

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 (13 May 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	AF5CC	470	N9BCA
K7CW	W9RM	K0BJ	WO7R	NA6MG
K7ULS	W9XX	KX4R		
K8SIX	WD5K		468	457
K9CT	WQ5S	481	VE3EK	K4HB
KA9CFD	WS9V	KC7QY		N9PGG
KA9FOX		W9VHF	467	NI0G
KD5M	487	WA7HQD	N5EKO	W3UR
KG5CCI	K0SIX		NY0V	
KM0A	K1TO	480		456
KM0T	K7MAC	K5GZR	466	N4QS
KO9A	K9YY	N4WW	KA0JGH	W5THT
KR7O	N0AKC	XE2OR	KB6NAN	
KV5W	N7CW		WB9CIF	455
N0LL	N7IR	479	WX7M	K9MK
N0LWF	N9ISN	N5WS		WA9DU
N0PB	NA6L	W5WVO	465	
N0TB	W3IP	W9RN	XE2K	453
N1AV				K4YMQ
N3SL	486	478	464	K7PI
N3XX	K0TPP	AD1C	AJ4F	KB9DAK
N5DG	K5ND	AE5B	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 W3LL	417 NJ6D WW1L	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
445 K4XP KU7Z N4LR N8OC WB8ZBT XE2X	432 K6G XO 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	W5RCI W6GMT	353 AF2K K0CS	NX7U WA7YAZ	N0IGZ W3GQ
379 AB9BH N8WNA W6TMD	367 AA4ZZ KC4HW KR4BD W7YAQ	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM
378 WR7X	366 KI7JA		339 KE4BKL VA7FC W5VAS	
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI
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	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	346 N9XG W8OP		327 KJ5RC N0YO W2JU W7YA
371 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		326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
369 KF8UN N2DPF	355 KD5XB	343 AB4EJ K5EK N3RC N6KZ		
368 K0DD	354 N3AIU (DM45)	341 KD7DCR N8HRZ	333 AA4LR K0TC KM4HI	325 WA2AEY WX0Z

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	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
320 N4DW	309 AA9RR	298 K0MLD KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
319 KF2T N7US	308 WA4HFN	297 JG1TSG KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	277 AC7JM K5KEW PV8DX
318 W4HY	307 AG1A KE5K W3ATV W9RPM	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	
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	
314 KU4XO	303 EA8DBM K8TGC K8TL N7LAN			274 KB1DMX WA8MCD
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 NF1O	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 N5PA 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 N9NJY WA2OTC
	257 K0CCM	249 CT1IUA K7LOL K8AO KQ5U	241 N6NU W5LO	231 AI9L K4MIJ K6HEW KF6GYM W9XT

230 K1ZE KO4MM VA3XJ WB0WAO/8	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL KC7OD VE3SYK WA7AJ	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 KK8MM 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 JA7MSQ 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	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	193 K7PT K9AB KD2NF
223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW	207 N1BCL N8NJA	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR	

W8FN	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG	KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	W4ABC	165 K4DXT KD5HPT N3FX W0RIC
191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	183 K5RQ N0UBL W2UDT	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F
190 K5DB K5ER KC2DLD KN4PPD 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 K0KVR 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 KN7K N0XLR N6ZE	178 KA2AYR KB0EO	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN	166 I0WTD JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT
185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R				158 K8CR

