB0PE N8LRG W1OW		327 KJ5RC N0YO W2JU W7YA
371 N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
370 K5TN KN4SM KS4YT N3MK NT0V	357 K4LVV			
369 KF8UN N2DPF	355 KD5XB	341 KD7DCR N8HRZ NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ	325 WA2AEY WX0Z
368 K0DD W5RCI	354 N3AIU (DM45)			324 HC2FG K9SH

KU4A N2BJ VE3TMG W4MAY	312 AF6O KA2GOJ	W7IB W9OBG WA8ZID WB0TVY	WA2IIE	K5TA N8JCM W4WM
323 N8II W8KEN WO2T	311 AC9S KM3T KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	292 KJ6P W1SSN	281 AA8MA JR1LZK K4OY NL7CO W2YE
322 N3ALN VA6SZ	310 K1ST N1NK W9KVR WO4DX	299 DK8NE VE6WK W1LE W8UV WB5GVY	291 K0CAO KS4S W1WHL W2CCC	280 AD7OV N0KV NM5Z W1FKF
321 N0LD NC7B NS4C W9VA	309 AA9RR		290 JE1BMJ WA8EFK	
320 N4DW	308 WA4HFN	298 K0MLD KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
319 KF2T N7US	307 AG1A KE5K W3ATV W9RPM	297 JG1TSG KE8Y KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
318 W4HY	306 K4QE WB0OQV WV9L	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	277 AC7JM K5KEW PV8DX
317 KA8SYV W1SKU W3HDH	305 K3VAT K6UM (CM88) KT1J WA9M	295 KE4P N6AR N7NT XE1YY	285 AB0S K5CZD K9UO KK0DX	276 HC1BI K2CS K5TWJ K7TAB W9OO
316 K3FN KA0ABA W4UCK W9BWR	304 K6IPF NS4T WA0GUD	294 K2UU K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK
315 K5VH NY2NY XE1AO	303 EA8DBM K8TGC K8TL N7LAN	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC	283 N5OHL WA0FQK WB0CQO	274 KB1DMX WA8MCD
314 KU4XO VE3XN	302 KB2TGU N3KN		282 AA0ZP K0PG	273 KM4H KV1J
313 N2ZZ N6NR N7UVH NF4A W4GLV W5RKN	301 N0HJZ			

VE6SH	264 AC8L K4JAF N0TK NF10	PY2XB W0PPA WA2HFI/O	W6VFA	WA3SEE WB1FLD
272 KF8QL KO4PRE N4SV	263 AK4PR K9AAA WB7QBS	256 JM1IGJ KL7NW N8ZJN	247 JA1UAV N5DD W3TEF	238 AA3GM JP1LRT
271 K7NII KB7FUV W3HHN W3SW	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ	255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	237 K3KO
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	261 AF2F K3TWK KB8UUZ N3EW W6TCP	254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX
269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	260 K6JAD N6HC NT7C XE1YD	253 KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA	252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT
267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	258 AB5GU K1NJ K2HAT NA2NY WB7ECS	251 AD5JK KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L
266 K1OA K1WVX TG9AJR VE3MSC VE6TA (DO33) WB8EJN	257 K0CCM K2KA K5QE KD4MYE N5DTT	250 AA9LC KL0S NW6R	241 N6NU W5LO	232 IT9IPQ K5FO N9NJY WA2OTC
265 N5KS W7CT		249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K6HEW KF6GYM W9XT
		248 K1ZZ	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M	230 K1ZE KO4MM VA3XJ WB0WAO/8

229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	KD4K WA2BOT	213 K3DFL KI6X W0NBC	205 AF4OD K8SD KE4HOA N5ITO W8QID	N7EPD NX0I W8DM WA7KYM
228 JM1SZY K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA	204 LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV
227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW KK8MM N7XCZ	211 K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP	203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W
226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK
225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	209 AA4IB W5WGF WA4NFO XE2N	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A
224 JA8ISU NJ8J	217 ND4V W4DEE	208 AI2N CO8DM KD5HIO PV8ABC	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	193 K7PT K9AB KD2NF
223 K7UA NJ7A	216 K7RB N0IS N6PM NE1F W1AW W5RWF	207 N1BCL N8NJA	199 N3KFV W4OEP WB0YEA	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN
222 K0YY K2TV K3AJ KA1LMR	215 AL7OC K2SX KI5FJ N2YU N6KW	206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	198 AC8TO JR2HCB N0UK	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM

WD4JHD	N0UBL W2UDT	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	W1PX W6IA WA2KBZ	KD0UHN KF9US W4CSW WK7G WQ7F
190 K5DB K5ER KC2DLD N9UA W1ATV W2OO WB0DBS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	176 AD5ZA EA5BY K0DI KX9X N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R	170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V	163 K2JF K2YSY N5XZ
189 KC0MEA WA5VKS	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	175 PV8BR	169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO
188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	174 K3MD K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	168 KG5ZMQ KS9J W2PD W8WEJ	161 K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD
187 AA8R KQ0J	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY	167 K4MQG KB1YNT KB9REV KE5EP N0NHW NO0T TG9ADQ W1BAT	160 AB1QB JA1AFR K5IQ
186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	166 I0WTD JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT
185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R		171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L	165 K4DXT KD5HPT N3FX W0RIC	158 K8CR KI0D N2CG
184 4O3A AF5Q K0DEW KR4M N1IBM N4BG			164 K2SD K5VWW	157 K4FX KB8GC KC2WUF WA7NB
183 K5RQ				

156 K2KJ K9OHI N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H W3UA WB4VHF	YV4NN	N7T NA2AA NZ6N W4OV WB2JIL WY0V	WA3WZR
155 AE4M CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W6VNQ (CM88) WB6RAB	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	133 KA5ETS KC1RET KE1VT KM8V W0RT W4GE W15D WW7Q XE2O
154 AE4NT KB9VMW KW4OV W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	142 N2ZA NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP N8IK NE1I VE3TM WN6K
153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N2WM N6DHZ W3DQS W5FI W9ILY WB5ZAM	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS	131 JR1BAS K3NAT KG9R N2CJ TF3JB
152 AA6I N0RC N1NUM NU1T UT7QF WO4G	145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H	130 AB0X JA3LZS K0GUR K4JKB K8LG KC4NX NG9R NO8D VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W
151 K00Z OE6IMD W1ZT W2DXE	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI	139 IZ8FFA KC7JPC KU0G	134 AB1NS AB4GE C6ABB GM4UYE KE5FXE KF6UFO N3AIU (DN70) N8GOU W4TKI	129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF
150 N9LAH VE3OAT W7APM				

KM5LY	W1TAM	KE4SCY (FM06)	N0VR	W5DQ
KM5SC	W6SCQ	N3YPJ	NO0B	W6OAT
N9WBR	W7YM	VE1JC	W0DHB	W7IV
	W9CDL	VE3XK		W9PN
128	WL7OU	WA6RAY	115	WA8TWM
JR2LJO		WD4OHD	K9MMS	WG3K
KC7QAG	123		KE6TVM	WX3P
KJ6SDF	AC7AF		KF0QS	XE1GK
KN4DMN	K9SM	119	KF9AF	
N1SFE	KB0GT	AE5AU	KM5FA	111
W0WT	KB0STN	K0AWU	N7VGO	N0SLT
W5ZO	KG6DHQ	K1ZN	UW5ZM	PC3T
W8FR	VE3TG	K2SQS	VK9DX	W8GBH
WB2WEO	W1HS	K4MSG	WA3BZT	WZ8P
	W3DIY	K7JIZ	WC7V	
	W3SE	KF7PCL		110
127	W4PRZ	KP3V		G4BWP
AA9RK	W5EWF	KT0P	114	K5KR
K3GYK	W7MHW	KW7N	AC8HU	K7LD
K7UV	W8BI	N4UPX	K2RET	KD5J
