

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	W0JW	WD5COV	478	465	W5THT
AA0MZ	W0LGQ	XE2CQ	AD1C	XE2K	
AA5AM	W3CP		AE5B		455
AA5C	W4UDH	485		464	K9MK
AA7A	W5ADD	K9MU	477	AJ4F	WA9DU
A15I	W5AFY	N0POH	KC7V	KB9OWD	
K0GU	W5AJ	W5VY	N5KO		453
K1TOL	W5EME	W5ZN	N7ZO	463	K4YMQ
K4PI	W5FF		NC6K	K4MY	K7PI
K4XO	W5KI	484	W6XK	W5XC	KB9DAK
K5RK	W5OZI	AD6D			
K5UR	W7GJ	AF5CC	474	462	452
K5WE	W7JW	A11K	K7KQA	K6ZH	N5BO
K7CW	W7KNT	K7BG		N6ORB	N9BX
K7ULS	W7MEM		473		NE1B
K8SIX	W9FF	483	N4TB	461	
K9CT	W9JN	AC0RA	NQ7R	N4JQQ	451
KA9CFD	W9RM	K1USA	WB0O	NA9RB	K5WBM
KA9FOX	W9XX	W0VTT			KD3CQ
KD5M	WD5K	W5TRL	472	460	
KG5CCI	WQ5S	WB0ULX	KB7ME	K4SO	450
KM0A	WS9V		ND4X	K5OMC	KF8MY
KM0T		482	WD8JJA	KF0M	
KO9A	487	K0BJ	WE9R		449
KR7O	K0SIX	KX4R		459	K3SX
KV5W	K1TO		470	N5NA	KF6HI
N0LL	K7MAC	481	WO7R		W8TN
N0LWF	K9YY	KC7QY		458	
N0PB	N0AKC	N5WS	468	K9NW	448
N0TB	N7CW	W9VHF	N5EKO	KG5THG	KP4AJ
N1AV	N7IR	WA7HQD	VE3EK	N9BCA	W3LPL
N3SL	N9ISN			NA6MG	WB7CJO
N3XX	NA6L	480	467		
N5DG	W3IP	K5GZR	NY0V	457	447
N5OMG		N4WW		K4HB	AH0U
N6JV	486	XE2OR	466	N9PGG	KS7S
N7NW	K0TPP		KA0JGH	NI0G	N2NL
N9LB	K5ND	479	KB6NAN	W3UR	N4SC
N9UM	KY7M	W5WVO	WB9CIF		
ND0B	N0KE	W9RN	WX7M	456	446
W0FY	N7KA			N4QS	K1HTV

K6EID	W3LL	417 NJ6D WW1L	K8EB N4UFO	393 K1GG K7XC KV7N	380 K7MCX NE6I WA5LFD
445 K4XP K8ZM KU7Z N4LR N8OC WB8ZBT XE2X	433 W9WO	416 K4RWP K7ND KO4MA NI0P	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF	379 AB9BH N8WNA
444 N7BAV	431 K0TLM	415 K7AWB NZ3M W0GJ	404 K8JH N2ZX VE4EAR W5SUM	391 AB4SF AD5A W4AVY W6TMD	378 WR7X
443 AB4IQ K5XI N4MM	430 K1TEO	414 K0DEQ N0GZ W4TV	403 NH6T/W4	390 KZ2I	377 AB1OC NT9E WA1NLG
442 AG9S N2QT N4TL	429 K4ZOT K8ZR WA5JCI	413 AE5FM WA9LFO	402 K3FM K7SMA	388 K0IP W4WRL	376 K8GI K8VFX N2WK N3OC
441 K8TB K9KLD WA1EAZ	428 K9APW	412 VE2XK 6M FN07PJ	401 K4CKS	387 KV4T N4CH	375 K6QG WB4OQX
440 W2IRT	427 W0RH	411 AA1ON N9EAT	400 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	374 K0TT KV7K N6GP N7DB NY1V
439 N4QWZ NM5U	426 N5OK W5JAY	410 KB0V KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA	373 K4SSO
437 K5RT KK4MA N5TJ	425 K6ML	409 N1EVK N5SYV	397 KE4TH	384 K8ROK W7FI	372 JA7QVI
436 N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	396 K6VHF KB8U	383 K10E W5MO	371 AA4ZZ N3PS WA6BYA
435 KF6A	423 AJ4A W4DR	407 W4AS W5CIA W5PR	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V W4FC
434 K1SIX K8ROX VE3LYC	419 K7NN W0GN W5AL	406 AK3E K6FG	394 AA5JF K2TER K6RO KT8O	381 AG4W W3VZ	

