

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 (30 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	ND0B	K7BG	479	466	K4HB
AA0MZ	W0FY	KX4R	W5WVO	K4MY	N9PGG
AA5AM	W0JW	KY7M	W9RN	K4SO	
AA5C	W0LGQ	N0KE		KA0JGH	456
AA7A	W3CP	N7KA	478	KB6NAN	AJ4A
AI5I	W4UDH	W5ZN	AD1C	WB9CIF	N4QS
K0GU	W5ADD	WD5COV	AE5B	WX7M	
K1TO	W5AFY				455
K1TOL	W5AJ	485	477	465	K8ZM
K4PI	W5EME	K9MU	KC7V	XE2K	K9MK
K4XO	W5FF	N0POH	N5KO		WA9DU
K5RK	W5KI	W5VY	N7ZO	464	
K5UR	W5OZI		NC6K	KB9OWD	454
K5WE	W5TRL	484	W6XK		WB7CJO
K7CW	W7GJ	AD6D		463	
K7ULS	W7JW	AF5CC	474	NI0G	453
K8SIX	W7KNT	AI1K	K7KQA	W5XC	K4YMQ
K9CT	W7MEM	N5WS			K7PI
KA9CFD	W9FF	WQ0P	473	462	KB9DAK
KA9FOX	W9JN		NQ7R	K6ZH	
KD5M	W9RM	483	WB0O	N6ORB	452
KG5CCI	W9XX	AC0RA		W5THT	N5BO
KM0A	WD5K	K1USA	472		N8YO
KM0T	WQ5S	W0VTT	KB7ME	461	N9BX
KO9A	WS9V	WB0ULX	WD8JJA	N4JQQ	NE1B
KR7O			WE9R	NA9RB	
KV5W	487	482			451
N0LL	K0SIX	K0BJ	470	460	K5WBM
N0LWF	K0TPP		N4SIX	K5OMC	KD3CQ
N0PB	K7MAC	481	WO7R	K5RT	XE2X
N0TB	K9YY	KC7QY		KF0M	
N1AV	N0AKC	N4WW	469	W3UR	450
N3SL	N7CW	W9VHF	AJ4F		KF8MY
N3XX	N7IR	WA7HQD		458	
N5DG	N9ISN		468	K9NW	449
N5NA	NA6L	480	N5EKO	KG5THG	KF6HI
N5OMG	W3IP	K5GZR	VE3EK	N9BCA	KK4MA
N6JV	XE2CQ	N4TB		NA6MG	N8OC
N7NW		XE2OR	467		W8TN
N9LB	486		NY0V	457	
N9UM	K5ND			K3SX	

448 KP4AJ W3LPL	436 N9FN W3TC WB8ART	WB5JID	W5CIA W5PR	K0AZ K5XM KF7CQ NP4EI/W7 WB4EVH	385 K7XB NK1K VE6MB W4WTA
447 AH0U KS7S N2NL N4SC	435 KF6A	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB N4UFO	394 AA5JF K6RO	384 K8ROK N2WK
446 K1HTV K6EID WB8ZBT	434 K1SIX VE3LYC	416 K4RWP K7ND KO4MA NI0P	405 AA4SC K3FRK K5CKS NE9U W0MU	393 K1GG K7XC KV7N WR7X	382 K5PI VE3YXO
445 K4XP KU7Z N4LR WA1EAZ	431 K0TLM NZ3M	415 K7AWB ND4X W0GJ	404 N2ZX VE4EAR W5SUM	392 AB4SF AF4HX K5HPT W6OMF	381 AG4W W3VZ
444 K4SSO N7BAV W9WO	430 K1TEO	414 K0DEQ K2TER KM8V N0GZ W4TV	403 K6VHF NH6T/W4	391 AD5A W4AVY W6TMD	380 K7MCX NE6I WA5LFD
443 AB4IQ K5XI N4MM	429 K8ZR WA5JCI WW1L	413 AE5FM WA9LFO	402 K3FM	390 AB4EJ KZ2I W7FI	379 AB9BH N8WNA
442 AG9S N2QT N4TL NJ6D	428 K9APW	412 VE2XK 6M FN07PJ	401 K4CKS	389 W5MO	378 KR4BD
441 K8TB K9KLD W3LL	427 W0RH	411 N9EAT	400 KT8O W0JRP W3UUM	388 K0IP W4WRL	377 AB1OC N8LRG NT9E
440 W2IRT	426 N5OK W5JAY	410 KB0V KE7SW KE8KMX KI8G N4HN	399 NN4R	387 AC9DX KV4T N0FJP N4CH	376 K8GI K8VFX N3OC N9JR
439 K4ZOT K8ROX N4QWZ NM5U	425 AA1ON K6ML	409 N1EVK N5SYV	398 N8IEZ W1NG	375 K6QG WB4OQX	374 K0TT KV7K N6GP N7DB NY1V
438 N5TJ	424 N4UFP N9AKR W3EP WB8BPU	408 K7SMA W7BA	397 KE4TH KI0E	386 KF9UG N7IJ W5TFW W7AH WE4S	
	423 W4DR	407 K8JH W4AS	396 KB8U WA1NLG		
	422 VE6WQ		395 AA5XE		

372 JA7QVI	361 K8BL K9NR N1KDO N8KOL NG4C	348 N1JFU NJ7G	W9EWZ WA5RT WW0E	N4MW W3TI	WO2T
371 AA4ZZ N3PS NK0S WA6BYA		347 W2HRO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3XN WO9S	330 KB8MBC KG6AY W8PI	322 JG1TSG N3ALN VA6SZ
370 K5TN KG8P KN4SM KS4YT N3MK NT0V W4FC	360 K6UM (CN85) W0NOZ	346 N9XG W8OP		329 AA1QD N2JJ W2OR W8WG W9DCT WX4G	321 N0LD NC7B NS4C W9VA
	359 AA4FF K0CAO	345 AA8SW VE7BV W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA		320 K7LOL N4DW
369 KF8UN N2DPF W8LMG	357 K4LVV WA9PWP	344 K6FW KB0PE W1OW		328 K6ME N5PT W2CNS WB3LHD	319 KF2T N7US
368 K0DD W5RCI W6GMT	356 K7PT	343 K5EK N3RC N6KZ N8HRZ		327 KJ5RC N0YO N2ZZ W2JU W7YA	318 W4HY
367 KC4HW W7Yaq	355 KD5XB N3AIU (DM45)	341 KD7DCR NX7U W7IMC WA7YAZ	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC WB5TOI		317 KA8SYV W1SKU
366 KI7JA	354 NU6S			326 K2ZD K6LMN K6TDI NG7M W3HDH W7JLC WF7T	316 DK8NE K3FN KA0ABA W4UCK W9BWR
365 K4JJW K6EME KG7CW WA7PDC	353 AF2K K0CS	340 K0JDD N0AN	333 AA4LR K0TC KK0DX KM4HI N0IGZ W3GQ XE1YY		315 K5VH NY2NY WA8ZID XE1AO
364 AB5EB K0RAR K5KEW N6QQ	352 VE3DS W0KKK W1DYJ XE2ML	339 KE4BKL VA7FC W5VAS WB0OQV		325 WA2AEY WX0Z	314 KU4XO
363 W4NH	351 AA4FL	338 NA5Z VE3SXE W4MAY W9XA WA5KBH	332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG	313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN
362 W1JR WA5OLT	350 KB1EFS N6VI WB4KTF	337 K8ZES	331 K8WDA KC0UDO	323 K1ST N8II W8KEN	

312 AF6O KA2GOJ	N3KN	N4JJ N4MI W2GKR W4VC WA2IIE	283 N5OHL NA5DX WA0FQK WB0CQO	275 K1MAA K2NJ N4GG VE6TA (DO33) W0FK	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB
311 AC9S KM3T KS4XQ W2BZY W5DB	301 N0HJZ W7IB W9OBG WB0TVY	292 KJ6P N4ST W1SSN	282 AA0ZP K5TA N8JCM W4WM	274 KB1DMX WA8MCD	266 K1OA K1WVX TG9AJR VE3MSC WB8EJN
310 N1NK W9KVR WO4DX	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 KS4S W1WHL W2CCC	281 AA8MA JR1LZK K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	
309 AA9RR	299 KX7L VE6WK W1LE W8UV WB5GVY	290 WA8EFK	280 N0KV NM5Z W1FKF	272 KF8QL KO4PRE	265 N5KS
308 WA4HFN		289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W3SW W4LTJ		271 K7NII KB7FUV W3HHN	264 AC8L K4JAF N0TK N5AO NF1O
307 AG1A KE5K W3ATV W9RPM	298 K0MLD K0PG KD4WSC N4IQ	288 K1NU W1DU W4HLR	279 N3JPU W0PPA W0VHF (EL87) W8GJ XE1FAS YV1DIG	270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	263 AK4PR K9AAA KK8MM WB7QBS