K8AC	W8KHP	W0QC	K3RTU	KI0F
K8OS	WA8WV	W4SW	K9AAN	KP4JRS
KB3OZC	WB2RVX	W7QQ	KC4GCK	KQ4LA
KB9TLV		WI4T	KG9Z	KX5U
KC0RQH		WM9M	NF8M	N5TIF
N6UTC	122		VE1WOW	N5YM
VE2JWH	K7AED	118	VE3IRR	W7JET
W1FLD	K7OGW	J68AS	W2JLK	W7UP
WA6BIL	KA9JAC	K4AZV	W2ZQ	
	KB4UF	KA4LBD	W4ALF	109
126	KB5WFE	KF6MXK	W4UFO	AK6ZZ
KJ7G	KC5UGX	KI7BP	WO2C	IW1ARB
N0BDS	N5HYV	KT8X	WX4US	K2DSW
N7DGI	VE6PY	KW4BY		K2JGL
WB4HUC	VE7JAC	N1QDQ	113	K2OO
YL2AO	WD0GTY	N3JNX	AB4PM	K5DNL
		N5EIL	AD5MD	K9GY
125	121	W2AC / WB2ABK	HB9BZA	KE6GLA
AA7DK	AE1P	W2AC/WB2ABK	K3DQB	KJ6CA
K3PU	K0MFI	WB2KSK	KD4BPZ	KZ7N
KC5DRI	K4HBI		KD6VCD	N8TMW
W2AJM	K6USY	117	KM5OL	N9TTX
W3UQH	KB2WAL	AB5J	N3JDQ	VE3AAQ
W4DFU	KB5MH	K4WS	N4YCI	W0YJT
WA6POZ	KE4JFS	N4USG	N5YK	W1OP
WB4OMM	NE0P/9	N5JEH*	W0BM	W4ZRZ
WE1P	UR0MC	N5LPT	W8MSP	W5MPC/1
	W8DN	NA7L	W8VW	W7RJR
124	WB9TFH	NU6V	WD0ENC	WB6YIY
K0DLW		W6WE		WB9W
KB0HH (EM06)	120	WA1TBV	112	
KD5FTD	EA1YO	XE2PXX	EA4DEI	108
KM1C	K2CYE		K2MLS	CF3VRQ
KT5MR	K4AU	116	K3GD	JA9IPF
N0SL	K4CGY	IK7EOT	K5WTA	JP7EIP
N9AZZ	KD0R	K4RGN	KA7T	K5OPB
PV8AAS	KD4MZM	KI6QDH	N5HMH	N3MWQ
W0PE	KD5BRF	KU5B	W1TR	

VE3SUB	N7YY	W0TF	W4LLP	KG9AP
VE7IG	NE9O	W3LEO	W5KBD	KR4UA
VY2RU	PU4JOE	W6IT	W7ISG	M5MYH
W4AMP	VE3VRQ	W6XU	WB8IMY	N4FV
W4CRN	W8MIL	XE1RBV	WD5IYT	N7HRT
W5AAJ	W9RVG			N7JPF
W8EH	WA4MYO	102	100	N7TE
W9VNE		AA9MY	AC0FT	N8GHZ
107	104	AB8JH	AI2S	N8YV
JA3EGE	AB9YC	AD6KH	AI9U	N9MKC
K5UIC	AC5K	HB9EFK	K2UA	NB5R
KF7PG	AC5RN	K0HAQ	K4UQC	NH6CJ
KI9A	AC9QR	K3HW	K5GM	NI5W
KK4LUM	IK4DRY	K9AM	K5KV	NS2P
N3TTT	K5PPP	KA3ZLS	K8IJ	VE2HAY
N9OI	KB9RNO	KB8CR	K9CC	W2HOG
NF0T	KC1LXO	KC6WFS	KB9ZLB	W2VU
US0KW	KC2TR	KC8DMN	KC2HLI	W5JLC
W2TTT	KD9GKL	KD8NYO	KC8CC	W6TJU
WB4PPW	KJ7OG	KE1AU	KC9CMT	WA5TRX
	KM6WXB	KJ4M	KD3SW	WB5NHX
	KO4LZ	KR5V	KE5CVM	WB7VVD
106	N0STP	N1HOQ	KF0Q	WK5X
K0MEI	N1LDY	VE7ZD	KG5X	WW2R (EL09)
K5BJW	N2FBQ	W4RVZ	KJ5OA	
K7BWH	N3UPS	W5DPT	N3TBB	98
K7JE	N7AGF	W5OV	N4NIA	AC2RL
KB0TIJ	NJ1H	W7UT	N5RZK	AD8Y
KC7ICM	VE2PIJ	W9NFL	N5XTR	K0KC
KE5JXC	W1TE	WA4IOB	N7EME	K0UD
KJ6MBW	W1ZE	WA8EQP	N8COP	K3IXD
KK2DOG	W4KVS	WB5FDP	N8XS	K3QIA
N0RQ	W6ZQ		VP2MRM	K4OP
N1USB	W9EBK	101	W2CH	K5HOB
N2IPH	W9MDB	AE7V	W4/KL7GLL	KA1EKR
N4CE	WB2VUO	K0IN	W4OZK	KE4LGL
N5FPW	WB8BZK/VE3	K0SBV	W8BZY	KG4YOU
N5YHF		K0WJ	W9DQ	KG7E
N8HM	103	K2NUD	WA5TLP	KJ2G
N9XMU	AA5CK	K5DWI	WV9E	KK0CQ
VA3OKG	AB0YM	K5HX		KY0Q
