

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

449 K3SX KF6HI W8TN	436 N9FN W3TC WB8ART	422 VE6WQ WB5JID	407 W4AS W5CIA W5PR	K2TER K6RO KT8O
448 KP4AJ W3LPL	435 K5XI KF6A	420 K5OMC	406 AK3E K6FG K8EB N4UFO	393 K1GG K7XC KV7N
447 AH0U KS7S N2NL N4SC WB7CJO	434 K1SIX K8ROX VE3LYC W3LL	419 K7NN W0GN W5AL	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF
446 K1HTV K6EID	433 W9WO	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	391 AD5A W4AVY W6TMD
445 K4XP K8ZM KU7Z N4LR N8OC WB8ZBT XE2X	432 K6GXO N6KK	415 K7AWB NZ3M W0GJ	403 NH6T/W4	390 AB4SF KZ2I
444 N7BAV	431 K0TLM	414 K0DEQ N0GZ W4TV	402 K3FM K7SMA	388 K0IP W4WRL
443 AB4IQ N4MM	429 K4ZOT K8ZR WA5JCI	413 AE5FM WA9LFO	401 K4CKS	387 KV4T N4CH
442 AG9S N2QT N4TL	428 K9APW	412 VE2XK 6M FN07PJ	400 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S
441 K8TB K9KLD WA1EAZ	427 W0RH	411 N9EAT	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA
440 W2IRT	426 N5OK W5JAY	410 KB0V KE7SW KE8KMX KI8G N4HN	397 KE4TH	384 K8ROK W7FI
439 N4QWZ NM5U	425 K6ML	409 AA1ON N1EVK N5SYV	396 K6VHF KB8U	383 KI0E W5MO
437 K5RT KK4MA N5TJ	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO
	423 AJ4A W4DR		394 AA5JF	381 AG4W W3VZ

380 K7MCX NE6I WA5LFD	368 K0DD W5RCI W6GMT	353 AF2K K0CS	NX7U WA7YAZ	N0IGZ W3GQ
379 AB9BH N8WNA	367 KC4HW KR4BD W7YAQ	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM
378 WR7X	366 KI7JA	351 AA4FL K5DTC	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW W3TI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW	350 N6VI N8YO	338 N9JR NA5Z VE3SXE W9XA WA5KBH	330 KB8MBC KG6AY W8PI
376 K8GI K8VFF N2WK N3OC	364 AB5EB K0RAR N6QQ	349 KA0BAD W8LMG	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
375 K6QG WB4OQX	363 W4NH	348 N1JFU NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	328 K6ME N5PT W2CNS WB3LHD
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	347 W2HRO	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	327 KJ5RC N0YO W2JU W7YA
373 K4SSO	361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	346 N9XG W8OP	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	333 AA4LR K0TC KM4HI	325 WA2AEY WX0Z
371 AA4ZZ N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	344 K6FW KB0PE N8LRG W1OW		
370 K5TN KN4SM KS4YT N3MK NT0V W4FC	357 K4LVV	343 AB4EJ K5EK N3RC N6KZ		
369 KF8UN N2DPF	355 KD5XB	341 KD7DCR N8HRZ		
	354 N3AIU (DM45)			

324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	N7UVH NF4A W4GLV W5RKN	302 KB2TGU N3KN	KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K0PG K5TA N8JCM W4WM
323 N8II W8KEN WO2T	312 AF6O KA2GOJ	301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	292 KJ6P W1SSN	281 AA8MA JR1LZK K4OY NL7CO W2YE
322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 K0CAO KS4S W1WHL W2CCC	280 AD7OV N0KV NM5Z W1FKF
321 N0LD NC7B NS4C W9VA	310 K1ST N1NK W9KVR WO4DX	299 DK8NE VE6WK W1LE W8UV WB5GVY	290 WA8EFK	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ
320 N4DW	309 AA9RR	298 K0MLD KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
319 KF2T N7US	308 WA4HFN	297 JG1TSG KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
318 W4HY	307 AG1A KE5K W3ATV W9RPM	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	277 AC7JM K5KEW PV8DX
317 KA8SYV VE3XN W1SKU W3HDH	306 K4QE KE8Y WB0OQV WV9L	295 KE4P N6AR N7NT XE1YY	285 AB0S K5CZD K9UO KK0DX	276 HC1BI K2CS K5TWJ K7TAB W9OO
316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KT1J WA9M	294 K2UU K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK
315 K5VH NY2NY XE1AO	304 K6IPF NS4T WA0GUD	293 K3AX K4KJZ	283 N5OHL WA0FQK WB0CQO	274 KB1DMX WA8MCD
314 KU4XO	303 EA8DBM K8TGC K8TL N7LAN			
313 JE1BMJ N2ZZ N6NR				

273 KM4H KV1J VE6SH	265 N5KS W7CT	K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HF1/0	N1GC N5SMQ	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD
272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF10	256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	238 AA3GM JP1LRT
271 K7NII KB7FUV W3HHN W3SW	263 AK4PR K9AAA WB7QBS	255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	247 JA1UAV N5DD W3TEF	237 K3KO
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q VE3OTL WD5ITW	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	236 K0SU K4NK N3FTI N9ATD W5AJX
269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW W6TCP	253 KG4ERR N2XQM	245 N1IA N3XF VA3CW	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
268 K6OJ K10HA N9ZTS W0KAN WB9PNU	260 K6JAD N6HC NT7C XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	234 KE6FCT
267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA	251 AD5JK K9QJ KG7NV NN4SS W2LV	243 JA1QJI K3TC W4EJ YV1DIG	233 K1AFC N9NJS VE7VZ W3DF W8PAT W9TD XE1L
266 K1OA K1WVX TG9AJR VE3MSC VE6TA (DO33) WB8EJN	258 AB5GU K1NJ K2HAT NA2NY WB7ECS	250 AA9LC KL0S NW6R	242 AE4WG K3WW KA3TCC	232 IT9IPQ K5FO KK8MM N9NJY WA2OTC
	257 K0CCM	249 CT1IUA K7LOL K8AO KQ5U	241 N5PA N6NU W5LO	231 AI9L K4MIJ K6HEW KF6GYM W9XT

230 K1ZE KO4MM VA3XJ WB0WAO/8	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ	K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 N3KFV W4OEP WB0YEA
229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC	205 AF4OD K8SD KE4HOA N5ITO W8QID	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM
228 JM1SZY K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA	204 KO0Z LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV
227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNK 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	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W K2WJ K6VDP KG6WIK
225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A
224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF	208 AI2N CO8DM KD5HIO PV8ABC		193 K7PT K9AB KD2NF KF6XA
223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW	207 N1BCL N8NJA	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR

W8FN	184	KB0EO	VE2PN	WB4KXS
191	4O3A	KB1RZA	W4ABC	165
K0ITC	AF5Q	KG5RJ	171	K4DXT
K9CS	K0DEW	N1ZUK	AA4PB	KD5HPT
KK6OH	KR4M	NQ2O	HP2AT	N3FX
N9AMW	N1IBM	VE3NRT	KC5GSK	W0RIC
WA2BKN	N4BG	W0ZY	KC5YCH	164
WA5CAM	183	W1MAD	KI4TZ	K2SD
WD4JHD	K5RQ	WY7FD	NS3L	K5VWW
190	N0UBL	177	W1PX	KD0UHN
K5DB	W2UDT	AG4ZE	W6IA	KF9US
K5ER	WC4H	K2QQ	WA2KBZ	W4CSW
KC2DLD	182	KI4BWW	170	WK7G
KN4PPD	AJ6T CM87	NY4I	K9TVG	WQ7F
N9UA	FP/KV1J	SM7FJE	N4GBK	163
W1ATV	K5GMX	W5ZG	N8CN	K2JF
W2OO	K8WK	WA8UEG	NA2U	K2YSY
WB0DBS	NZ1I	176	W1MJC	N5XZ
189	W9JJ	AD5ZA	W4IHI	162
KC0MEA	XE1CL	EA5BY	W4JKC	AF4GK
WA5VKS	181	K0DI	WK3V	K0QB
188	AB9FN	KX9X	169	KA1R
AD7KI	K4CMS	N5QGH	K6XC	KD4TDI
KD4HLG	K5HDE	N9ARX	KD5OMJ	N5SIX
W4AZR	KB8YKR	NP4BM	N2BEG	W9JJB
WA7VHF	N3XJX	W5AFD	N5XES	W9VS
WU9Q	N4DTF	WA5IPS	N7PHY	WA1Z
WX9M	N9MSG	WW2R	VE3HHT	WB0WAO
187	NY0A	175	W8KNO	161
AA8R	W4RBO	PV8BR	168	K0KVR
KQ0J	W9BS	174	AE4M	K4EA
186	WJ1B	K3MD	KG5ZMQ	KB3CWQ
DJ5FI	180	K6WRL	KS9J	KK9M
K6ZZ	K0OST	KC0IYT	W2PD	N2YBB
K8PT	K4LYN	KC6ZWT	W8WEJ	V44KAI
K9SG	KC1MMC	KG7P	167	VE3LC
KN7K	N1RK	KU0A	K4MQG	W4HOG
N0XLR	N6PEQ	N1MGO	KB1YNT	WA1LAD
N6ZE	N6VH	NA2NY (ex-NA1VT)	KB9REV	160
185	W5HI	NA6O	KE5EP	AB1QB
AD6W	179	W3SO	N0NHW	JA1AFR
KD5BQT	K1EP	WA2PNI	NOOT	K5IQ
KU4UC	KU4WD	173	TG9ADQ	159
NA2R	N0LIE	K2ZZ	W1BAT	G0OIL
PY5CC	N0MMA	K5YPV	166	K4MZ
W3OU	NH7RO	KE4SCY	I0WTD	NS7B
W5BPT	VN3DPB	172	JA1OVD	W1EME
XE1R	VA3DPB	AB9KZ	KC2GHT	W4TTO
178	W8LHP	K5ZED	N5VU	WB8NUT
KA2AYR	WA4QMQ	KI4PKW	NC4RY	
	178	KJ6HI	VA3WEB	

158 K8CR K10D N2CG	151 OE6IMD W1ZT W2DXE	WA4JA	VE3KY W4GPM W4TUN W6DQ WA4KXY	134 AB1NS AB4GE AD4TT C6ABB GM4UYE KE5FXE KF6UFO N3AIU (DN70) N8GOU W4TKI WA3WZR
157 K4FX KB8GC KC2WUF WA7NB	150 KW4BY N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	
156 IZ8FFA K2KJ K9OHI N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H W3UA WB4VHF	143 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 WI5D WW7Q XE2O
155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W6VNQ (CM88) WB6RAB	142 N2ZA NA2X NC4VA W5SWV WA5TKU WS4V		
154 AE4NT KB9VMW KW4OV W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	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	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF	136 K0XXX K4SX K6US KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS	131 JR1BAS K3NAT KG9R KT3X N2CJ TF3JB
152 AA6I N0RC N1NUM NU1T UT7QF WO4G	145 KD7YZ V31MD VA3TTX		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	WE1P	W8DN	NU6V	WD0ENC
WA2SEI		WB9TFH	W6WE	
WB4YDL	124		WA1TBV	112
WW5W	K0DLW	120	XE2PXN	EA4DEI
129	KB0HH (EM06)	EA1YO		K2MLS
8P6ET	KD5FTD	K2CYE	116	K3GD
JF4VZT	KM1C	K4AU	IK7EOT	K5WTA
K0KD	KT5MR	K4CGY	K4RGN	KA7T
K5QWO	N0SL	KD0R	KI6QDH	N5HMH
KC8KSK	N9AZZ	KD4MZM	KU5B	W1TR
KF4NEF	PV8AAS	KD5BRF	N0VR	W5DQ
KM5LY	W0PE	KE4SCY (FM06)	NO0B	W6OAT
KM5SC	W1TAM	N3YPJ	W0DHB	W7IV
N9WBR	W6SCQ	VE1JC		W9PN
	W7YM	VE3XK	115	WA8TWM
	W9CDL	WA6RAY	K9AAN	WG3K
128	WL7OU	WD4OHD	K9MMS	WX3P
JR2LJO			KE6TVM	XE1GK
KC7QAG	123	119	KF0QS	
KJ6SDF	AC7AF	AE5AU	KF9AF	111
KN4DMN	K9SM	K0AWU	KM5FA	N0SLT
N1SFE	KB0GT	K1ZN	N7VGO	PC3T
W0WT	KB0STN	K2SQS	UW5ZM	W8GBH
W5ZO	KG6DHQ	K4MSG	VK9DX	WZ8P
W8FR	VE3TG	K7JIZ	WA3BZT	
WB2WEO	W1HS	KF7PCL	WC7V	110
	W3DIY	KP3V		G4BWP
127	W3SE	KT0P		K5KR
AA9RK	W4PRZ	KW7N	114	K7LD
K3GYK	W5EWF	N4UPX	AC8HU	KD5J
K7UV	W7MHW	W0QC	K2RET	KI0F
K8AC	W8BI	W4SW	K3RTU	KP4JRS
K8OS	W8KHP	W7QQ	KC4GCK	KQ4LA
KB3OZC	WA8WV	WI4T	KG9Z	KX5U
KB9TLV	WB2RVX	WM9M	NF8M	N5TIF
KC0RQH			VE1WOW	N5YM
N6UTC	122	118	VE3IRR	W7JET
VE2JWH	K7AED	J68AS	W2JLK	W7UP
W1FLD	K7OGW	K4AZV	W2ZQ	
WA6BIL	KA9JAC	KA4LBD	W4ALF	109
	KB4UF	KF6MXK	W4UFO	AK6ZZ
126	KB5WFE	KI7BP	WO2C	IW1ARB
KJ7G	KC5UGX	KT8X	WX4US	K2DSW
N0BDS	N5HYV	N1QDQ		K2JGL
N7DGI	VE6PY	N3JNX	113	K2OO
WB4HUC	VE7JAC	N5EIL	AB4PM	K5DNL
YL2AO	WD0GTY	W2AC / WB2ABK	AD5MD	K9GY
		W2AC/WB2ABK	HB9BZA	KE6GLA
125	121	WB2KSK	K3DQB	KJ6CA
AA7DK	AE1P		KD4BPZ	KZ7N
K3PU	K0MFI	117	KD6VCD	N8TMW
KC5DRI	K4HBI	AB5J	KM5OL	N9TTX
W2AJM	KB2WAL	K4WS	N3JDQ	VE3AAQ
W3UQH	KB5MH	N4USG	N4YCI	W0YJT
W4DFU	KE4JFS	N5JEH*	N5YK	W1OP
WA6POZ	NE0P/9	N5LPT	W0BM	W4ZRZ
WB4OMM	UR0MC	NA7L	W8MSP	W5MPC/1
			W8VW	

W7RJR	105	KA1W	KC8CSD	K4KEW
WB6YIY	AC4Q	KB0FHP	KG8WB	K4WQ
WB9W	DS4EOI	KB2SGX	KG9IL	K4ZO
108	K4SJA	KC9FFV	KL2R	K5VPQ
CF3VRQ	K9MAL	KF0AIJ	KR4WM	K7DD
JA9IPF	KB3JGS	KF4DVG	KR7LD	K7PAP
JP7EIP	KC0JYT	KR4NO	N1IX	K9ZZE
K5OPB	KC4KK	N0YXE	N4AOE	KA0ZEE
K7MDL	KF4DGS	N1JIF	N8VEA	KC2IEB
N3MWQ	KJ7TH	NF6P	N9DVS	KC6X
VE3SUB	N4NQY	NN2D	ON9CMR/W0	KD4MWO
VE7IG	N5SAN	VE7DXG	VA2LGQ	KD6RUH
VY2RU	N7YY	W0TF	W4LLP	KG9AP
W4AMP	NE9O	W3LEO	W5KBD	KR4UA
W4CRN	PU4JOE	W6IT	W7ISG	M5MYH
W5AAJ	VE3VRQ	W6XU	WB8IMY	N4FV
W8EH	W8MIL	XE1RBV	WD5IYT	N7HRT
W9VNE	W9RVG			N7JPF
	WA4MYO	102	100	N7TE
107	104	AA9MY	AC0FT	N8GHZ
JA3EGE	AB9YC	AB8JH	AI2S	N8YV
K5UIC	AC5K	AD6KH	AI9U	N9MKC
KF7PG	AC5RN	HB9EFK	K2UA	NB5R
KI9A	AC9QR	K0HAQ	K4UQC	NH6CJ
KK4LUM	IK4DRY	K3HW	K5GM	NI5W
N3TTT	K5PPP	K9AM	K5KV	NS2P
N9OI	KB9RNO	KA3ZLS	K8IJ	VE2HAY
NF0T	KC1LXO	KB8CR	K9CC	W2HOG
US0KW	KC2TR	KC6WFS	KB9ZLB	W2VU
W2TTT	KD9GKL	KC8DMN	KC2HLI	W5JLC
WB4PPW	KJ7OG	KD8NYO	KC8CC	W6TJU
	KM6WXB	KE1AU	KC9CMT	WA5TRX
106	KO4LZ	KJ4M	KD3SW	WB5NHX
K0MEI	N0STP	KR5V	KE5CVM	WB7VVD
K5BJW	N1LDY	N1HOQ	KF0Q	WK5X
K7BWH	N2FBQ	VE7ZD	KG5X	WW2R (EL09)
K7JE	N3UPS	W4RVZ	KJ5OA	
KB0TIJ	N7AGF	W5DPT	N3TBB	98
KC7ICM	NJ1H	W5OV	N4NIA	AC2RL
KE5JXC	VE2PIJ	W7UT	N5RZK	AD8Y
KJ6MBW	W1TE	W9NFL	N5XTR	K0KC
KK2DOG	W1ZE	WA4IOB	N7EME	K0UD
N0RQ	W4KVS	WA8EQP	N8COP	K3IXD
N1USB	W6ZQ	WB5FDP	N8XS	K3QIA
N2IPH	W9EBK	101	VP2MRM	K4OP
N4CE	W9MDB	AE7V	W2CH	K5HOB
N5FPW	WB2VUO	K0IN	W4/KL7GLL	KA1EKR
N5YHF	WB8BZK/VE3	K0SBV	W4OZK	KE4LGL
N8HM		K0WJ	W8BZY	KG4YOU
N9XMU	103	K2NUD	W9DQ	KG7E
VA3OKG	AA5CK	K5DWI	WA5TLP	KJ2G
VE3AJY	AB0YM	K5HX	WV9E	KK0CQ
WB6VYH	AB5SS	K7SYS	99	KY0Q
WQ9F	K2OY	KB1JDX	AB0SD	N0JJQ
	K4MVL	KB4KBS	AB3TM	N1JHJ
	K8ZEE	KC6AWX	K0YO	N3LRP
				N5TEY

N8AID	96	K10SK	KV3W	N2BX
NO5X	AD5OW	KW9U	N0LNE	N2YTF
NO8R	AE4TQ	N1XK	N0LP	N3AO
VA3VF	AK4F	N2SLO	N2SU	N3ZBK
VE4XTZ	K2CK	N2WLS	N3JBH	N4GOA
W2KRP	K2UF	N3WAV	N3XBG	N4YHC
W6TE	K2UNK	N4ET	N3YUG	N7EGY
WA2FGK	K4EQH	N5BLY	N5ZMP	N7JI
WA3TLT	K5CRJ	N5ENU	N6HY	N7KSI
WB1GQR	K8EMR	N5KI	N6MXU	NA9D
WB2YDS	K9OT	N9IV	N7NH	VA3JFF
WD0E	KA2NDX	N9LJX	N7UN	VA7QI
WH6LR	KA3HED	PY2KP	N8WWM	VE3WMD
WT5H	KB5GI	VA3KS	N9DD	VK5PJ
WV5Y	KB8PNS	VA3PZ	N9UNX	W0MHK
	KC0HBP	VE3KZ	VA3MA	W2VTV
97	KD6PY	VE3SPW	VE3RX	W3ZGD
AB8M	KI5TE	W4YZJ	VE5MX	W4VG
AJ9C	KM2O	W5ADA	VE7AB	W5DMT
K0HB	KM5NU	W5CBF	W2GR	W5DWA
K0JQZ	KR4EE	W5RCQ	W3IPA	W7EIR
K0QEI	KS4V	W7JWC	W3TA	W7TRX
K0SH	KT5RR	W9SX	W4LNG	W9IFW
K0YQ	N0WVU	WA2ONK	W5ODD	W9NED
K3HZO (FN20)	N2LID	WA3I	W5PUF	W9WI
K4GTR	N2VHZ	WA4WR	W7NX	WA5ICA
K4JQU	N2XK	WB2SIH	WA7LHZ	WB5CON
K8XF	N8PAQ	WD8DOT	WA9BXB	
KA2BSK	N8YBY	WS4S	WT9U	92
KA7EII	NT2A	XE2AT	WV7S	K1EY
KC0YBM	NW5Q			K5GDx
KD5CKP	NY2Z	94	93	K5TDA
KF4KSN	VE2DCP	AA4RP	AG2A	K7FU
KM4NYI	W1HMM	AB4VT	AG6CV	K7HKR
KT5WB	W3VHF	AD1DX	A18F	K7UWR
N1VMJ	W4KK	AK8CW	K0IW	KB0PQP
N3UMA	W4TMR	HK4SAN	K1PTF	KC4JNW
N4BH	W7JHS	K0ARM	K1ZK	KD4QMY
N6MA	WA3EEC	K0JDD	K2AK	KE4WBO
N9APK	WB0M	K3BEE	K2MTS	KG4URP
N9IO	WB5KJE	K3TUF	K4DAM	KR7X
N9KY	WP4LNY	K4JRK	K5TRI	N2SG
NK7C		K4LDC	K6RM	N3GH
NU0Y	95	K4NNX	K7IP	N4VN
NV3K	AB9AI	K8GT	K7TRK	N5QO
VA3FIN	AE0G	K9DOG	KB0USF	N6FD
W3QT	AE5EO	K9SUL	KC5TGT	N6RPM
W4CWA	IK8YTA	KA2F	KC5TT	N7DED
W4DAS	K1PNQ	KA9UVY	KC9TTR	NS6E
W4ID	K4ED	KB7AK	KC9UL	UT5JAJ
W7DN	K8BB	KC0AUy	KD0QG	W1PV
WA6OSX	K8KFJ	KC3AK	KE6AZX	W2ACY
WA9LEY	K8ME	KD4VRZ	KE6UMW	W2CVW
WB8RVK	K8VD	KE3WM	KE8RPJ	W3ACO
WB8ZTV	KD7WH	KF0LA	KE9V	W3GP
WE8L	KD8DR	KG4NLZ	KI0J	W3HZU
	KD9ZR	KU4JZ	KK7MNC	W4BP

W4LIA	K1KA	WA7SDI	K6UIP	W7SIR
W6NS	K3CWF	WB3IAL	KB1VUN	W8DQ
W8JV	K3UAL	WM6Y	KC8NAH	W9QY
W9HBH	K4AAP	WQ5C	KE6WOX	WA4WKL
WA3JKB	K4FTP	WR5AY	KI6RRD	WD4LSS
WA4EEZ	K4XZ	XE2NL	N0ELA	WF4R
WM3O	K8EAB	XE3DX	N2CJN	
	KA5TJI		NA5DX	84
91	KB5FHK	88	NE5S	CT3FT
AA0CW	KB7BSA	AA4QE	NI5F	K4EZY
AD3Y	KK4DZP	AE0DX	NN7RM	KE6NDG
CO2WZ	KW3DX	AE4OF	W8GOC	N1KI
K1UR	N2ULL	AF4MI	WB3IGR	N2NWS
K4SPA	N4BRF	K1RS	WB8JAY	VE2WBK
K6YK	N5BA	K3TN	WF4W	W8PU
K7HPN	N9JJ	K4XD		W8SGR
K8OI	VA3XOV	K7CTV	86	ZS6NK
KB2YWU	W9CPV	K7WV	AG1T	
KB3IAI	W9CSY	K7ZYV	K7FB	83
KB3NDS	WA2BEV	K9JF	KA9OKH	AA6E
KB4YKC	WA8OJR	KB2KIR	KB7JJG	DL5XJ
KB7AZ	WD9HCF	KC1GWX	KI6HQT	K1LH
KC5POV	WE7H	KC3MLC	KN4MMH	K4SQC
KC8LGL	WEST SEATTLE AMATEUR	KA8EJW	KP4TB	K6JJ
KE1IU	WH6LE	KI2D	KT1R	K8SIA
KE7RTB	WT4C	KI4RFM	N2NF	KB3HHA
KG4QWC	XE3/K5ENS	KJ4KW	N3MVF	KB9LIE
KI3O		KU4S	N8TFD	KK7BV
KI5BLU	89	N0OK	NZ3O	KU4WW
KM7N	AB1TZ	N1CEO	SV1RK	N5PD
KM9I	AG2AA	N2MKT	VA3MDB	N6KTH
KQ6K	AG7NR	N2ZN	VA7LM	SV2AEL
N3PPH	G4NBS	N4CAG	VE7IRU	TG9AKH
N3WCM	JQ1TIV	N4GN	W8IW	W7USB
N6DW	K4BMM	N4KIN	WA1PMA	WD6T
N7CZ	K5CX	N4UC	WB4GCS	WD9IOK
N8DEZ	K5JAZ	N5VBK	XE2AU	WI6Z
NR4J	KA0MWA	NS3X		XE1MM
NU4N	KF4TVL	NT4TN	85	
OE9KFV	KI0G	VE2VLJ	AC9GK	82
VA2BBW	KI4FW	W2BZR	EI3IO	AD4IE
W2SUB	KI4US	W3YX	K1UU	CB0ZA
W4MLN	KR4U	W4DL	K4LRP	K3RJK
W5KDA	N2GZ	W4R XR	KB3MXK	K4JMX
WB0NRV	N5KAE	W7HDD	KC0V	KA5WSS
WB7X	N8YSZ	WA2BTR	KE4DRF	KC5YKX
WC4V	N9RG	WA5MD	KK4AND	KG4KVZ
XE1GZU	N9UDX	WK3N	N2RJ	N1SF
	NE2U	WV8O	N4LS	PU8TEP
	VE3VCF	XE1SOV	NJ1Q	W5DAS
90	W0HRO		VE3GFN	W5DM
AA0LM	W1HY	87	VE7DAY	W7YOZ
AB4WL	W2JEK	AC0A	W1WV	W8GG
AB9DU	W2OK	AG4I	W3STU	WA2ONG
AF5BG	W4ZMM	K4JC	W4IT	
DL1SMA	W6V NQ	K5UZ	W4RA	81
JH4JNG	W9HT	K5WO	W6ST	AB4I
K1HC				

DF3CB	K6VHF/HR9	KF4JHG	LU8ADX	40
KE4DZU	K8QM	W7YED	NI6T	HA5PT
N6MM	N5GH			JF1LMB
N7NEV	NP3YL	66	55	JR0QFA
NI4Y	W4LVH	K6KLY	LA3MHA	WB8TGY
W3MC	W5UC	KK4YEL	WA2EMF	
WA4ZXV	WP4NEG	UX1UA		39
WA8ZNC	ZL3AAU		54	AA5PK
XE1EE		65	AG4KI	YL2JZ
80	74	JA1XEC		38
AC6BW	AK8B	K4IM	53	DD3KF
G4FKA	CX4AAJ	K5EJ	K0BBC	DG7RO
K7FR	KF2TI	N7UJJ	PP1CZ	DU1EV
KE4PT	LU4FPZ	OK1MP		K8YSE
KR4Q	VE6SO	W4CCS	51	
KW1DX	VK4CZ		CT1ETE	
N2NS	WC6DX	64	N8OFS	37
VY2HF		K3BQ	OH4UI	BA7NQ
W5TTY	73	WD5GRW (EM13QO)	OE9FCP	HL4CJG
W7AM	JF1IRW			JA9APS
	VP2MJD	63	50	JH9DRL
	W4WT	EA1DR	N8MR	
79	72	HL2EIZ		36
K4RW	N4II	KB0RFY	48	JA1WSK
K5JBT	PV8ADI		G8BQX	
KB4DSL		62	HL2IFR	35
KP4N	71	HB9ALO	JA9KRO	GI4OWA
N2COP	K0GW	K4DXA	K0BBC/R	LU9DO
N5YJZ	K4GK	N6ZDH	KI5KC	UR5WA
N9RC	K5WPN	61	N6DBF	
VE3CFK	NP4TT	CU3AN	NP3IR	34
W2GW	W2YR	K4MLB	YL3HA	G4SEU
W2SKI	W3FGP	N0GVK		LA2QM
WN0L	WC5M	US5WE	47	
78	70	60	HB9RYZ	33
IZ8EDJ	GI4SJQ	HB9BIN	JE1VTZ	W8GC
K2QPN	K4BNC	IZ4DPV		WB4SON
SP5QWB	KC0ZR	KP4JFR	45	WB8TGY (EN72)
TG9AWS	N6GEO	S55DX	JA6WJL	
W4NE	W2QO	UR9QQ	K4TXJ	32
77	W4GP	58	44	DM2RM
K1IFJ	69	KC6NBI	HB9RUZ	N3LRH
MI0AYR	K3WGR	SV8CS	WO3T	SM6WET
76	W1YM	WA2MUA	XE2YWH/1	ZL3TE
K0WYN	WD4LBR	57	43	31
K6MAA		IK1ZOF	8P6SH	K7TM
KI4CYB	68	JL1UXH	CT1EEN	
KI7WXP	AA4S	JL3MCM	K4ZIN	30
N1GNB	EH7CD	N5LJL		E72X
N2MH/4	K6CF	WD5GRW	42	JL3LSF
	KJ7TEA		W0PR	JO7WXN
75	67	56	41	LA6OP
G4RGK	JG2TSL	KI5WA	E75AA	WA6DNR
K3PP			N6PAZ	
			29	HL2WA

OE4VIE SP5APW	PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM	DU0A EI2JC JA7NGE PY2VA	PY5IP SA7CJO SV1VN W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU
28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH		5 DL5LH EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC 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
27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU W0JM	10 DL4CF HB9BOS JH8RZJ JI2UDK JI2UDK PA5KT SV2DCD TF3Y UR7DWW		
26 DS4AOW WB7QXU	16 N6VHF SV8CKM TI2CDA			
25 EA4/K1WE				
24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C	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	
23 GM4ILS K4SLC KP4EIT W8MK	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DK2LO JA1CPU JE3PCP JJ2NWI N8RO OH8LXT		
22 9H1SP IZ3ENH OE3SGU				
21 EA1YN	13 K4WY PY2MC W4PWF	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX	3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC JI1CHH JM1GHT JN1BPM JR6IQI KC0Y	
20 CX1FK I1FQH JM1KVW N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB	6 CT2FEY DL1TRK		1 3A2MW 9A2EY AJ6T (EM66) BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB DS5DNO DS5TOS EA3WD
19 DL1TS EA6BB JI4WAO JR3UIC				

EA4GQS
F1VEV
G4CFS
G4VSS
G6MXL
G7SQS
G8TTI
IK5BSC
IW0AFS
IZ0BTV
IZ2CSX
IZ3DBA
IZ5FSA
JA1GZK
JA7DPC
JA7VXB
JH8XVT
JI1HNC
JJ1PFC
JL2ULM
JN3ONX
KC3KJQ
KG4JSZ
KH6WI
KP4DER
MM0INH
OK1UU
ON6NA
OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SP7EXY
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW