

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

449 K3SX KF6HI W8TN	N5TJ	422 VE6WQ WB5JID	W5PR	393 K1GG K7XC KV7N
448 KP4AJ W3LPL WB7CJO	436 N9FN W3TC WB8ART	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB N4UFO	392 AF4HX W6OMF
447 AH0U KS7S N2NL N4SC	434 K1SIX K8ROX VE3LYC W3LL	417 NJ6D WW1L	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AB4SF AD5A W4AVY W6TMD
446 K1HTV K6EID	433 W9WO	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	390 KZ2I
445 K4XP K8ZM KU7Z N4LR N8OC WB8ZBT XE2X	432 K6GXO N6KK	415 K7AWB NZ3M W0GJ	403 NH6T/W4	388 K0IP W4WRL
444 N7BAV	431 K0TLM	414 K0DEQ N0GZ W4TV	402 K3FM K7SMA	387 KV4T N4CH
443 AB4IQ K5XI N4MM	430 K1TEO	413 AE5FM WA9LFO	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S
442 AG9S N2QT N4TL	429 K4ZOT K8ZR WA5JCI	412 VE2XK 6M FN07PJ	400 W0JRP W3UUM	385 NK1K VE6MB W4WTA
441 K8TB K9KLD WA1EAZ	428 K9APW	411 AA1ON N9EAT	398 N8IEZ W1NG	384 K8ROK W7FI
440 W2IRT	427 W0RH	410 KB0V KE7SW KE8KMX KI8G N4HN	397 KE4TH	383 KI0E W5MO
439 N4QWZ NM5U	426 N5OK W5JAY	409 N1EVK N5SYV	396 K6VHF KB8U	382 K5PI VE3YXO
437 K5RT KK4MA	425 K6ML	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	381 AG4W W3VZ
	424 N4UFP N9AKR W3EP WB8BPU	407 W4AS W5CIA	394 AA5JF K2TER K6RO KT8O	380 K7MCX NE6I

WA5LFD	W6GMT	K0CS	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM
379 AB9BH N8WNA	367 KC4HW KR4BD W7YQAQ	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS WB0OQV	
378 WR7X	366 KI7JA			331 K1GJQ K8WDA KC0UDO N4MW W3TI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	
376 K8GI K8VFF N2WK N3OC	364 AB5EB K0RAR N6QQ	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI
375 K6QG WB4OQX	363 W4NH	349 KA0BAD W8LMG		329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	348 N1JFU NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	
373 K4SSO	361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	347 W2HRO		328 K6ME N5PT W2CNS WB3LHD
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	346 N9XG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	327 KJ5RC N0YO W2JU W7YA
371 AA4ZZ N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	345 KB1EFS N0FJP VE7BV W3XY XE2YWH		
370 K5TN KN4SM KS4YT N3MK NT0V W4FC	357 K4LVV	344 K6FW KB0PE N8LRG W1OW	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
369 KF8UN N2DPF	355 KD5XB	343 AB4EJ K5EK N3RC N6KZ		325 WA2AEY WX0Z
368 K0DD W5RCI	354 N3AIU (DM45)	341 KD7DCR N8HRZ NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ	324 HC2FG K9SH

KU4A N2BJ VE3TMG W4MAY	W5RKN	301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	W4VC WA2IIE	K0PG K5TA N8JCM W4WM
323 N8II W8KEN WO2T	312 AF6O KA2GOJ		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	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
320 N4DW	309 AA9RR		289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
319 KF2T N7US	308 WA4HFN	298 K0MLD KD4WSC N4IQ	288 K1NU W1DU W4HLR	277 AC7JM K5KEW PV8DX
318 W4HY	307 AG1A KE5K W3ATV W9RPM	297 JG1TSG KG5EIU N8YQX N9LF	287 K8DP KC7MRQ N8CGY WA4NVM	
317 KA8SYV VE3XN W1SKU W3HDH	306 K4QE KE8Y WV9L	296 K4XR K6YUI KC7RW	285 AB0S K5CZD K9UO KK0DX	276 HC1BI K2CS K5TWJ K7TAB W9OO
316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KT1J WA9M	295 KE4P N6AR N7NT XE1YY	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK
315 K5VH NY2NY XE1AO	304 K6IPF NS4T WA0GUD	294 K2UU K6JSV W7IMC		274 KB1DMX WA8MCD
314 KU4XO	303 EA8DBM K8TGC K8TL N7LAN	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR	283 K7LOL N5OHL WA0FQK WB0CQO	273 KM4H
313 JE1BMJ N2ZZ N6NR N7UVH NF4A W4GLV	302 KB2TGU N3KN		282 AA0ZP	

KV1J	265	K2KA	N5SMQ	239
VE6SH	N5KS	K5QE		K9MQ
	W7CT	KD4MYE	248	KF4LVF
272		N5DTT	K1ZZ	MD0CCE
KF8QL	264	PY2XB	W6VFA	W6RW
KO4PRE	AC8L	W0PPA		W9YOY/M
N4SV	K4JAF	WA2HF1/0	247	WA3SEE
	N0TK		JA1UAV	WB1FLD
271	NF1O		N5DD	
K7NII		256	W3TEF	238
KB7FUV	263	JM1IGJ		AA3GM
W3HHN	AK4PR	KL7NW	246	JP1LRT
W3SW	K9AAA	N8ZJN	K0DAS	
	WB7QBS		K8YC	237
270		255	KK8X	K3KO
K4SPD	262	K8MVZ	N5TIT	
KC9FQD	K3CWH	KG4JPL	W4FRA	236
N2LIV	K5VR	NI3K	WI7P	K0SU
W4QK	KD8JSP	W4HFZ		K4NK
W5DNT	N4ST	WA8KNE	245	N3FTI
W7JY	ND4DX		N1IA	N9ATD
WZ9B	WA0KBZ	254	N3XF	W5AJX
		N7QOZ	N5PA	
269	261	NR0Q	VA3CW	235
K2IE	AF2F	VE3OTL		ND0C
K3ZO	K3TWK	WD5ITW	244	NN9X
KD5R	KB8UUZ		K8DV	VO1GO
N5EPA	N3EW	253	N3AIU (FM08)	WB6RJH
N5WD	W6TCP	KG4ERR	N4JRY	WT2P
VA2CY		N2XQM	VA3ZV	WZ9W
	260	252	VE3VHB	
268	K6JAD	AB5A	W0VD	234
K6OJ	N6HC	CT1EEB	WD4IXD	KE6FCT
KI0HA	NT7C	F4BKV		
N9ZTS	XE1YD	K1ACL	243	233
W0KAN		K3NK	JA1QJI	K1AFC
WB9PNU	259	N9ATF	K3TC	N9NJS
	K1BD	NN4RR	W4EJ	VE7VZ
267	KD4ADC	VE6NTT	YV1DIG	W3DF
KB1HY	KG6I			W8PAT
KG6EG	KN5O	251	242	W9TD
KX9N	NS7K	AD5JK	AE4WG	XE1L
N2AMC	NY1E	K9QJ	K3WW	
N8EHW	VE6BMX	KG7NV	KA3TCC	232
W4FSO	W9TA	NN4SS		IT9IPQ
W5WP	WA4YA	W2LV	241	K5FO
W9DRB			N6NU	KK8MM
	258	250	W5LO	N9NJY
266	AB5GU	AA9LC		WA2OTC
K1OA	K1NJ	KL0S	240	
K1WVX	K2HAT	NW6R	KK4ZUU	231
TG9AJR	NA2NY		KO6LU	AI9L
VE3MSC	WB7ECS	249	VA3HP	K4MIJ
VE6TA (DO33)		CT1IUA	W1VT	K6HEW
WB8EJN	257	K8AO	WA2VJL	KF6GYM
	K0CCM	KQ5U		W9XT
		N1GC		