VE3AJY	AB5SS	K7SYS	99	N0JJQ
WB6VYH	K2OY	KB1JDX	AB0SD	N1JHJ
WQ9F	K4MVL	KB4KBS	AB3TM	N3LRP
	K8ZEE	KC6AWX	K0YO	N5TEY
105	KA1W	KC8CSD	K4KEW	N8AID
AC4Q	KB0FHP	KG8WB	K4WQ	NO5X
DS4EOI	KB2SGX	KG9IL	K4ZO	NO8R
K4SJA	KC9FFV	KL2R	K5VPQ	VA3VF
K9MAL	KF0AIJ	KR4WM	K7DD	VE4XTZ
KB3JGS	KF4DVG	KR7LD	K7PAP	W2KRP
KC0JYT	KR4NO	N1IX	K9ZZE	W6TE
KC4KK	N0YXE	N4AOE	KA0ZEE	WA2FGK
KF4DGS	N1JIF	N8VEA	KC2IEB	WA3TLT
KJ7TH	NF6P	N9DVS	KC6X	WB1GQR
N4NQY	NN2D	ON9CMR/W0	KD4MWO	WB2YDS
N5SAN	VE7DXG	VA2LGQ	KD6RUH	WD0E

WH6LR	KA3HED	N9LJX	N8WWM	VE3WMD
WT5H	KB5GI	PY2KP	N9DD	VK5PJ
WV5Y	KB8PNS	VA3KS	N9UNX	W0MHK
97	KC0HBP	VA3PZ	VA3MA	W2VTV
AB8M	KD6PY	VE3KZ	VE3RX	W3ZGD
AJ9C	KI5TE	VE3SPW	VE5MX	W4VG
K0HB	KM2O	W4YZJ	VE7AB	W5DMT
K0JQZ	KM5NU	W5ADA	W2GR	W5DWA
K0QEI	KR4EE	W5CBF	W3IPA	W7EIR
K0SH	KS4V	W5RCQ	W3TA	W7TRX
K0YQ	KT5RR	W7JWC	W4LNG	W9IFW
K3HZO (FN20)	N0WVU	W9SX	W5ODD	W9NED
K4GTR	N2LID	WA2ONK	W5PUF	W9WI
K4JQU	N2VHZ	WA3I	W7NX	WA5ICA
K8XF	N2XK	WA4WR	WA7LHZ	WB5CON
KA2BSK	N8PAQ	WB2SIH	WA9BXB	
KA7EII	N8YBY	WD8DOT	WT9U	92
KC0YBM	NT2A	WS4S	WV7S	K1EY
KD5CKP	NW5Q	XE2AT		K5GDY
KF4KSN	NY2Z		93	K5TDA
KM4NYI	VE2DCP	94	AG2A	K7FU
KT5WB	W1HMM	AA4RP	AG6CV	K7HKR
N1VMJ	W3VHF	AB4VT	A18F	K7UWR
N3UMA	W4KK	AD1DX	K0IW	KB0PQP
N4BH	W4TMR	AK8CW	K1PTF	KC4JNW
N6MA	W7JHS	HK4SAN	K1ZK	KD4QMY
N9APK	WA3EEC	K0ARM	K2AK	KE4WBO
N9IO	WB0M	K3BEE	K2MTS	KG4URP
N9KY	WB5KJE	K3TUF	K4DAM	KR7X
NK7C	WP4LNY	K4JRK	K5TRI	N2SG
NU0Y	95	K4LDC	K6RM	N3GH
NV3K	AB9AI	K4NNX	K7IP	N4VN
VA3FIN	AE0G	K8GT	K7TRK	N5QO
W3QT	AE5EO	K9DOG	KB0USF	N6FD
W4CWA	IK8YTA	K9SUL	KC5TGT	N6RPM
W4DAS	K1PNQ	KA2F	KC5TT	N7DED
W4ID	K4ED	KA9UVY	KC9TTR	NS6E
W7DN	K8BB	KB7AK	KC9UL	UT5JAJ
WA6OSX	K8KFJ	KC0AUY	KD0QG	W1PV
WA9LEY	K8ME	KC3AK	KE6AZX	W2ACY
WB8RVK	K8VD	KD4VRZ	KE6UMW	W2CVW
WB8ZTV	KD7WH	KE3WM	KE8RPJ	W3ACO
WE8L	KD8DR	KF0LA	KE9V	W3HZU
96	KD9ZR	KG4NLZ	KI0J	W4BP
AD5OW	KF6XA	KU4JZ	KK7MNC	W4LIA
AE4TQ	KI0SK	KV3W	N2BX	W6NS
AK4F	KW9U	N0LNE	N2YTF	W8JV
K2CK	N1XK	N0LP	N3AO	W9HBH
K2UF	N2SLO	N2SU	N3ZBK	WA3JKB
K2UNK	N2WLS	N3JBH	N4GOA	WA4EEZ
K4EQH	N3WAV	N3XBG	N4YHC	WM3O
K5CRJ	N4ET	N3YUG	N7EGY	
K8EMR	N5BLY	N5ZMP	N7JI	91
K9OT	N5ENU	N6HY	N7KSI	AA0CW
KA2NDX	N5KI	N6MXU	NA9D	AD3Y
	N9IV	N7NH	VA3JFF	CO2WZ
		N7UN	VA7QI	K1UR

K4SPA	N4BRF	AF4MI	WB3IGR	N2NWS
K6YK	N5BA	K1RS	WB8JAY	VE2WBK
K7HPN	N9JJ	K3TN	WF4W	W8PU
K8OI	VA3XOV	K4XD		W8SGR
KB2YWU	W9CPV	K7CTV	86	ZS6NK
KB3IAI	W9CSY	K7WV	AG1T	
KB3NDS	WA2BEV	K7ZYV	K7FB	83
KB4YKC	WA8OJR	K9JF	KA9OKH	AA6E
KB7AZ	WD9HCF	KB2KIR	KB7JJG	DL5XJ
KC5POV	WE7H	KC1GWX	KI6HQT	K1LH
KC8LGL	WEST SEATTLE AND WA	KB2WLR	KN4MMH	K4SQC
KE1IU	WH6LE	KE8UM	KP4TB	K6JJ
KE7RTB	WT4C	KI2D	KT1R	K8SIA
KG4QWC	XE3/K5ENS	KI4RFM	N2NF	KB3HHA
KI3O		KJ4KW	N3MVF	KB9LIE
KI5BLU	89	KU4S	N8TFD	KK7BV
KM7N	AB1TZ	N0OK	NZ3O	KU4WW
KM9I	AG2AA	N1CEO	SV1RK	N5PD
KQ6K	AG7NR	N2MKT	VA3MDB	N6KTH
N3PPH	G4NBS	N2ZN	VA7LM	SV2AEL
N3WCM	JQ1TIV	N4CAG	VE7IRU	TG9AKH
N6DW	K4BMM	N4GN	W8IW	W7USB
N7CZ	K5CX	N4KIN	WA1PMA	WD6T
N8DEZ	K5JAZ	N4UC	WB4GCS	WD9IOK
NR4J	KA0MWA	N5VBK	XE2AU	WI6Z
NU4N	KF4TVL	NS3X		XE1MM
OE9KFV	KI0G	NT4TN	85	
VA2BBW	KI4FW	VE2VLJ	AC9GK	82
W2SUB	KI4US	W2BZR	EI3IO	AD4IE
W4MLN	KR4U	W3YX	K1UU	CB0ZA
W5KDA	KT3X	W4DL	K4LRP	K3RJK
WB0NRV	N2GZ	W4RXR	KB3MXK	K4JMX
WB7X	N5KAE	W7HDD	KC0V	KA5WSS
WC4V	N8YSZ	WA2BTR	KE4DRF	KC5YKX
XE1GZU	N9RG	WA5MD	KK4AND	KG4KVZ
	N9UDX	WK3N	N2RJ	N1SF
90	NE2U	WV8O	N4LS	PU8TEP
AA0LM	VE3VCF	XE1SOV	NJ1Q	W5DAS
AB4WL	W0HRO		VE3GFN	W5DM
AB9DU	W1HY	87	VE7DAY	W7YOZ
AF5BG	W2JEK	AC0A	W1WV	W8GG
DL1SMA	W2OK	AG4I	W3STU	WA2ONG
JH4JNG	W4ZMM	K4JC	W4IT	
K1HC	W6VNVQ	K5UZ	W4RA	81
K1KA	W9HT	K5WO	W6ST	AB4I
K3CWF	WA7SDI	K6UIP	W7SIR	DF3CB
K3UAL	WB3IAL	KB1VUN	W8DQ	KE4DZU
K4AAP	WM6Y	KC8NAH	W9QY	N6MM
K4FTP	WQ5C	KE6WOX	WA4WKL	N7NEV
K4XZ	WR5AY	KI6RRD	WD4LSS	NI4Y
K8EAB	XE2NL	N0ELA	WF4R	W3MC
KA5TJI	XE3DX	N2CJN		WA4ZXV
KB5FHK		NA5DX	84	WA8ZNC
KB7BSA	88	NE5S	CT3FT	XE1EE
KK4DZP	AA4QE	NI5F	K4EZY	
KW3DX	AE0DX	NN7RM	KE6NDG	80
N2ULL	AE4OF	W8GOC	N1KI	AC6BW

G4FKA	KF2TI	OK1MP	51	DU1EV
K7FR	LU4FPZ	W4CCS	CT1ETE	K8YSE
KE4PT	VE6SO		N8OFS	
KR4Q	VK4CZ	64	OH4UI	37
KW1DX	WC6DX	K3BQ	VE9FCP	BA7NQ
N2NS		WD5GRW (EM13QC)		HL4CJG
VY2HF	73		50	JA9APS
W5TTY	JF1IRW	63	N8MR	JH9DRL
W7AM	VP2MJD	EA1DR		
	W4WT	HL2EIZ	48	36
79		KB0RFY	G8BQX	JA1WSK
K4RW	72		HL2IFR	
K5JBT	N4II	62	JA9KRO	35
KB4DSL	PV8ADI	HB9ALO	K0BBC/R	GI4OWA
KP4N		K4DXA	KI5KC	LU9DO
N2COP	71	N6ZDH	N6DBF	UR5WA
N5YJZ	K0GW	61	NP3IR	
N9RC	K4GK	CU3AN	YL3HA	34
VE3CFK	K5WPN	K4MLB		G4SEU
W2GW	NP4TT	N0GVK	47	LA2QM
W2SKI	W2YR	US5WE	HB9RYZ	
WN0L	W3FGP		JE1VTZ	33
	WC5M	60		W8GC
78		HB9BIN	45	WB4SON
IZ8EDJ	70	IZ4DPV	JA6WJL	WB8TGY (EN72)
K2QPN	GI4SJQ	KP4JFR	K4TXJ	
SP5QWB	K4BNC	S55DX		32
TG9AWS	KC0ZRZ	UR9QQ	44	DM2RM
W4NE	N6GEO		HB9RUZ	N3LRH
	W2QO	58	WO3T	SM6WET