306 K4QE KE8Y WV9L	297 KG5EIU N8YQX N9LF	287 K8DP KC7MRQ N8CGY W7CT WA4NVM	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KF6XA N5EPA N5WD VA2CY WI7P	262 K3CWH K5VR ND4DX WA0KBZ
305 K3VAT K6UM (CM88) KT1J N4SV WA9M	296 K4XR K6YUI KC7RW	285 AB0S K5CZD K9UO NS7K	277 AC7JM PV8DX	268 K1DT K6OJ KI0HA N9ZTS W0KAN WB9PNU	261 AF2F K3TWK KB8UUZ N3EW W6TCP W9TA
304 K6IPF NS4T WA0GUD	295 KE4P N6AR N7NT	284 AB0RX K0KP K4DET KL0S NJ2F (EL96)			260 K6JAD K9MQ N5PA N6HC NT7C
303 EA8DBM K8TGC K8TL N7LAN	294 K2UU K6JSV		276 HC1BI K2CS K5TWJ K7TAB KD8JSP W9OO		
302 KB2TGU	293 K3AX K4KJZ KL7HBK				

W3DF XE1YD	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	N4JRY VA3ZV VE3VHB W0VD WD4IXD	VO1GO WB6RJH WT2P WZ9W	227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	219 K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)
259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	251 AD5JK K9QJ KG7NV NN4SS W2LV	243 JA1QJI K3TC W4EJ	234 KE6FCT	226 AF5WN N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ KB8KVJ KC0VDY NA5C
258 AB5GU K1NJ K2HAT NA2NY WB7ECS	250 AA9LC KS9J NW6R	242 IT9IPQ K3WW KA3TCC VE3SMA	233 K1AFC K3EA N9NJS VE7VZ W8PAT W9TD XE1L		217 ND4V W4DEE
257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/0	249 CT1IUA K8AO KQ5U N1GC N5SMQ	241 N6NU W5LO	232 K5FO N9NJY WA2OTC	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	216 K7RB N0IS N6PM NE1F W1AW W5RWF
256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K6HEW KF6GYM W9XT	224 JA8ISU NJ8J	215 AL7OC K2SX KI5FJ N2YU N6KW
255 K8MVZ KG4JPL W4HFZ WA8KNE	247 JA1UAV N5DD W3TEF	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	230 JM1SZY K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ
254 KG9Z N4GBK N5SIX N7QOZ NR0Q VE3OTL WD5ITW	246 K0DAS K8YC KK8X N5TIT W4FRA	238 AA3GM JP1LRT	229 GD0TEP K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	213 K3DFL KI6X W0NBC
253 F4BKV KG4ERR N2XQM	245 AE4WG N1IA N3XF VA3CW	237 K3KO	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
	244 K8DV N3AIU (FM08)	235 ND0C NN9X		220 K7BTW N7XCZ	

211 K9FOH KD3HN NE8S W2ZDP W5HNC W6AER W6KAP	W1MJC W8QID	198 AC8TO JR2HCB K9OHI N0UK N7EPD W8DM WA7KYM	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 AF5Q K0DEW KR4M N1IBM N3FX N4BG	WA4QMQ
210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	204 K00Z LU2DX WA3DRC	197 I0WTD K3EGE N4BAF W3TW W5CTV	190 K5ER KC2DLD KN4PPD N9UA W1ATV W2OO W4GE WB0DBS	183 K5RQ N0UBL W2UDT WC4H	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD
209 AA4IB W5WGF WA4NFO XE2N	203 K0VSV K5HYT K5LOW N0HF N8SYF NX0I W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	189 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	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W 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 K6ZZ (EM78) KX9X N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R
207 K6US N1BCL N8NJA	201 AA7WB KC5FP K09V KR0I NN0K NR2C WA1MKE WA9ASZ	194 4O3A K2MRK N3FA N9NFT WF1H WK8A	187 AA8R KC5N KQ0J		
206 AB0CT AE4M AK4Y CT3MD DJ5FI K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	200 4A2MAX K4YJ K5DB K6ZZ LU4FW N7PHY N9AG VA3VU	193 K9AB KD2NF	186 K8PT K9SG KN7K N0XLR N6ZE	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	175 K3MD NE5TX PV8BR
205 AF4OD K8SD KE4HOA N5ITO	199 N3KFB W4OEP WB0YEA	192 AA6AA N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC N8XE NA2R PY5CC W3OU W5BPT XE1R	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP	174 K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI

173 IC8TEM K2ZZ K5YPV KE4SCY	NO0T TG9ADQ W1BAT	160 AB1QB JA1AFR K5IQ WL7OU	K7AD K7ZD N1OFZ N2ADV N2WM N6DHZ W3DQS W5FI W9DHI W9ILY WB5ZAM	IZ1LBG K6PSP KC1BUF N8IK VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	NC4VA W5SWV WA5TKU WS4V
172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM NU1T UT7QF WO4G	146 AC0W HB9EFK K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY
171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ	165 K4DXT KD5HPT W0RIC	158 K8CR KI0D N2CG	151 W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY
170 K9TVG N8CN NA2U W0PE W4IHI W4JKC WK3V	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	150 KW4BY N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 KC7JPC KM2O KU0G N7T NA2AA TF3JB W4OV WB2JIL WY0V
169 K6XC KD5OMJ N2BEG N5XES VE3HHT W8KNO	163 K2JF K2YSY N5XZ	156 IZ8FFA K2KJ 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
168 KG5ZMQ W2PD W8WEJ	162 AF4GK K0QB KA1R KD4TDI OE6IMD W9JJB W9VS WA1Z WB0WAO	155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W5DM W6VNQ (CM88) WB6RAB	142 NA2X	
167 K4MQG KB1YNT KB9REV KE5EP N0NHW	161 K0KVR K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD	154 AE4NT KB9VMW KW4OV NZ6N W3ZQN	147 AF6AV		

KE8RO	WW7Q	KN4DMN	123	VE3XK	KU5B
KQ4KX	XE2O	N1SFE	AC7AF	WA6RAY	N0VR
N3XH		W0WT	K9SM	WD4OHD	NO0B
	132	W5ZO	KB0GT		W0DHB
137	AB3CV	W8FR	KB0STN	119	
N1SZ	K5VG	WB2WEO	KG6DHQ	AE5AU	115
N5JGK	KW4G		VE3TG	K0AWU	K9AAN
SM7AED	N4PPH	127	W1HS	K1ZN	K9MMS
	N7TP	AA9RK	W3DIY	K2SQS	KE6TVM
136	NE1I	K3GYK	W3SE	K4MSG	KF0QS
JA3LZS	VE3TM	K7UV	W4PRZ	K7JIZ	KF9AF
K0XXX	WN6K	K8AC	W5EWF	KF7PCL	KM5FA
K4SX		K8OS	W7MHW	KP3V	N7VGO
KC5LK	131	KB3OZC	W8BI	KT0P	UW5ZM
KC9AXZ	JR1BAS	KB9TLV	W8KHP	KW7N	VK9DX
KJ5RM	K3NAT	KC0RQH	WA8WV	N4UPX	WA3BZT
KV1E	KG9R	N6UTC	WB2RVX	W0QC	WC7V
NO1R	KT3X	VE2JWH		W4SW	
W2JCN	N2CJ	W1FLD	122	W7QQ	114
W4AVV		WA6BIL	K7AED	WI4T	AC8HU
W7UV	130		K7OGW	WM9M	K2RET
XE2JS	AB0X	126	KA9JAC		K3RTU
	K0GUR	KJ7G	KB4UF	118	KC4GCK
135	K4JKB	N0BDS	KB5WFE	J68AS	NF8M
CU3EQ	K8LG	N7DGI	KC5UGX	K4AZV	VE1WOW
K4MWB	KC4NX	WB4HUC	N5HYV	KA4LBD	VE3IRR
K8ZIZ	NG9R	YL2AO	VE6PY	KF6MXK	W2JLK
LY3W	NO8D		VE7JAC	KI7BP	W2ZQ
N4DB	VE1DX	125	WD0GT	KT8X	W4ALF
W6BXQ	VE2TZT	AA7DK		N1QDQ	W4UFO
WB8BZK	W0PHX	K3PU	121	N3JNX	W5DWA
WW2DX	W2LES	KC5DRI	AE1P	N5EIL	WO2C
XE1H	W3FEY	W2AJM	K0MFI	W2AC / WB2ABKWX4US	
	W4DWS	W3UQH	K4HBI	W2AC/WB2ABK	
134	WA2SEI	W4DFU	KB2WAL	WB2KSK	113
AB1NS	WB4YDL	WA6POZ	KB5MH		AB4PM
AB4GE	WW5W	WB4OMM	KE4JFS	117	AD5MD
AD4TT		WE1P	NE0P/9	AB5J	HB9BZA
C6ABB	129		UR0MC	K4WS	K3DQB
GM4UYE	8P6ET	124	W8DN	N4USG	KD4BPZ
KE5FXE	JF4VZT	K0DLW	WB9TFH	N5JEH*	KD6VCD
KF6UFO	K0KD	KB0HH (EM06)		N5LPT	KM5OL
N3AIU (DN70)	K5QWO	KD5FTD	120	NA7L	N3JDQ
N8GOU	KC8KSK	KM1C	EA1YO	NU6V	N4YCI
W4TKI	KF4NEF	KT5MR	K2CYE	W6WE	N5YK
WA3WZR	KM5LY	N0SL	K4AU	WA1TBV	W0BM
	KM5SC	N9AZZ	K4CGY	XE2PXN	W8MSP
133	N9WBR	PV8AAS	KD0R		W8VW
KA5ETS		W1TAM	KD4MZM	116	WD0ENC
KC1RET	128	W3KN	KD5BRF	EA4DEI	
KE1VT	JR2LJO	W6SCQ	KE4SCY (FM06)	IK7EOT	112
W0RT	KC7QAG	W7YM	N3YPJ	K4RGN	K2MLS
WI5D	KJ6SDF	W9CDL	VE1JC	KI6QDH	K3GD

K5WTA	WB9W	105	AB5SS	K0WJ	W2CH
KA7T		AC4Q	K2OY	K2NUD	W4/KL7GLL
N5HMH	108	DS4EOI	K4MVL	K5DWI	W4OZK
W1TR	CF3VRQ	K4SJA	K8ZEE	K5HX	W8BZY
W5DQ	JA9IPF	K9MAL	KA1W	K7SYS	W9DQ
W6OAT	JP7EIP	KB3JGS	KB0FHP	KB1JDX	WA5TLP
W7IV	K5OPB	KC0JYT	KB2SGX	KB4KBS	WV9E
W9PN	K7MDL	KC4KK	KC9FFV	KC6AWX	
WA8TWM	N3MWQ	KF4DGS	KF0AIJ	KC8CSD	99
WG3K	VE3SUB	KJ7TH	KF4DVG	KG8WB	AB0SD
WX3P	VE7IG	N4NQY	KR4NO	KG9IL	AB3TM
XE1GK	VY2RU	N5SAN	N0YXE	KL2R	K0YO
	W4AMP	N7YY	N1JIF	KR4WM	K4KEW
111	W4CRN	NE9O	NF6P	KR7LD	K4WQ
N0SLT	W5AAJ	PU4JOE	NN2D	N1IX	K4ZO
PC3T	W8EH	VE3VRQ	VE7DXG	N4AOE	K5VPQ
W8GBH	W9VNE	W8MIL	W0TF	N8VEA	K7DD
WZ8P		W9RVG	W3LEO	N9DVS	K7PAP
	107	WA4MYO	W6IT	ON9CMR/WO	K9ZZE
110	JA3EGE		W6XU	VA2LGQ	KA0ZEE
G4BWP	K5UIC	104	XE1RBV	W4LLP	KC2IEB
K5KR	KF7PG	AB9YC		W5KBD	KC6X
K7LD	KI9A	AC5K	102	W7ISG	KD4MWO
KD5J	KK4LUM	AC5RN	AA9MY	WB8IMY	KD6RUH
KI0F	N3TTT	AC9QR	AB8JH	WD5IYT	KG9AP
KP4JRS	N9OI	IK4DRY	AD6KH		KR4UA
KQ4LA	NF0T	K5PPP	K0HAQ	100	M5MYH
KX5U	US0KW	KB9RNO	K3HW	AC0FT	N4FV
N5TIF	W2TTT	KC1LXO	K9AM	AI2S	N7HRT
N5YM	WB4PPW	KC2TR	KA3ZLS	AI9U	N7JPF
W7JET		KD9GKL	KB8CR	K2UA	N7TE
W7UP	106	KJ7OG	KC6WFS	K4UQC	N8GHZ
	K0MEI	KM6WXB	KC8DMN	K5GM	N8YV
109	K5BJW	KO4LZ	KD8NYO	K5KV	N9MKC
AK6ZZ	K7BWH	N0STP	KE1AU	K8IJ	NB5R
IW1ARB	K7JE	N1LDY	KJ4M	K9CC	NH6CJ
K2DSW	KB0TIJ	N2FBQ	KR5V	KB9ZLB	NI5W
K2JGL	KC7ICM	N3UPS	N1HOQ	KC2HLI	NS2P
K2OO	KE5JXC	N7AGF	VE7ZD	KC8CC	VE2HAY
K5DNL	KJ6MBW	NJ1H	W4RVZ	KC9CMT	W2HOG
K9GY	KK2DOG	VE2PIJ	W5DPT	KD3SW	W2VU
KE6GLA	N0RQ	W1TE	W5OV	KE5CVM	W5JLC
KJ6CA	N1USB	W1ZE	W7UT	KF0Q	W6TJU
KZ7N	N2IPH	W4KVS	W9NFL	KG5X	WA5TRX
N8TMW	N4CE	W6ZQ	WA4IOB	KJ5OA	WB5NHX
N9TTX	N5FPW	W9EBK	WA8EQP	N3TBB	WB7VVD
VE3AAQ	N5YHF	W9MDB	WB5FDP	N4NIA	WK5X
W0YJT	N8HM	WB2VUO		N5RZK	WW2R (EL09)
W1OP	N9XMU	WB8BZK/VE3	101	N5XTR	
W4ZRZ	VA3OKG		AE7V	N7EME	98
W5MPC/1	VE3AJY	103	AI5WW	N8COP	AC2RL
W7RJR	WB6VYH	AA5CK	K0IN	N8XS	AD8Y
WB6YIY	WQ9F	AB0YM	K0SBV	VP2MRM	K0KC

K0UD	N4BH	W1HMM	WS4S	W5PUF	W7TRX
K3IXD	N6MA	W3VHF	XE2AT	W7NX	W9IFW
K3QIA	N9APK	W4KK		WA7LHZ	W9NED
K4OP	N9IO	W4TMR	94	WA9BXB	W9WI
K5HOB	N9KY	W7JHS	AA4RP	WT9U	WA5ICA
KA1EKR	NK7C	WA3EEC	AB4VT	WV7S	WB5CON
KE4LGL	NU0Y	WB0M	AD1DX		
KG4YOU	NV3K	WB5KJE	AK8CW	93	92
KG7E	VA3FIN	WP4LNY	HK4SAN	AG2A	K1EY
KJ2G	W3QT		K0ARM	AG6CV	K5GDX
KK0CQ	W4CWA	95	K3BEE	AI8F	K5TDA
KY0Q	W4DAS	AB9AI	K3TUF	K0IW	K7FU
N0JJQ	W4ID	AE0G	K4JRK	K1PTF	K7HKR
N1JHJ	W7DN	AE5EO	K4LDC	K1ZK	K7UWR
N3LRP	WA6OSX	IK8YTA	K4NNX	K2AK	KB0PQP
N5TEY	WA9LEY	K1PNQ	K8GT	K2MTS	KC4JNW
N8AID	WB8RVK	K4ED	K9DOG	K4DAM	KD4QMY
NO5X	WB8ZTV	K8BB	K9SUL	K5TRI	KE4WBO
NO8R	WE8L	K8KFJ	KA2F	K6RM	KG4URP
VA3VF		K8ME	KA9UVY	K7IP	KR7X
VE4XTZ	96	K8VD	KB4YKC	K7TRK	N2SG
W2KRP	AD5OW	KD7WH	KB7AK	KB0USF	N3GH
W6TE	AE4TQ	KD8DR	KC0AUY	KC5TGT	N4VN
WA2FGK	AK4F	KD9ZR	KC3AK	KC5TT	N5QO
WA3TLT	K2CK	KI0SK	KD4VRZ	KC9TTR	N6FD
WB1GQR	K2UF	KW9U	KE3WM	KC9UL	N6RPM
WB2YDS	K2UNK	N1XK	KF0LA	KD0QG	N7DED
WD0E	K4EQH	N2SLO	KG4NLZ	KE6AZX	NS6E
WH6LR	K5CRJ	N2WLS	KU4JZ	KE6UMW	UT5JAJ
WT5H	K8EMR	N3WAV	KV3W	KE8RPJ	W1PV
WV5Y	K9OT	N4ET	N0LNE	KE9V	W2ACY
	KA2NDX	N5BLY	N0LP	KI0J	W2CVW
97	KA3HED	N5ENU	N2SU	KK7MNC	W3ACO
AB8M	KB5GI	N5KI	N3JBH	N2BX	W3GP
AJ9C	KB8PNS	N9IV	N3XBG	N2YTF	W3HZU
K0HB	KC0HBP	N9LJX	N3YUG	N3AO	W4BP
K0JQZ	KD6PY	OE9KFV	N5ZMP	N3ZBK	W4LIA
K0QEI	KI5TE	PY2KP	N6HY	N4GOA	W6NS
K0SH	KM5NU	VA3KS	N6MXU	N4YHC	W8JV
K0YQ	KR4EE	VA3PZ	N7NH	N7EGY	W9HBH
K3HZO (FN20)	KS4V	VE3KZ	N7UN	N7JI	WA3JKB
K4GTR	KT5RR	VE3SPW	N8WWM	N7KSI	WA4EEZ
K4JQU	N0WVU	W4YZJ	N9DD	NA9D	WG8E
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
KM4NYI	NW5Q	WA3I	W3IPA	W3ZGD	HB9ALO
KT5WB	NY2Z	WA4WR	W3TA	W4VG	K1UR
N1VMJ	VE2DCP	WB2SIH	W4LNG	W5DMT	K4SPA
N3UMA	VE6RGU	WD8DOT	W5ODD	W7EIR	K6YK

K7HPN	N2ULL	88	KI6RRD	W6ST	WA2ONG
K8OI	N4BRF	AA4QE	N0ELA	W7SIR	
KB2YWU	N5BA	AE0DX	N2CJN	W8DQ	81
KB3IAI	N9JJ	AE4OF	NE5S	W9QY	AB4I
KB3NDS	VA3XOV	AF4MI	NI5F	WA4WKL	DF3CB
KB7AZ	W9CPV	K1RS	NN7RM	WD4LSS	KE4DZU
KC5POV	W9CSY	K3TN	W8GOC	WF4R	N6MM
KC8LGL	WA2BEV	K4XD	WB3IGR		N7NEV
KE1IU	WA8OJR	K7CTV	WB8JAY	84	NI4Y
KE7RTB	WD9HCF	K7WV	WF4W	CT3FT	W3MC
KG4QWC	WE7H	K7ZYV		K4EZY	WA4ZXV
KI3O	WEST SEATTLE	89	86	KE6NDG	WA8ZNC
KI5BLU	WH6LE	KB2KIR	AG1T	N1KI	XE1EE
KM7N	WM7C	KC1GWX	K7FB	N2NWS	
KM9I	WT4C	KC3MLC	KA9OKH	VE2WBK	80
KQ6K	XE3/K5ENS	KE8UM	KB7JJG	W8PU	AC6BW
N3PPH		KI2D	KI6HQT	W8SGR	G4FKA
N3WCM	89	KI4RFM	KN4MMH	ZS6NK	K7FR
N6DW	AB1TZ	KJ4KW	KP4TB		KE4PT
N7CZ	AG2AA	KQ4AJI	KT1R	83	KR4Q
N8DEZ	AG7NR	KU4S	N2NF	AA6E	KW1DX
NR4J	G4NBS	N0OK	N3MVF	DL5XJ	N2NS
NU4N	JQ1TIV	N1CEO	N8TFD	K1LH	VY2HF
VA2BBW	K4BMM	N2MKT	NZ3O	K4SQC	W2DEN
W2SUB	K5CX	N2ZN	SV1RK	K6JJ	W5TTY
W4MLN	K5JAZ	N4CAG	VA3MDB	K8SIA	W7AM
W5KDA	KA0MWA	N4GN	VA7LM	KB3HHA	
WB0NRV	KF4TVL	N4KIN	VE7IRU	KB9LIE	79
WB7X	KI0G	N4UC	W8IW	KK7BV	K4RW
WC4V	KI4FW	N5VBK	WA1PMA	KU4WW	K5JBT
XE1GZU	KI4US	NS3X	WB4GCS	N5PD	KB4DSL
	KR4U	NT4TN	XE2AU	N6KTH	KP4N
90	N2GZ	VE2VLJ		SV2AEL	N2COP
AA0LM	N5KAE	W2BZR	85	TG9AKH	N5YJZ
AB4WL	N8YSZ	W3YX	AC3KE	W7USB	N9RC
AB9DU	N9RG	W4DL	AC9GK	WD6T	VE3CFK
AF5BG	N9UDX	W4R XR	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	W6V NQ	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
KB7BSA	WR5AY	KB1VUN	W3STU	W5DAS	
KK4DZP	XE2NL	KC8NAH	W4IT	W7YOZ	76
KW3DX	XE3DX	KE6WOX	W4RA	W8GG	K0WYN

K6MAA KI4CYB KI7WXP N1GNB N2MH/4	69 K3WGR W1YM WD4LBR YL2JZ	UR9QQ	N6PAZ	UR5WA	HB9G KS4YX ON6AB PA7TWO
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL US5WE W4LVH W5UC WP4NEG ZL3AAU	68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	46 HB9RUZ	34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	67 JG2TSL KF4JHG W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH
73 JF1IRW VP2MJD W4WT	66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN K4ZIN	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN
72 N4II PV8ADI	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA SP5APW WA2EMF	42 HA5PT W0PR	31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	64 K3BQ WD5GRW (EM13CQ)	54 AG4KI	41 E75AA LA6OP	30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JE2UFF JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
70 GI4SJQ K4BNC KC0ZR N6GEO W2QO W4GP	63 EA1DR HL2EIZ KB0RFY	53 K0BBC PP1CZ	40 JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE	18 AJ6V HL4GAV KJ4EU W0HBH
	62 K4DXA N6ZDH	51 K0CETE N8OFS OH4UI VE9FCP	39 AA5PK	28 CT8/K0RUI JA6CRP JR7ILA K0FMI OH3DP	17 G3LZQ PY2XAT SP5XMU SV8CKM W0JM
	61 CU3AN K4MLB N0GVK	50 N8MR	38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX	16 N6VHF TI2CDA
	60 HB9BIN IZ4DPV KP4JFR S55DX	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	37 BA7NQ HL4CJG JA9APS JH9DRL OE3SGU	26 DS4AOW WB7QXU	
		47 HB9RYZ JE1VTZ	36 JA1WSK	25 EA4/K1WE	
			35 GI4OWA LU9DO	24 EI2JD F1RAF F4BDG	

15	J12UDK	EA7ZY	WD9EWK (DM43)	EA3WD
9K2BM	PA5KT	G6MXL	YB1TJ	EA4GQS
EI2GLB	SV2DCD	IK8GYS	YL2CA	F1VEV
HB9FMN	TF3Y	J15USJ	YL2MU	G4CFS
HB9HIT	UR7DWW	JJ1IDW		G4VSS
LU5FF		KB8VAO	2	G7SQS
PY2RN	9	M1VPN	5B4ALJ	G8TTI
UT3UA	DL7BA	MU0GSY	6K5XZE	IK5BSC
WC2C	EB1EWE	OK1IN	9A2GA	IW0AFS
	EC7ZK	ON5UE	9K2NO	IZ0BTV
14	G6BFP	PP2RON	BV6CC	IZ2CSX
EA8MT	HB9GWJ	SK6QA	CO6CBF	IZ3DBA
IW3GJF	IK3ITB	VE2NGH	DF3VG	IZ5FSA
JA2XCR	JA1MZL	VR2XMT	DF8FT	JA1GZK
KB8DVT	JA2FGL	W1ZR	DK1CO	JA7DPC
PA7RA	JE1LFX	W2ZF	EH4BPJ	JA7VXB
PV8RR	KD3UY	YL2CZ	ES8JX	JH8XVT
PY2OC	S51NM		F5TMJ	J11HNC
W9TTY		4	G0THY	JJ1PFC
	8	CT7/RC2A	G4DDL	JL2ULM
13	DF1ZN	DD6UAH	G8GNI	JN3ONX
K4AKX	DH0GSU	EK/RX3DPK	GI4ONL	KC3KJQ
K4WY	DK2LO	F1DFR	IK1IYU	KG4JSZ
PY2MC	G1VDP	GM4CFS	IK2GOQ	KH6WI
W4PWF	JA1CPU	GM4KHE	IZ8XQC	KP4DER
	JE3PCP	IV3GOW	JA6AVT	MM0INH
12	JJ2NWI	JH7IMX	JA6SZV	OK1UU
EA3GP	N8RO	JH7IPR	JA9FAI	ON6NA
F4ESV	OH8LXT	JK6DXD	JH3MHI	OZ1IKY
HB9DDZ		UT5EL	JP1HDK	PU5SVE
IK2RPE	7	VK4ZP	K4KZM	SM3GBA
JK1UNZ	DL1TRK	XE1SAX	K7LY	SM6LPG
JN1RQV	G8APB		KEN IN NEBRASKA	KA7EXY
N1IW	HB9AOF	3	LA2CQ	SQ5NRY
ZS6WB	IZ0INX	DJ5AV	OH3KAV	UN8G
	JA2NDQ	DL2KQ	SV1XV	UR5EDX
11	LA3DV	EA1AR	SV3FUO	VR2VGM
A65BR	N5ORT	EA4D	YB2DX	WB7VUF
DL2OE	NJ4Y	G3LHJ	YL2KF	YO8WW
EA4DAU	UR5FEO	HA9PP		
EA4ZK	ZS4TX	HL2ZN	1	
G4CTY		IK0WRB	3A2MW	
IZ4GWE	6	IK8EPC	9A2EY	
JA2KVB	CT2FEY	J11CHH	AJ6T (EM66)	
JA6QHJ	DU0A	JM1GHT	BD4UJ	
KA5WRG	EI2JC	JN1BPM	CT1AHU	
PY2DV	JA7NGE	JR6IQI	DH8BQA	
PY2GM	JG1JPE	KC0Y	DJ3ZF	
	PY2VA	PY5IP	DL2DCX	
10		SA7CJO	DL4ZAB	
DL4CF	5	SV1VN	DL8GAM	
HB9BOS	DL5LH	US0YA	DS5DNO	
JH8RZJ	EA1AAA	W1CBY	DS5TOS	