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 W5HMK 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	NH7RO	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		132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP N8IK NE1I VE3TM WN6K
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	
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	KD9ZR	KU4JZ	KK7MNC
NO5X	AD5OW	KI0SK	KV3W	N2BX
NO8R	AE4TQ	KW9U	N0LNE	N2YTF
VA3VF	AK4F	N1XK	N0LP	N3AO
VE4XTZ	K2CK	N2SLO	N2SU	N3ZBK
W2KRP	K2UF	N2WLS	N3JBH	N4GOA
W6TE	K2UNK	N3WAV	N3XBG	N4YHC
WA2FGK	K4EQH	N4ET	N3YUG	N7EGY
WA3TLT	K5CRJ	N5BLY	N5ZMP	N7JI
WB1GQR	K8EMR	N5ENU	N6HY	N7KSI
WB2YDS	K9OT	N5KI	N6MXU	NA9D
WD0E	KA2NDX	N9IV	N7NH	VA3JFF
WH6LR	KA3HED	N9LJX	N7UN	VA7QI
WT5H	KB5GI	PY2KP	N8WWM	VE3WMD
WV5Y	KB8PNS	VA3KS	N9DD	VK5PJ
	KC0HBP	VA3PZ	N9UNX	W0MHK
97	KD6PY	VE3KZ	VA3MA	W2VTV
AB8M	KI5TE	VE3SPW	VE3RX	W3ZGD
AJ9C	KM2O	W4YZJ	VE5MX	W4VG
K0HB	KM5NU	W5ADA	VE7AB	W5DMT
K0JQZ	KR4EE	W5CBF	W2GR	W5DWA
K0QEI	KS4V	W5RCQ	W3IPA	W7EIR
K0SH	KT5RR	W7JWC	W3TA	W7TRX
K0YQ	N0WVU	W9SX	W4LNG	W9IFW
K3HZO (FN20)	N2LID	WA2ONK	W5ODD	W9NED
K4GTR	N2VHZ	WA3I	W5PUF	W9WI
K4JQU	N2XK	WA4WR	W7NX	WA5ICA
K8XF	N8PAQ	WB2SIH	WA7LHZ	WB5CON
KA2BSK	N8YBY	WD8DOT	WA9BXB	
KA7EII	NT2A	WS4S	WT9U	92
KC0YBM	NW5Q	XE2AT	WV7S	K1EY
KD5CKP	NY2Z			K5GDX
KF4KSN	VE2DCP	94	93	K5TDA
KM4NYI	W1HMM	AA4RP	AG2A	K7FU
KT5WB	W3VHF	AB4VT	AG6CV	K7HKR
N1VMJ	W4KK	AD1DX	AI8F	K7UWR
N3UMA	W4TMR	AK8CW	K0IW	KB0PQP
N4BH	W7JHS	HK4SAN	K1PTF	KC4JNW
N6MA	WA3EEC	K0ARM	K1ZK	KD4QMY
N9APK	WB0M	K0JDD	K2AK	KE4WBO
N9IO	WB5KJE	K3BEE	K2MTS	KG4URP
N9KY	WP4LNY	K3TUF	K4DAM	KR7X
NK7C		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	KC5N	KE3WM	KE8RPJ	W3ACO
WE8L	KD7WH	KF0LA	KE9V	W3GP
	KD8DR	KG4NLZ	KI0J	W3HZU

W4BP	K1HC	W9HT	K5WO	W6ST
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	KA8EJWR	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	W4RXR	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	W6VNV	K5UZ	W4RA	
JH4JNG				

81 AB4I DF3CB KE4DZU N6MM N7NEV NI4Y W3MC WA4ZXV WA8ZNC XE1EE	75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	67 JG2TSL KF4JHG W7YED	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ
80 AC6BW G4FKA K7FR KE4PT KR4Q KW1DX N2NS VY2HF W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY KK4YEL UX1UA	55 LA3MHA WA2EMF	40 HA5PT JF1LMB JR0QFA WB8TGY
79 K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	39 AA5PK YL2JZ
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	64 K3BQ WD5GRW (EM13QO)	53 K0BBC PP1CZ	38 DD3KF DG7RO DU1EV K8YSE
77 K1IFJ MI0AYR	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	37 BA7NQ HL4CJG JA9APS JH9DRL
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	62 HB9ALO K4DXA N6ZDH	50 N8MR	36 JA1WSK
	69 K3WGR W1YM WD4LBR	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA
	68 AA4S EH7CD K6CF KJ7TEA	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
		58 KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
		57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 HB9RUZ WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
			43 8P6SH CT1EEN K4ZIN	31 K7TM
			42 W0PR	30 E72X JL3LSF JO7WXN LA6OP

WA6DNR	19	JK1UNZ	ZS4TX	J11CHH
29	DL1TS	JN1RQV	6	JM1GHT
HL2WA	EA6BB	N1IW	CT2FEY	JN1BPM
OE4VIE	J14WAO	ZS6WB	DL1TRK	JR6IQI
SP5APW	JR3UIC	11	DU0A	KC0Y
28	PY2HN	A65BR	EI2JC	PY5IP
CT8/K0RUI	SP8NR	DL2OE	JA7NGE	SA7CJO
JA6CRP	VE6TA (DO31)	EA4DAU	PY2VA	SV1VN
K0FMI	18	EA4ZK	5	W1CBY
OH3DP	AJ6V	G4CTY	DL5LH	WD9EWK (DM43)
27	HL4GAV	IZ4GWE	EA1AAA	YB1TJ
E70A	KJ4EU	JA2KVB	EA7ZY	YL2CA
KC9ELU	W0HBH	JA6QHQ	IK8GYS	YL2MU
WP4NIX	17	PY2DV	J15USJ	2
26	G3LZQ	PY2GM	JJ1IDW	5B4ALJ
DS4AOW	PY2XAT	10	KB8VAO	6K5XZE
WB7QXU	SP5XMU	DL4CF	M1VPN	9A2GA
25	SV8CKM	HB9BOS	MU0GSY	9K2NO
EA4/K1WE	W0JM	JH8RZJ	OK1IN	BV6CC
24	16	J12UDK	ON5UE	CO6CBF
EI2JD	N6VHF	PA5KT	PP2RON	DF3VG
F1RAF	TI2CDA	SV2DCD	SK6QA	DF8FT
F4BDG	15	TF3Y	VE2NGH	DK1CO
HB9G	9K2BM	UR7DWW	VR2XMT	EH4BPJ
KS4YX	EI2GLB	9	W1ZR	ES8JX
ON6AB	HB9FMN	DL7BA	W2ZF	F5TMJ
PA7TWO	HB9HIT	EB1EWE	YL2CZ	G0THY
23	JE2UFF	EC7ZK	4	G4DDL
GM4ILS	LU5FF	G6BFP	CT7/RC2A	G8GNI
K4SLC	PY2RN	HB9GWJ	DD6UAH	GI4ONL
KP4EIT	UT3UA	IK3ITB	EK/RX3DPK	IK1IYU
W8MK	WC2C	JA1MZL	F1DFR	IK2GOQ
22	14	JA2FGL	GM4CFS	IZ8XQC
9H1SP	EA8MT	JE1LFX	GM4KHE	JA6AVT
IZ3ENH	IW3GJF	KD3UY	IV3GOW	JA6SZV
OE3SGU	JA2XCR	S51NM	JG1JPE	JA9FAI
21	KB8DVT	8	JH7IMX	JH3MHI
EA1YN	PA7RA	DK2LO	JH7IPR	JP1HDK
20	PV8RR	JA1CPU	JK6DXD	K4KZM
CX1FK	PY2OC	JE3PCP	UT5EL	K7LY
I1FQH	W9TTY	JJ2NWI	VK4ZP	KEN IN NEBRASKA
JM1KVW	13	N8RO	XE1SAX	LA2CQ
N1WC	K4WY	OH8LXT	3	OH3KAV
PY5EW	PY2MC	7	DF1ZN	SV1XV
W8LR	W4PWF	DH0GSU	DJ5AV	SV3FUO
12	12	G8APB	DL2KQ	YB2DX
EA3GP	EA3GP	IZ0INX	EA1AR	YL2KF
F4ESV	F4ESV	JA2NDQ	EA4D	1
HB9DDZ	HB9DDZ	LA3DV	G3LHJ	3A2MW
IK2RPE	IK2RPE	N5ORT	HA9PP	9A2EY
		NJ4Y	HL2ZN	AJ6T (EM66)
		UR5FEO	IK0WRB	BD4UJ
			IK8EPC	CT1AHU
				DH8BQA
				DJ3ZF

DL2DCX
DL4ZAB
DS5DNO
DS5TOS
EA3WD
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