77	W4GP	KC6NBI	XE2YWH/1	ZL3TE
K1IFJ		SV8CS		
MI0AYR	69	WA2MUA	43	31
	K3WGR		8P6SH	K7TM
76	W1YM	57	CT1EEN	
K0WYN	WD4LBR	IK1ZOF	K4ZIN	30
K6MAA		JL1UXH		E72X
KI4CYB	68	JL3MCM	42	JL3LSF
KI7WXP	AA4S	N5LJL	W0PR	JO7WXN
N1GNB	EH7CD	WD5GRW		LA6OP
N2MH/4	K6CF		41	WA6DNR
	KJ7TEA	56	E75AA	
75		KI5WA	N6PAZ	29
G4RGK	67	LU8ADX		HL2WA
K3PP	JG2TSL	NI6T	40	OE4VIE
K6VHF/HR9	W7YED		HA5PT	SP5APW
K8QM		55	JF1LMB	
N5GH	66	LA3MHA	JR0QFA	28
NP3YL	K6KLY	WA2EMF	WB8TGY	CT8/K0RUI
W4LVH	KK4YEL			JA6CRP
W5UC	UX1UA	54	39	K0FMI
WP4NEG		AG4KI	AA5PK	OH3DP
ZL3AAU	65		YL2JZ	
	JA1XEC	53	38	27
74	K4IM	K0BBC	DD3KF	E70A
AK8B	K5EJ	PP1CZ	DG7RO	KC9ELU
CX4AAJ	N7UJJ			WP4NIX

26 DS4AOW WB7QXU	W0JM	JI2UDK PA5KT SV2DCD TF3Y UR7DWW	ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	CO6CBF DF3VG DF8FT DK1CO EH4BPJ ES8JX F5TMJ G0THY G4DDL G8GNI GI4ONL IK1IYU IK2GOQ IZ8XQC JA6AVT JA6SZV JA9FAI JH3MHI JP1HDK K4KZM K7LY KEN IN NEBRASKA LA2CQ OH3KAV SV1XV SV3FUO YB2DX YL2KF
25 EA4/K1WE	16 N6VHF SV8CKM TI2CDA	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS GM4KHE IV3GOW JG1JPE JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX	
24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C	8 DK2LO JA1CPU JE3PCP JJ2NWI N8RO OH8LXT	3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC IW3GJF JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU	
23 GM4ILS K4SLC KP4EIT W8MK	14 EA8MT JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX		
22 9H1SP IZ3ENH OE3SGU		6 CT2FEY DL1TRK DU0A EI2JC JA7NGE PY2VA		1 3A2MW 9A2EY AJ6T (EM66) BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB DS5DNO DS5TOS EA3WD EA4GQS F1VEV G4CFS G4VSS G6MXL G7SQS G8TTI IK5BSC IW0AFS IZ0BTV IZ2CSX IZ3DBA IZ5FSA JA1GZK JA7DPC
21 EA1YN	13 K4WY PY2MC W4PWF			
20 CX1FK I1FQH JM1KVW N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB	5 DL5LH EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN		
19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM			
18 AJ6V HL4GAV KJ4EU W0HBH				
17 G3LZQ PY2XAT SP5XMU	10 DL4CF HB9BOS		2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC	

JA7VXB
JH8XVT
JI1HNC
JJ1PFC
JL2ULM
JN3ONX
KC3KJQ
KG4JSZ
KH6WI
KP4DER
MM0INH
OK1UU
ON6NA
OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SP7EXY
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW