

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 (23 Mar 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
AI5I	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		NI0G
KA9FOX		WA7HQD	467	W3UR
KD5M	487		N5EKO	
KG5CCI	K0SIX	480	NY0V	456
KM0A	K1TO	K5GZR		N4QS
KM0T	K7MAC	N4WW	466	N9PGG
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	393 K1GG K7XC KV7N
448 KP4AJ W3LPL	435 K5XI KF6A	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB KB0V N4UFO	392 AF4HX W6OMF
447 AH0U K3SX KS7S N2NL N4SC WB7CJO	434 K1SIX K8ROX VE3LYC	417 NJ6D WW1L	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AD5A W4AVY
446 K1HTV K6EID	433 W3LL W9WO	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	390 KZ2I
445 K4XP KU7Z N4LR N8OC WB8ZBT XE2X	432 K6G XO N6KK	415 K5OMC K7AWB W0GJ	403 NH6T/W4	389 AB4SF
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	396 K6VHF KB8U	384 K8ROK W7FI
439 N4QWZ NM5U	426 N5OK W5JAY	409 AA1ON N1EVK N5SYV	395 AA5XE K0AZ KF7CQ WB4EVH	383 KI0E W5MO
437 K5RT KK4MA N5TJ	425 K6ML	408 W7BA	394 AA5JF K2TER K6RO KT8O	382 K5PI VE3YXO
	424 N4UFP N9AKR W3EP WB8BPU	407 W4AS W5CIA		381 AG4W W3VZ
	423 AJ4A W4DR			380 K7MCX

NE6I WA5LFD	W6GMT	353 AF2K K0CS	340 KE4TH 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	331 K1GJQ K8WDA KC0UDO N4MW W3TI
378 WR7X	366 KI7JA	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	330 KB8MBC KG6AY W8PI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW W4FC	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
376 K8GI K8VFX N2WK N3OC	364 AB5EB K0RAR N6QQ	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	328 K6ME N5PT W2CNS WB3LHD
375 K6QG WB4OQX	363 W4NH	348 NJ7G	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V W4ER W9GKA WA7PDC	327 KJ5RC N0YO W2JU W7YA
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	346 N9XG W8LMG W8OP	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
373 K4SSO	361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	333 AA4LR K0TC KM4HI KN4NN N0IGZ W3GQ	325 WA2AEY WX0Z
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	344 K6FW KB0PE N8LRG W1OW	324 HC2FG K9SH	
371 N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ W2HRO		
370 K5TN KN4SM KS4YT N3MK NT0V	357 K4LVV	341 KD7DCR N8HRZ NX7U WA7YAZ		
369 KF8UN N2DPF	355 KD5XB			
368 K0DD W5RCI	354 N3AIU (DM45)			

KU4A N2BJ VE3TMG W4MAY	312 AF6O KA2GOJ	W7IB W9OBG WA8ZID WB0TVY	292 KJ6P W1SSN	N8JCM W4WM
323 N8II W8KEN WO2T	311 AC9S KM3T KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 K0CAO KS4S W1WHL W2CCC	281 AA8MA JR1LZK K4OY NL7CO W2YE
322 N3ALN VA6SZ	310 K1ST N1NK W9KVR WO4DX	299 DK8NE VE6WK W1LE W8UV WB5GVY	290 JE1BMJ WA8EFK	280 AD7OV N0KV NM5Z W1FKF
321 N0LD NC7B NS4C W9VA	309 AA9RR	298 K0MLD KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ XE1YY	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
320 N4DW	308 WA4HFN	297 JG1TSG KE8Y KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
319 KF2T N7US	307 AG1A KE5K W3ATV W9RPM	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	277 AC7JM K5KEW PV8DX
318 W4HY	306 K4QE WB0OQV WV9L	295 KE4P N6AR N7NT	285 AB0S K5CZD K9UO KK0DX	276 HC1BI K2CS K5TWJ K7TAB W9OO
317 KA8SYV W1SKU W3HDH	305 K3VAT K6UM (CM88) KT1J WA9M	294 K2UU K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK
316 K3FN KA0ABA W4UCK W9BWR	304 K6IPF NS4T WA0GUD	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 N5OHL WA0FQK WB0CQO	274 KB1DMX WA8MCD
315 K5VH NY2NY XE1AO	303 EA8DBM K8TGC K8TL N7LAN			
314 KU4XO VE3XN	302 KB2TGU N3KN			
313 N2ZZ N6NR N7UVH NF4A W4GLV W5RKN	301 N0HJZ		282 AA0ZP K0PG K5TA	273 KM4H KV1J VE6SH

272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	PY2XB W0PPA WA2HFI/O	W6VFA	WA3SEE WB1FLD
271 K7NII KB7FUV W3HHN W3SW	263 AK4PR K9AAA WB7QBS	256 JM1IGJ KL7NW N8ZJN	247 JA1UAV N5DD W3TEF	238 AA3GM JP1LRT
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ	255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	237 K3KO
269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW W6TCP	254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX
268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	260 K6JAD N6HC NT7C XE1YD	253 KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	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
266 K1OA K1WVX TG9AJR VE3MSC VE6TA (DO33) WB8EJN	258 AB5GU K1NJ K2HAT NA2NY WB7ECS	251 AD5JK KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L
265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT	250 AA9LC KL0S NW6R	241 N6NU W5LO	232 IT9IPQ K5FO N9NJY WA2OTC
		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 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 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW KK8MM N7XCZ	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 JA7MSQ K2WJ K6VDP KG6WIK
225 AC9O K9QJ 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
223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW	207 N1BCL N8NJA	199 N3KFV W4OEP WB0YEA	192 KD2NF N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN
222 K0YY K2TV K3AJ KA1LMR	214 KB9PJL KC7OD VE3SYK WA7AJ	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	177	W1PX	K5VWW
	W2UDT	AG4ZE	W6IA	KD0UHN
190		K2QQ	WA2KBZ	KF9US
K5DB	182	KI4BWW		W4CSW
K5ER	AJ6T CM87	NY4I	170	WK7G
KC2DLD	FP/KV1J	SM7FJE	K9TVG	WQ7F
N9UA	K5GMX	W5ZG	N4GBK	
W1ATV	K8WK	WA8UEG	N8CN	163
W2OO	NZ1I		NA2U	K2JF
WB0DBS	W9JJ	176	W1MJC	K2YSY
	XE1CL	AD5ZA	W4IHI	N5XZ
189		EA5BY	W4JKC	
KC0MEA	181	K0DI	WK3V	162
WA5VKS	AB9FN	KX9X		AF4GK
	K4CMS	N5QGH	169	K0QB
188	K5HDE	N9ARX	K6XC	KA1R
AD7KI	KB8YKR	NP4BM	KD5OMJ	KD4TDI
KD4HLG	N3XJX	W5AFD	N2BEG	N5SIX
W4AZR	N4DTF	WA5IPS	N5XES	W9JJB
WA7VHF	N9MSG	WW2R	N7PHY	W9VS
WU9Q	NY0A		VE3HHT	WA1Z
WX9M	W4RBO	175	W8KNO	WB0WAO
	W9BS	PV8BR		
187	WJ1B		168	161
AA8R		174	KG5ZMQ	K4EA
KQ0J	180	K3MD	KS9J	KB3CWQ
	K0OST	K6WRL	W2PD	KK9M
186	K4LYN	KC0IYT	W8WEJ	N2YBB
DJ5FI	KC1MMC	KC6ZWT		V44KAI
K6ZZ	N1RK	KG7P	167	VE3LC
K8PT	N6PEQ	KU0A	K4MQG	W4HOG
K9SG	N6VH	N1MGO	KB1YNT	WA1LAD
KN4PPD	W5HI	NA2NY (ex-NA1VT)	KB9REV	
KN7K		NA6O	KE5EP	160
N0XLR	179	W3SO	N0NHW	AB1QB
N6ZE	K1EP	WA2PNI	NO0T	JA1AFR
	KU4WD		TG9ADQ	K5IQ
185	N0LIE	173	W1BAT	
AD6W	N0MMA	K2ZZ		159
KD5BQT	NH7RO	K5YPV	166	G0OIL
KU4UC	VA3DPB	KE4SCY	I0WTD	K4MZ
NA2R	W8LHP		JA1OVD	NS7B
PY5CC	WA4QMQ	172	KC2GHT	W1EME
W3OU		AB9KZ	N5VU	W4TTO
W5BPT	178	K5ZED	NC4RY	WB8NUT
XE1R	KA2AYR	KI4PKW	VA3WEB	
	KB0EO	KJ6HI	WB4KXS	158
184	KB1RZA	VE2PN		K8CR
4O3A	KG5RJ	W4ABC	165	KI0D
AF5Q	N1ZUK		K4DXT	N2CG
K0DEW	NQ2O	171	KD5HPT	
KR4M	VE3NRT	AA4PB	N1JFU	157
N1IBM	W0ZY	HP2AT	N3FX	K4FX
N4BG	W1MAD	KC5GSK	W0RIC	KB8GC
	WY7FD	KC5YCH		KC2WUF
183		KI4TZ	164	WA7NB
K5RQ		NS3L	K2SD	

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 W6VNIQ (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

KM5LY	W1TAM	N3YPJ	NO0B	W6OAT
KM5SC	W6SCQ	VE1JC	W0DHB	W7IV
N9WBR	W7YM	VE3XK		W9PN
	W9CDL	WA6RAY	115	WA8TWM
128	WL7OU	WD4OHD	K9MMS	WG3K
JR2LJO	123	119	KE6TVM	WX3P
KC7QAG	AC7AF	AE5AU	KF0QS	XE1GK
KJ6SDF	K9SM	K0AWU	KF9AF	
KN4DMN	KB0GT	K1ZN	KM5FA	111
N1SFE	KB0STN	K2SQS	N7VGO	N0SLT
W0WT	KG6DHQ	K4MSG	UW5ZM	PC3T
W5ZO	VE3TG	K7JIZ	VK9DX	W8GBH
W8FR	W1HS	KF7PCL	WA3BZT	WZ8P
WB2WEO	W3SE	KP3V	WC7V	
	W4PRZ	KT0P		110
127	W5EWF	KW7N	114	G4BWP
AA9RK	W7MHW	N4UPX	AC8HU	K5KR
K3GYK	W8BI	W0QC	K2RET	K7LD
K7UV	W8KHP	W4SW	K3RTU	KD5J
K8AC	WA8WV	W7QQ	K9AAN	KI0F
K8OS	WB2RVX	WI4T	KC4GCK	KP4JRS
KB3OZC		WM9M	KG9Z	KQ4LA
KB9TLV	122		NF8M	KX5U
KC0RQH	K7AED	118	VE1WOW	N5TIF
N6UTC	K7OGW	J68AS	VE3IRR	N5YM
VE2JWH	KA9JAC	K4AZV	W2JLK	W7JET
W1FLD	KB4UF	KA4LBD	W2ZQ	W7UP
WA6BIL	KB5WFE	KF6MXK	W4ALF	
	KC5UGX	KI7BP	W4UFO	109
126	N5HYV	KT8X	WO2C	AK6ZZ
KJ7G	VE6PY	KW4BY	WX4US	IW1ARB
N0BDS	VE7JAC	N1QDQ		K2DSW
N7DGI	WD0GTY	N3JNX	113	K2JGL
WB4HUC		N5EIL	AB4PM	K2OO
YL2AO	121	W2AC / WB2ABK	AD5MD	K5DNL
	AE1P	W2AC/WB2ABK	HB9BZA	K9GY
125	K0MFI	WB2KSK	K3DQB	KE6GLA
AA7DK	K4HBI		KD4BPZ	KJ6CA
K3PU	K6USY	117	KD6VCD	KZ7N
KC5DRI	KB2WAL	AB5J	KM5OL	N8TMW
W2AJM	KB5MH	K4WS	N3JDQ	N9TTX
W3UQH	KE4JFS	N4USG	N4YCI	VE3AAQ
W4DFU	NE0P/9	N5JEH*	N5YK	W0YJT
WA6POZ	UR0MC	N5LPT	W0BM	W1OP
WB4OMM	W8DN	NA7L	W8MSP	W4ZRZ
WE1P	WB9TFH	NU6V	W8VW	W5MPC/1
		W6WE	WD0ENC	W7RJR
124	120	WA1TBV	112	WB6YIY
K0DLW	EA1YO	XE2PXN	EA4DEI	WB9W
KB0HH (EM06)	K2CYE		K2MLS	
KD5FTD	K4AU	116	K3GD	108
KM1C	K4CGY	IK7EOT	K5WTA	CF3VRQ
KT5MR	KD0R	K4RGN	KA7T	JA9IPF
N0SL	KD4MZM	KI6QDH	N5HMH	JP7EIP
N9AZZ	KD5BRF	KU5B	W1TR	K5OPB
PV8AAS	KE4SCY (FM06)	N0VR	W5DQ	N3MWQ
W0PE				VE3SUB

VE7IG	NE9O	W3LEO	W7ISG	M5MYH
VY2RU	PU4JOE	W6IT	WB8IMY	N4FV
W4AMP	VE3VRQ	W6XU	WD5IYT	N7HRT
W4CRN	W8MIL	XE1RBV		N7JPF
W5AAJ	W9RVG		100	N7TE
W8EH	WA4MYO	102	AC0FT	N8GHZ
W9VNE		AA9MY	AI2S	N8YV
107	104	AB8JH	AI9U	N9MKC
JA3EGE	AB9YC	AD6KH	K2UA	NB5R
K5UIC	AC5K	K0HAQ	K4UQC	NH6CJ
KF7PG	AC5RN	K3HW	K5GM	NI5W
KI9A	AC9QR	K9AM	K5KV	NS2P
KK4LUM	IK4DRY	KA3ZLS	K8IJ	VE2HAY
N3TTT	K5PPP	KB8CR	K9CC	W2HOG
N9OI	KB9RNO	KC6WFS	KB9ZLB	W2VU
NF0T	KC1LXO	KC8DMN	KC2HLI	W5JLC
US0KW	KC2TR	KD8NYO	KC8CC	W6TJU
W2TTT	KD9GKL	KE1AU	KC9CMT	WA5TRX
WB4PPW	KJ7OG	KJ4M	KD3SW	WB5NHX
	KM6WXB	KR5V	KE5CVM	WB7VVD
	KO4LZ	N1HOQ	KF0Q	WK5X
106	N0STP	VE7ZD	KG5X	WW2R (EL09)
K0MEI	N1LDY	W4RVZ	KJ5OA	
K5BJW	N2FBQ	W5DPT	N3TBB	98
K7BWH	N3UPS	W5OV	N4NIA	AC2RL
K7JE	N7AGF	W7UT	N5RZK	AD8Y
KB0TIJ	NJ1H	W9NFL	N5XTR	K0KC
KC7ICM	VE2PIJ	WA4IOB	N7EME	K0UD
KE5JXC	W1TE	WA8EQP	N8COP	K3IXD
KJ6MBW	W1ZE	WB5FDP	N8XS	K3QIA
KK2DOG	W4KVS		VP2MRM	K4OP
N0RQ	W6ZQ	101	W2CH	K5HOB
N1USB	W9EBK	AE7V	W4/KL7GLL	KA1EKR
N2IPH	W9MDB	K0IN	W4OZK	KE4LGL
N4CE	WB2VUO	K0SBV	W8BZY	KG4YOU
N5FPW	WB8BZK/VE3	K0WJ	W9DQ	KG7E
N5YHF		K2NUD	WA5TLP	KJ2G
N8HM	103	K5DWI	WV9E	KK0CQ
N9XMU	AA5CK	K5HX		KY0Q
VA3OKG	AB0YM	K7SYS	99	N0JJQ
VE3AJY	AB5SS	KB1JDX	AB0SD	N1JHJ
WB6VYH	K2OY	KB4KBS	AB3TM	N3LRP
WQ9F	K4MVL	KC6AWX	K0YO	N5TEY
	K8ZEE	KC8CSD	K4KEW	N8AID
105	KA1W	KG8WB	K4WQ	NO5X
AC4Q	KB0FHP	KG9IL	K4ZO	NO8R
DS4EOI	KB2SGX	KL2R	K5VPQ	VA3VF
K4SJA	KC9FFV	KR4WM	K7DD	VE4XTZ
K9MAL	KF0AIJ	KR7LD	K7PAP	W2KRP
KB3JGS	KF4DVG	N1IX	K9ZZE	W6TE
KC0JYT	KR4NO	N4AOE	KA0ZEE	WA2FGK
KC4KK	N0YXE	N8VEA	KC2IEB	WA3TLT
KF4DGS	N1JIF	N9DVS	KC6X	WB1GQR
KJ7TH	NF6P	ON9CMR/W0	KD4MWO	WB2YDS
N4NQY	NN2D	VA2LGQ	KD6RUH	WD0E
N5SAN	VE7DXG	W4LLP	KG9AP	WH6LR
N7YY	W0TF	W5KBD	KR4UA	WT5H

WV5Y	KB5GI	PY2KP	N9DD	VK5PJ
97	KB8PNS	VA3KS	N9UNX	W0MHK
AB8M	KC0HBP	VA3PZ	VA3MA	W2VTV
AJ9C	KD6PY	VE3KZ	VE3RX	W3ZGD
K0HB	KI5TE	VE3SPW	VE5MX	W4VG
K0JQZ	KM2O	W4YZJ	VE7AB	W5DMT
K0QEI	KM5NU	W5ADA	W2GR	W5DWA
K0SH	KR4EE	W5CBF	W3IPA	W7EIR
K0YQ	KS4V	W5RCQ	W3TA	W7TRX
K3HZO (FN20)	KT5RR	W7JWC	W4LNG	W9IFW
K4GTR	N0WVU	W9SX	W5ODD	W9NED
K4JQU	N2LID	WA2ONK	W5PUF	W9WI
K8XF	N2VHZ	WA3I	W7NX	WA5ICA
KA2BSK	N2XK	WA4WR	WA7LHZ	WB5CON
KA7EII	N8PAQ	WB2SIH	WA9BXB	92
KC0YBM	N8YBY	WD8DOT	WT9U	K1EY
KD5CKP	NT2A	WS4S	WV7S	K5GDX
KF4KSN	NW5Q	XE2AT	93	K5TDA
KM4NYI	NY2Z	94	AG2A	K7FU
KT5WB	VE2DCP	AA4RP	AG6CV	K7HKR
N1VMJ	W1HMM	AB4VT	A18F	K7UWR
N3UMA	W3VHF	AD1DX	K0IW	KB0PQP
N4BH	W4KK	AK8CW	K1PTF	KC4JNW
N6MA	W4TMR	HK4SAN	K1ZK	KD4QMY
N9APK	W7JHS	K0ARM	K2AK	KE4WBO
N9IO	WA3EEC	K3BEE	K2MTS	KG4URP
N9KY	WB0M	K3TUF	K4DAM	KR7X
NK7C	WB5KJE	K4JRK	K5TRI	N2SG
NU0Y	WP4LNY	K4LDC	K6RM	N3GH
NV3K	95	K4NNX	K7IP	N4VN
VA3FIN	AB9AI	K8GT	K7TRK	N5QO
W3QT	AE0G	K9DOG	KB0USF	N6FD
W4CWA	AE5EO	K9SUL	KC5TGT	N6RPM
W4DAS	IK8YTA	KA2F	KC5TT	N7DED
W4ID	K1PNQ	KA9UVY	KC9TTR	NS6E
W7DN	K4ED	KB7AK	KC9UL	UT5JAJ
WA6OSX	K8BB	KC0AU	KD0QG	W1PV
WA9LEY	K8KFJ	KC3AK	KE6AZX	W2ACY
WB8RVK	K8ME	KD4VRZ	KE6UMW	W2CVW
WB8ZTV	K8VD	KE3WM	KE8RPJ	W3ACO
WE8L	KD7WH	KF0LA	KE9V	W3HZU
96	KD8DR	KG4NLZ	KI0J	W4BP
AD5OW	KD9ZR	KU4JZ	KK7MNC	W4LIA
AE4TQ	KF6XA	KV3W	N2BX	W6NS
AK4F	KI0SK	N0LNE	N2YTF	W8JV
HB9EFK	KW9U	N0LP	N3AO	W9HBH
K2CK	N1XK	N2SU	N3ZBK	WA3JKB
K2UF	N2SLO	N3JBH	N4GOA	WA4EEZ
K2UNK	N2WLS	N3XBG	N4YHC	WM3O
K4EQH	N3WAV	N3YUG	N7EGY	91
K5CRJ	N4ET	N5ZMP	N7JI	AA0CW
K8EMR	N5BLY	N6HY	N7KSI	AD3Y
K9OT	N5ENU	N6MXU	NA9D	CO2WZ
KA2NDX	N5KI	N7NH	VA3JFF	K1UR
KA3HED	N9IV	N7UN	VA7QI	K4SPA
	N9LJX	N8WWM	VE3WMD	

K6YK	N5BA	K1RS	WF4W	W8PU
K7HPN	N9JJ	K3TN		W8SGR
K8OI	VA3XOV	K4XD	86	ZS6NK
KB2YWU	W9CPV	K7CTV	AG1T	
KB3IAI	W9CSY	K7WV	K7FB	83
KB3NDS	WA2BEV	K7ZYV	KA9OKH	AA6E
KB4YKC	WA8OJR	K9JF	KB7JJG	DL5XJ
KB7AZ	WD9HCF	KB2KIR	KI6HQT	K1LH
KC5POV	WE7H	KC1GWX	KN4MMH	K4SQC
KC8LGL	WEST SEATTLE AMATEUR	KC3BUL	KP4TB	K6JJ
KE1IU	WH6LE	KE8UM	KT1R	K8SIA
KE7RTB	WT4C	KI2D	N2NF	KB3HHA
KG4QWC	XE3/K5ENS	KI4RFM	N3MVF	KB9LIE
KI3O		KJ4KW	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	KT3X	W4RXR	KB3MXK	K4JMX
WB0NRV	N2GZ	W7HDD	KC0V	KA5WSS
WB7X	N5KAE	WA2BTR	KE4DRF	KC5YKX
WC4V	N8YSZ	WA5MD	KK4AND	KG4KVZ
XE1GZU	N9RG	WK3N	N2RJ	N1SF
	N9UDX	WV8O	N4LS	PU8TEP
	NE2U	XE1SOV	NJ1Q	W5DAS
90	VE3VCF		VE3GFN	W5DM
AA0LM	W0HRO	87	VE7DAY	W7YOZ
AB4WL	W1HY	AC0A	W1WV	W8GG
AB9DU	W2JEK	AG4I	W3STU	WA2ONG
AF5BG	W2OK	K4JC	W4IT	
DL1SMA	W4ZMM	K5UZ	W4RA	81
JH4JNG	W6VNQ	K5WO	W6ST	AB4I
K1HC	W9HT	K6UIP	W7SIR	DF3CB
K1KA	WA7SDI	KB1VUN	W8DQ	KE4DZU
K3CWF	WB3IAL	KC8NAH	W9QY	N6MM
K3UAL	WM6Y	KE6WOX	WA4WKL	N7NEV
K4AAP	WQ5C	KI6RRD	WD4LSS	NI4Y
K4FTP	WR5AY	N0ELA	WF4R	W3MC
K4XZ	XE2NL	N2CJN		WA4ZXV
K8EAB	XE3DX	NA5DX	84	WA8ZNC
KA5TJI		NE5S	CT3FT	XE1EE
KB5FHK	88	NI5F	K4EZY	
KB7BSA	AA4QE	NN7RM	KE6NDG	80
KK4DZP	AE0DX	W8GOC	N1KI	AC6BW
KW3DX	AE4OF	WB3IGR	N2NWS	G4FKA
N2ULL	AF4MI	WB8JAY	VE2WBK	K7FR
N4BRF				

KE4PT	VE6SO	64	N8OFS	37
KR4Q	VK4CZ	K3BQ	OH4UI	BA7NQ
KW1DX	WC6DX	WD5GRW (EM13QO)	OE9FCP	HL4CJG
N2NS				JA9APS
VY2HF	73	63	50	JH9DRL
W5TTY	JF1IRW	EA1DR	N8MR	
W7AM	VP2MJD	HL2EIZ		36
	W4WT	KB0RFY		JA1WSK
79			48	
K4RW	72	62	G8BQX	35
K5JBT	N4II	HB9ALO	HL2IFR	GI4OWA
KB4DSL	PV8ADI	K4DXA	JA9KRO	LU9DO
KP4N		N6ZDH	K0BBC/R	UR5WA
N2COP	71		KI5KC	
N5YJZ	K0GW	61	N6DBF	34
N9RC	K4GK	CU3AN	NP3IR	G4SEU
VE3CFK	K5WPN	K4MLB	YL3HA	LA2QM
W2GW	NP4TT	N0GVK		
W2SKI	W2YR	US5WE	47	33
WN0L	W3FGP		HB9RYZ	W8GC
	WC5M	60	JE1VTZ	WB4SON
78		HB9BIN		WB8TGY (EN72)
IZ8EDJ	70	IZ4DPV	45	
K2QPN	GI4SJQ	KP4JFR	JA6WJL	32
SP5QWB	K4BNC	S55DX	K4TXJ	DM2RM
TG9AWS	KC0ZRX	UR9QQ		N3LRH
W4NE	N6GEO		44	SM6WET
	W2QO	58	HB9RUZ	ZL3TE
77	W4GP	KC6NBI	WO3T	
K1IFJ		SV8CS	XE2YWH/1	31
MI0AYR	69	WA2MUA		K7TM
	K3WGR		43	
76	W1YM	57	8P6SH	30
K0WYN	WD4LBR	IK1ZOF	CT1EEN	E72X
K6MAA		JL1UXH	K4ZIN	JL3LSF
KI4CYB	68	JL3MCM		JO7WXN
KI7WXP	AA4S	N5LJL	42	LA6OP
N1GNB	EH7CD	WD5GRW	W0PR	WA6DNR
N2MH/4	K6CF			
	KJ7TEA	56	41	29
75		KI5WA	E75AA	HL2WA
G4RGK	67	LU8ADX	N6PAZ	OE4VIE
K3PP	JG2TSL	NI6T		SP5APW
K6VHF/HR9	W7YED		40	
K8QM		55	HA5PT	28
N5GH	66	LA3MHA	JF1LMB	CT8/K0RUI
NP3YL	K6KLY	WA2EMF	JR0QFA	JA6CRP
W4LVH	KK4YEL		WB8TGY	K0FMI
W5UC	UX1UA	54		OH3DP
WP4NEG		AG4KI	39	
ZL3AAU	65		AA5PK	27
	JA1XEC	53	YL2JZ	E70A
74	K4IM	K0BBC		KC9ELU
AK8B	K5EJ	PP1CZ	38	WP4NIX
CX4AAJ	N7UJJ		DD3KF	
KF2TI	OK1MP	51	DG7RO	26
LU4FPZ	W4CCS	CT1ETE	DU1EV	DS4AOW
			K8YSE	

WB7QXU	16 N6VHF SV8CKM TI2CDA	SV2DCD TF3Y UR7DWW	SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	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		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			
23 GM4ILS K4SLC KP4EIT W8MK	14 EA8MT JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	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	
22 9H1SP IZ3ENH OE3SGU				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 JA7VXB JH8XVT
21 EA1YN	13 K4WY PY2MC W4PWF	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX		
20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE PY2VA		
19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM	5 DL5LH EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE PP2RON		
18 AJ6V HL4GAV KJ4EU W0HBH			2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC CO6CBF DF3VG	
17 G3LZQ PY2XAT SP5XMU W0JM	10 DL4CF HB9BOS JI2UDK PA5KT			

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