KI0D	151	WA4JA	VE3KY	134
N2CG	OE6IMD		W4GPM	AB1NS
157	W1ZT	144	W4TUN	AB4GE
K4FX	W2DXE	K0TLG	W6DQ	AD4TT
KB8GC	150	K5TDW	WA4KXY	C6ABB
KC2WUF	KW4BY	K6JRA	139	GM4UYE
WA7NB	N9LAH	K8MN	IZ8FFA	KE5FXE
156	VE3OAT	K8WU	KC7JPC	KF6UFO
K2KJ	W7APM	N9DI	KU0G	N3AIU (DN70)
K9OHI	149	W5MPC	N7T	N8GOU
N3RN	AB6CF	WO7GI	NA2AA	W4TKI
N9KO	K4SAN	YV4NN	NZ6N	WA3WZR
VE7VDX	KK9H	143	W4OV	133
155	W3UA	K6JBH	WB2JIL	KA5ETS
AE4M	WB4VHF	K9QFR	WY0V	KC1RET
CT1BWU	148	KB8RJS	138	KE1VT
K3TD	AC0DQ	N8URE (FM19)	AC0XY	KM8V
K6XN	AG0A	NA1VT	AI6O	W0RT
N5RMS	K0RU	W0HNM	KD7WPJ	W4GE
N7AU	K7IU	W0UHL	KE0A	WI5D
N9OBE	KB2YSI	WB0MMC	KE3D	WW7Q
TG9ANF	N0TM	WM5H	KE8RO	XE2O
VA3NQ	N1TOR	142	KQ4KX	132
WV8DX	N5ZBI	N2ZA	N3XH	AB3CV
154	PV8AJ	NA2X	137	IC8TEM
AE4NT	W6VNQ (CM88)	NC4VA	N1SZ	K5VG
KB9VMW	WB6RAB	W5SWV	N5JGK	KW4G
KW4OV	147	WA5TKU	SM7AED	N4PPH
W3ZQN	AF6AV	WS4V	136	N7TP
153	IZ1LBG	141	K0XXX	N8IK
AA4NC	K6PSP	JA6RJK	K4SX	NE1I
AB4GG	KC1BUF	K4AR	KC5LK	VE3TM
K7AD	VE3CX	K9ATX	KC9AXZ	WN6K
K7ZD	W4YCC	KT8TD	KJ5RM	131
N1OFZ	W5WOX	N9FIV	KV1E	JR1BAS
N2ADV	WA0VPJ	NV4B	NO1R	K3NAT
N2WM	WA3YGQ	W4FS	W2JCN	KG9R
N6DHZ	146	W4POT	W4AVV	N2CJ
W3DQS	K2GW	W6ZI	W7UV	TF3JB
W5FI	K8YTO	WB9WHQ	XE2JS	130
W9ILY	KB0YH	WR7AY	135	AB0X
WB5ZAM	KB5ZEA	140	CU3EQ	JA3LZS
152	KC2TN	AC5DK	K4MWB	K0GUR
AA6I	KM5TY	BA4SI	K8ZIZ	K4JKB
N0RC	N4HID	CO2WF	LY3W	K8LG
N1NUM	VA2RC	K7SAM	N4DB	KC4NX
NU1T	VE1VOX	KC0MEZ	N8XE	NG9R
UT7QF	145	KC8TMU	W6BXQ	NO8D
WO4G	KD7YZ	KJ4KVC	WB8BZK	VE1DX
	V31MD	N1EN	WW2DX	VE2TZT
	VA3TTX	N3VOP	XE1H	W0PHX
		NJ0U		W2LES
		VA3FLF		W3FEY

WA2SEI	124	WB9TFH	W6WE	112
WB4YDL	K0DLW		WA1TBV	EA4DEI
WW5W	KB0HH (EM06)	120	XE2PXN	K2MLS
129	KD5FTD	EA1YO		K3GD
8P6ET	KM1C	K2CYE	116	K5WTA
JF4VZT	KT5MR	K4AU	IK7EOT	KA7T
K0KD	N0SL	K4CGY	K4RGN	N5HMH
K5QWO	N9AZZ	KD0R	KI6QDH	W1TR
KC8KSK	PV8AAS	KD4MZM	KU5B	W5DQ
KF4NEF	W0PE	KD5BRF	N0VR	W6OAT
KM5LY	W1TAM	KE4SCY (FM06)	NO0B	W7IV
KM5SC	W6SCQ	N3YPJ	W0DHB	W9PN
N9WBR	W7YM	VE1JC		WA8TWM
	W9CDL	VE3XK	115	WG3K
	WL7OU	WA6RAY	K9AAN	WX3P
		WD4OHD	K9MMS	XE1GK
128	123		KE6TVM	
JR2LJO	AC7AF	119	KF0QS	111
KC7QAG	K9SM	AE5AU	KF9AF	N0SLT
KJ6SDF	KB0GT	K0AWU	KM5FA	PC3T
KN4DMN	KB0STN	K1ZN	N7VGO	W8GBH
N1SFE	KG6DHQ	K2SQS	UW5ZM	WZ8P
W0WT	VE3TG	K4MSG	VK9DX	
W5ZO	W1HS	K7JIZ	WA3BZT	110
W8FR	W3DIY	KF7PCL	WC7V	G4BWP
WB2WEO	W3SE	KP3V		K5KR
	W4PRZ	KT0P	114	K7LD
127	W5EWF	KW7N	AC8HU	KD5J
AA9RK	W7MHW	N4UPX	K2RET	KI0F
K3GYK	W8BI	W0QC	K3RTU	KP4JRS
K7UV	W8KHP	W4SW	KC4GCK	KQ4LA
K8AC	WA8WV	W7QQ	KG9Z	KX5U
K8OS	WB2RVX	WI4T	NF8M	N5TIF
KB3OZC		WM9M	VE1WOW	N5YM
KB9TLV	122		VE3IRR	W7JET
KC0RQH	K7AED	118	W2JLK	W7UP
N6UTC	K7OGW	J68AS	W2ZQ	
VE2JWH	KA9JAC	K4AZV	W4ALF	109
W1FLD	KB4UF	KA4LBD	W4UFO	AK6ZZ
WA6BIL	KB5WFE	KF6MXK	WO2C	IW1ARB
	KC5UGX	KI7BP	WX4US	K2DSW
126	N5HYV	KT8X		K2JGL
KJ7G	VE6PY	N1QDQ	113	K2OO
N0BDS	VE7JAC	N3JNX	AB4PM	K5DNL
N7DGI	WD0GTY	N5EIL	AD5MD	K9GY
WB4HUC		W2AC / WB2ABK	HB9BZA	KE6GLA
YL2AO	121	W2AC/WB2ABK	K3DQB	KJ6CA
	AE1P	WB2KSK	KD4BPZ	KZ7N
125	K0MFI		KD6VCD	N8TMW
AA7DK	K4HBI	117	KM5OL	N9TTX
K3PU	K6USY	AB5J	N3JDQ	VE3AAQ
KC5DRI	KB2WAL	K4WS	N4YCI	W0YJT
W2AJM	KB5MH	N4USG	N5YK	W1OP
W3UQH	KE4JFS	N5JEH*	W0BM	W4ZRZ
W4DFU	NE0P/9	N5LPT	W8MSP	W5MPC/1
W4DFU	UR0MC	NA7L	W8VW	W7RJR
WA6POZ	W8DN	NU6V	WD0ENC	WB6YIY
WB4OMM				
WE1P				

WB9W	K4SJA	KC9FFV	KL2R	K5VPQ
108	K9MAL	KF0AIJ	KR4WM	K7DD
CF3VRQ	KB3JGS	KF4DVG	KR7LD	K7PAP
JA9IPF	KC0JYT	KR4NO	N1IX	K9ZZE
JP7EIP	KC4KK	N0YXE	N4AOE	KA0ZEE
K5OPB	KF4DGS	N1JIF	N8VEA	KC2IEB
K7MDL	KJ7TH	NF6P	N9DVS	KC6X
N3MWQ	N4NQY	NN2D	ON9CMR/W0	KD4MWO
VE3SUB	N5SAN	VE7DXG	VA2LGQ	KD6RUH
VE7IG	N7YY	W0TF	W4LLP	KG9AP
VY2RU	NE9O	W3LEO	W5KBD	KR4UA
W4AMP	PU4JOE	W6IT	W7ISG	M5MYH
W4CRN	VE3VRQ	W6XU	WB8IMY	N4FV
W5AAJ	W8MIL	XE1RBV	WD5IYT	N7HRT
W8EH	W9RVG			N7JPF
W9VNE	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
106	KJ7OG	KE1AU	KC9CMT	WA5TRX
K0MEI	KM6WXB	KJ4M	KD3SW	WB5NHX
K5BJW	KO4LZ	KR5V	KE5CVM	WB7VVD
K7BWH	N0STP	N1HOQ	KF0Q	WK5X
K7JE	N1LDY	VE7ZD	KG5X	WW2R (EL09)
KB0TIJ	N2FBQ	W4RVZ	KJ5OA	98
KC7ICM	N3UPS	W5DPT	N3TBB	AC2RL
KE5JXC	N7AGF	W5OV	N4NIA	AD8Y
KJ6MBW	NJ1H	W7UT	N5RZK	K0KC
KK2DOG	VE2PIJ	W9NFL	N5XTR	K0UD
N0RQ	W1TE	WA4IOB	N7EME	K3IXD
N1USB	W1ZE	WA8EQP	N8COP	K3QIA
N2IPH	W4KVS	WB5FDP	N8XS	K4OP
N4CE	W6ZQ	101	VP2MRM	K5HOB
N5FPW	W9EBK	AE7V	W2CH	KA1EKR
N5YHF	W9MDB	K0IN	W4/KL7GLL	KE4LGL
N8HM	WB2VUO	K0SBV	W4OZK	KG4YOU
N9XMU	WB8BZK/VE3	K0WJ	W8BZY	KG7E
VA3OKG	103	K2NUD	W9DQ	KJ2G
VE3AJY	AA5CK	K5DWI	WA5TLP	KK0CQ
WB6VYH	AB0YM	K5HX	WV9E	KY0Q
WQ9F	AB5SS	K7SYS	99	N0JJQ
105	K2OY	KB1JDX	AB0SD	N1JHJ
AC4Q	K4MVL	KB4KBS	AB3TM	N3LRP
DS4EOI	K8ZEE	KC6AWX	K0YO	N5TEY
	KA1W	KC8CSD	K4KEW	N8AID
	KB0FHP	KG8WB	K4WQ	NO5X
	KB2SGX	KG9IL	K4ZO	NO8R

VA3VF	AK4F	N1XK	N2SU	N3ZBK
VE4XTZ	K2CK	N2SLO	N3JBH	N4GOA
W2KRP	K2UF	N2WLS	N3XBG	N4YHC
W6TE	K2UNK	N3WAV	N3YUG	N7EGY
WA2FGK	K4EQH	N4ET	N5ZMP	N7JI
WA3TLT	K5CRJ	N5BLY	N6HY	N7KSI
WB1GQR	K8EMR	N5ENU	N6MXU	NA9D
WB2YDS	K9OT	N5KI	N7NH	VA3JFF
WD0E	KA2NDX	N9IV	N7UN	VA7QI
WH6LR	KA3HED	N9LJX	N8WWM	VE3WMD
WT5H	KB5GI	PY2KP	N9DD	VK5PJ
WV5Y	KB8PNS	VA3KS	N9UNX	W0MHK
	KC0HBP	VA3PZ	VA3MA	W2VTV
97	KD6PY	VE3KZ	VE3RX	W3ZGD
AB8M	KI5TE	VE3SPW	VE5MX	W4VG
AJ9C	KM2O	W4YZJ	VE7AB	W5DMT
K0HB	KM5NU	W5ADA	W2GR	W5DWA
K0JQZ	KR4EE	W5CBF	W3IPA	W7EIR
K0QEI	KS4V	W5RCQ	W3TA	W7TRX
K0SH	KT5RR	W7JWC	W4LNG	W9IFW
K0YQ	N0WVU	W9SX	W5ODD	W9NED
K3HZO (FN20)	N2LID	WA2ONK	W5PUF	W9WI
K4GTR	N2VHZ	WA3I	W7NX	WA5ICA
K4JQU	N2XK	WA4WR	WA7LHZ	WB5CON
K8XF	N8PAQ	WB2SIH	WA9BXB	
KA2BSK	N8YBY	WD8DOT	WT9U	92
KA7EII	NT2A	WS4S	WV7S	K1EY
KC0YBM	NW5Q	XE2AT		K5GDX
KD5CKP	NY2Z		93	K5TDA
KF4KSN	VE2DCP	94	AG2A	K7FU
KM4NYI	W1HMM	AA4RP	AG6CV	K7HKR
KT5WB	W3VHF	AB4VT	A18F	K7UWR
N1VMJ	W4KK	AD1DX	K0IW	KB0PQP
N3UMA	W4TMR	AK8CW	K1PTF	KC4JNW
N4BH	W7JHS	HK4SAN	K1ZK	KD4QMY
N6MA	WA3EEC	K0ARM	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	W3HZU
WE8L	KD8DR	KG4NLZ	KI0J	W4BP
	KD9ZR	KU4JZ	KK7MNC	W4LIA
96	KF6XA	KV3W	N2BX	W6NS
AD5OW	KI0SK	N0LNE	N2YTF	W8JV
AE4TQ	KW9U	N0LP	N3AO	W9HBH

WA3JKB	K4FTP	WQ5C	KE6WOX	WA4WKL
WA4EEZ	K4XZ	WR5AY	KI6RRD	WD4LSS
WM3O	K8EAB	XE2NL	N0ELA	WF4R
91	KA5TJI	XE3DX	N2CJN	84
AA0CW	KB5FHK	88	NA5DX	CT3FT
AD3Y	KB7BSA	AA4QE	NE5S	K4EZY
CO2WZ	KK4DZP	AE0DX	NI5F	KE6NDG
K1UR	KW3DX	AE4OF	NN7RM	N1KI
K4SPA	N2ULL	AF4MI	W8GOC	N2NWS
K6YK	N4BRF	K1RS	WB3IGR	VE2WBK
K7HPN	N5BA	K3TN	WB8JAY	W8PU
K8OI	N9JJ	K4XD	WF4W	W8SGR
KB2YWU	VA3XOV	K7CTV	86	ZS6NK
KB3IAI	W9CPV	K7WV	AG1T	83
KB3NDS	W9CSY	K7ZYV	K7FB	AA6E
KB4YKC	WA2BEV	K9JF	KA9OKH	DL5XJ
KB7AZ	WA8OJR	KB2KIR	KB7JJG	K1LH
KC5POV	WD9HCF	KC1GWX	KI6HQT	K4SQC
KC8LGL	WE7H	WEST SEATTLE AMATEUR CLUB	KN4MMH	K6JJ
KE1IU	WH6LE	KE8UM	KP4TB	K8SIA
KE7RTB	WT4C	KI2D	KT1R	KB3HHA
KG4QWC	XE3/K5ENS	KI4RFM	N2NF	KB9LIE
KI3O	89	KJ4KW	N3MVF	KK7BV
KI5BLU	AB1TZ	KU4S	N8TFD	KU4WW
KM7N	AG2AA	N0OK	NZ3O	N5PD
KM9I	AG7NR	N1CEO	SV1RK	N6KTH
KQ6K	G4NBS	N2MKT	VA3MDB	SV2AEL
N3PPH	JQ1TIV	N2ZN	VA7LM	TG9AKH
N3WCM	K4BMM	N4CAG	VE7IRU	W7USB
N6DW	K5CX	N4GN	W8IW	WD6T
N7CZ	K5JAZ	N4KIN	WA1PMA	WD9IOK
N8DEZ	KA0MWA	N4UC	WB4GCS	WI6Z
NR4J	KF4TVL	N5VBK	XE2AU	XE1MM
NU4N	KI0G	NS3X	85	82
OE9KFV	KI4FW	NT4TN	AC9GK	AD4IE
VA2BBW	KI4US	VE2VLJ	EI3IO	CB0ZA
W2SUB	KR4U	W2BZR	K1UU	K3RJK
W4MLN	KT3X	W3YX	K4LRP	K4JMX
W5KDA	N2GZ	W4DL	KB3MXK	KA5WSS
WB0NRV	N5KAE	W4RXR	KC0V	KC5YKX
WB7X	N8YSZ	W7HDD	KE4DRF	KG4KVZ
WC4V	N9RG	WA2BTR	KK4AND	N1SF
XE1GZU	N9UDX	WA5MD	N2RJ	PU8TEP
90	NE2U	WK3N	N4LS	W5DAS
AA0LM	VE3VCF	WV8O	NJ1Q	W5DM
AB4WL	W0HRO	XE1SOV	VE3GFN	W7YOZ
AB9DU	W1HY	87	VE7DAY	W8GG
AF5BG	W2JEK	AC0A	W1WV	WA2ONG
DL1SMA	W2OK	AG4I	W3STU	81
JH4JNG	W4ZMM	K4JC	W4IT	AB4I
K1HC	W6VNU	K5UZ	W4RA	DF3CB
K1KA	W9HT	K5WO	W6ST	KE4DZU
K3CWF	WA7SDI	K6UIP	W7SIR	N6MM
K3UAL	WB3IAL	KB1VUN	W8DQ	
K4AAP	WM6Y	KC8NAH	W9QY	

N7NEV NI4Y W3MC WA4ZXV WA8ZNC XE1EE	NP3YL W4LVH W5UC WP4NEG ZL3AAU	66 K6KLY KK4YEL UX1UA	55 LA3MHA WA2EMF	JF1LMB JR0QFA WB8TGY
80 AC6BW G4FKA K7FR KE4PT KR4Q KW1DX N2NS VY2HF W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	39 AA5PK YL2JZ
79 K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM13QO)	53 K0BBC PP1CZ	38 DD3KF DG7RO DU1EV K8YSE
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	37 BA7NQ HL4CJG JA9APS JH9DRL
77 K1IFJ MI0AYR	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 HB9ALO K4DXA N6ZDH	50 N8MR	36 JA1WSK
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH	69 K3WGR W1YM WD4LBR	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
	68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
	67 JG2TSL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 HB9RUZ WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
		56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN K4ZIN	31 K7TM
			42 W0PR	30 E72X JL3LSF JO7WXN LA6OP WA6DNR
			41 E75AA N6PAZ	29 HL2WA OE4VIE SP5APW
			40 HA5PT	

28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH	EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM	5 DL5LH EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VFN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	YB1TJ YL2CA YL2MU
27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU W0JM	10 DL4CF HB9BOS JH8RZJ JI2UDK PA5KT SV2DCD TF3Y UR7DWW	M1VFN 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
26 DS4AOW WB7QXU	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	
25 EA4/K1WE	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 JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN W1CBY WD9EWK (DM43)	
24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX		
23 GM4ILS K4SLC KP4EIT W8MK	13 K4WY PY2MC W4PWF	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE PY2VA		
22 9H1SP IZ3ENH OE3SGU	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB			
21 EA1YN	11 A65BR DL2OE EA4DAU			
20 CX1FK I1FQH JM1KVW N1WC PY5EW W8LR				
19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)				

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