369 KF8UN N2DPF	357 K4LVV	KB0PE N8LRG W1OW	KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	N5PT W2CNS WB3LHD	318 W4HY
368 K0DD W5RCI W6GMT	355 KD5XB	343 AB4EJ K5EK N3RC N6KZ	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU W7YA	317 KA8SYV VE3XN W1SKU W3HDH
367 KC4HW KR4BD W7YAAQ	353 AF2K K0CS	341 KD7DCR N8HRZ NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	316 K3FN KA0ABA W4UCK W9BWR
366 KI7JA	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	325 WA2AEY WX0Z	315 K5VH NY2NY XE1AO
365 K4JJW K7XB KG7CW	351 AA4FL K5DTC	339 KE4BKL VA7FC W5VAS WB0OQV	338 N9JR NA5Z VE3SXE W9XA WA5KBH	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	314 KU4XO
364 AB5EB K0RAR N6QQ	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	313 JE1BMJ N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
363 W4NH	349 KA0BAD W8LMG	348 N1JFU NJ7G	330 KB8MBC KG6AY W8PI	322 N3ALN VA6SZ	312 AF6O KA2GOJ
362 W1JR WA5OLT	347 W2HRO	346 N9XG W8OP	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G	321 N0LD NC7B NS4C W9VA	311 AC9S KM3T KS4XQ W2BZY W5DB
361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	344 K6FW	335 AK0MR K0VG K5FUV K5FZ K9QVB	320 N4DW	310 K1ST N1NK W9KVR WO4DX
360 AA4FF K6UM (CN85) W0NOZ			328 K6ME	319 KF2T N7US	309 AA9RR

308 WA4HFN	VE6WK W1LE W8UV WB5GVY	290 WA8EFK	NL7CO W2YE	KO4PRE N4SV	W7CT
307 AG1A KE5K W3ATV W9RPM	298 K0MLD KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	280 AD7OV N0KV NM5Z W1FKF	271 K7NII KB7FUV W3HHN W3SW	264 AC8L K4JAF N0TK NF1O
306 K4QE KE8Y WV9L	297 JG1TSG KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	279 N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	263 AK4PR K9AAA WB7QBS
305 K3VAT K6UM (CM88) KT1J WA9M	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ
304 K6IPF NS4T WA0GUD	295 KE4P N6AR N7NT XE1YY	285 AB0S K5CZD K9UO KK0DX	277 AC7JM K5KEW PV8DX	268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	261 AF2F K3TWK KB8UUZ N3EW W6TCP
303 EA8DBM K8TGC K8TL N7LAN	294 K2UU K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 HC1BI K2CS K5TJWJ K7TAB W9OO	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	260 K6JAD N6HC NT7C XE1YD
302 KB2TGU N3KN	293 K3AX K4KJZ KL7HBK	283 K7LOL N5OHL WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK	266 K1OA K1WVX TG9AJR VE3MSC VE6TA (DO33) WB8EJN	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	292 KJ6P W1SSN	282 AA0ZP K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD	265 N5KS	
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 K0CAO KS4S W1WHL W2CCC	281 AA8MA JR1LZK K4OY	273 KM4H KV1J VE6SH		258 AB5GU K1NJ K2HAT NA2NY WB7ECS
299 DK8NE			272 KF8QL		

257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/0	249 CT1IUA K8AO KQ5U N1GC N5SMQ	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	KK8MM N9NJY WA2OTC	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE
256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	231 AI9L K4MIJ K6HEW KF6GYM W9XT	224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF
255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW
254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF N5PA VA3CW	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ
253 KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK N3FTI N9ATD W5AJX	228 JM1SZY K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC
252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
251 AD5JK K9QJ KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	234 KE6FCT	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP
250 AA9LC KL0S NW6R	241 N6NU W5LO	233 K1AFC N9NJS VE7VZ W3DF W8PAT W9TD XE1L		218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ

N6UK WQ9T	WA1KPD	XE2ED XE2W	189 KC0MEA WA5VKS	K8WK NZ1I W9JJ XE1CL	NY4I SM7FJE W5ZG WA8UEG
209 AA4IB W5WGF WA4NFO XE2N	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 KX9X N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R
208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	187 AA8R KQ0J		
207 N1BCL N8NJA		193 K7PT K9AB KD2NF KF6XA	186 DJ5FI K6ZZ K8PT K9SG KN7K N0XLR N6ZE		175 PV8BR
206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	174 K3MD K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI
205 AF4OD K8SD KE4HOA N5ITO W8QID	199 N3KfV W4OEP WB0YEA			179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	
204 KO0Z LU2DX WA3DRC	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG		173 K2ZZ K5YPV KE4SCY
203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD KN4PPD N9UA W1ATV W2OO WB0DBS	183 K5RQ N0UBL W2UDT WC4H	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC
	196 K0AIZ K0NR KD3HN N5DUW W2AMR		182 AJ6T CM87 FP/KV1J K5GMX	177 AG4ZE K2QQ KI4BWW	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L

W1PX	W0RIC	KI0D	UT7QF	VA2RC	140
W6IA		N2CG	WO4G	VE1VOX	AC5DK
WA2KBZ	164				BA4SI
170	K2SD	157	151	145	CO2WF
K9TVG	K5VWW	K4FX	OE6IMD	KD7YZ	K7SAM
N4GBK	KD0UHN	KB8GC	W1ZT	V31MD	KC0MEZ
N8CN	KF9US	KC2WUF	W2DXE	VA3TTX	KC8TMU
NA2U	W4CSW	WA7NB		WA4JA	KJ4KVC
W1MJC	WK7G		150		N1EN
W4IHI	WQ7F		KW4BY	144	N3VOP
W4JKC	163	156	N9LAH	K0TLG	NJ0U
WK3V	K2JF	IZ8FFA	VE3OAT	K5TDW	VA3FLF
	K2YSY	K2KJ	W7APM	K6JRA	VE3KY
169	N5XZ	K9OHI		K8MN	W4GPM
K6XC		N3RN	149	K8WU	W4TUN
KD5OMJ	162	N9KO	AB6CF	N9DI	W6DQ
N2BEG	AF4GK	VE7VDX	K4SAN	W5MPC	WA4KXY
N5XES	K0QB		KK9H	WO7GI	
N7PHY	KA1R	155	W3UA	YV4NN	139
VE3HHT	KD4TDI	CT1BWU	WB4VHF		KC7JPC
W8KNO	N5SIX	K3TD		143	KU0G
	W9JJB	K6XN		K6JBH	N7T
168	W9VS	N5RMS	148	K9QFR	NA2AA
AE4M	WA1Z	N7AU	AC0DQ	KB8RJS	NZ6N
KG5ZMQ	WB0WAO	N9OBE	AG0A	N8URE (FM19)	W4OV
KS9J		TG9ANF	K0RU	NA1VT	WB2JIL
W2PD	161	VA3NQ	K7IU	W0HNM	WY0V
W8WEJ	K0KVR	WV8DX	KB2YSI	W0UHL	
	K4EA	154	N0TM	WB0MMC	138
167	KB3CWQ	AE4NT	N1TOR	WM5H	AC0XY
K4MQG	KK9M	KB9VMW	N5ZBI		AI6O
KB1YNT	N2YBB	KW4OV	PV8AJ	142	KD7WPJ
KB9REV	V44KAI	W3ZQN	W6VNB (CM88)	N2ZA	KE0A
KE5EP	VE3LC	153	WB6RAB	NA2X	KE3D
N0NHW	W4HOG	AA4NC		NC4VA	KE8RO
NO0T	WA1LAD	AB4GG	147	W5SWV	KQ4KX
TG9ADQ	160	K7AD	AF6AV	WA5TKU	N3XH
W1BAT	AB1QB	K7ZD	IZ1LBG	WS4V	
166	JA1AFR	N1OFZ	K6PSP	141	137
I0WTD	K5IQ	N2ADV	KC1BUF	JA6RJK	N1SZ
JA1OVD		N2WM	VE3CX	K4AR	N5JGK
KC2GHT	159	N6DHZ	W4YCC	K9ATX	SM7AED
N5VU	G0OIL	W3DQS	W5WOX	KT8TD	
NC4RY	K4MZ	W5FI	WA0VPJ	N9FIV	136
VA3WEB	NS7B	W9ILY	WA3YGQ	NV4B	K0XXX
WB4KXS	W1EME	WB5ZAM		W4FS	K4SX
	W4TTO		146	W4POT	K6US
165	WB8NUT	152	K2GW	W6ZI	KC5LK
K4DXT		AA6I	K8YTO	WB9WHQ	KC9AXZ
KD5HPT	158	N0RC	KB0YH	WR7AY	KJ5RM
N3FX	K8CR	N1NUM	KC2TN		KV1E
		NU1T	KM5TY		NO1R
			N4HID		W2JCN

W4AVV	131	K8OS	W4PRZ	K7JIZ	KM5FA
W7UV	JR1BAS	KB3OZC	W5EWF	KF7PCL	N7VGO
XE2JS	K3NAT	KB9TLV	W7MHW	KP3V	UW5ZM
135	KG9R	KC0RQH	W8BI	KT0P	VK9DX
CU3EQ	KT3X	N6UTC	W8KHP	KW7N	WA3BZT
K4MWB	N2CJ	VE2JWH	WA8WV	N4UPX	WC7V
K8ZIZ	TF3JB	W1FLD	WB2RVX	W0QC	
LY3W	130	WA6BIL	122	W4SW	114
N4DB	AB0X	126	K7AED	W7QQ	AC8HU
N8XE	JA3LZS	KJ7G	K7OGW	WI4T	K2RET
W6BXQ	K0GUR	N0BDS	KA9JAC	WM9M	K3RTU
WB8BZK	K4JKB	N7DGI	KB4UF	118	KC4GCK
WW2DX	K8LG	WB4HUC	KB5WFE	J68AS	KG9Z
XE1H	KC4NX	YL2AO	KC5UGX	K4AZV	NF8M
	NG9R	125	N5HYV	KA4LBD	VE1WOW
134	NO8D	AA7DK	VE6PY	KF6MXK	VE3IRR
AB1NS	VE1DX	K3PU	VE7JAC	KI7BP	W2JLK
AB4GE	VE2TZT	KC5DRI	WD0GTU	KT8X	W2ZQ
AD4TT	W0PHX	W2AJM	121	N1QDQ	W4ALF
C6ABB	W2LES	W3UQH	AE1P	N3JNX	W4UFO
GM4UYE	W3FEY	W4DFU	K0MFI	N5EIL	WO2C
KE5FXE	WA2SEI	WA6POZ	K4HBI	W2AC / WB2ABK	WX4US
KF6UFO	WB4YDL	WB4OMM	KB2WAL	W2AC/WB2ABK 113	
N3AIU (DN70)	WW5W	WE1P	KB5MH	WB2KSK	AB4PM
N8GOU	129	124	KE4JFS	117	AD5MD
W4TKI	8P6ET	K0DLW	NE0P/9	AB5J	HB9BZA
WA3WZR	JF4VZT	KB0HH (EM06)	UR0MC	K4WS	K3DQB
133	K0KD	KD5FTD	W8DN	N4USG	KD4BPZ
KA5ETS	K5QWO	KM1C	WB9TFH	N5JEH*	KD6VCD
KC1RET	KC8KSK	KT5MR	120	N5LPT	KM5OL
KE1VT	KF4NEF	N0SL	EA1YO	NA7L	N3JDQ
KM8V	KM5LY	N9AZZ	K2CYE	NU6V	N4YCI
W0RT	KM5SC	PV8AAS	K4AU	W6WE	N5YK
W4GE	N9WBR	W0PE	K4CGY	WA1TBV	W0BM
WI5D	128	W1TAM	KD0R	XE2PXN	W8MSP
WW7Q	JR2LJO	W6SCQ	KD4MZM	116	W8VW
XE2O	KC7QAG	W7YM	KD5BRF	IK7EOT	WD0ENC
132	KJ6SDF	W9CDL	KE4SCY (FM06)	K4RGN	112
AB3CV	KN4DMN	WL7OU	N3YPJ	KI6QDH	EA4DEI
IC8TEM	N1SFE	123	VE1JC	KU5B	K2MLS
K5VG	W0WT	AC7AF	VE3XK	N0VR	K3GD
KW4G	W5ZO	K9SM	WA6RAY	NO0B	K5WTA
N4PPH	W8FR	KB0GT	WD4OHD	W0DHB	KA7T
N7TP	WB2WEO	KB0STN	119	115	N5HMH
N8IK	127	KG6DHQ	AE5AU	K9AAN	W1TR
NE1I	AA9RK	VE3TG	K0AWU	K9MMS	W5DQ
VE3TM	K3GYK	W1HS	K1ZN	KE6TVM	W6OAT
WN6K	K7UV	W3DIY	K2SQS	KF0QS	W7IV
	K8AC	W3SE	K4MSG	KF9AF	W9PN
					WA8TWM
					WG3K

WX3P	VE7IG	KJ7TH	KF4DVG	KG8WB	99
XE1GK	VY2RU	N4NQY	KR4NO	KG9IL	AB0SD
	W4AMP	N5SAN	N0YXE	KL2R	AB3TM
111	W4CRN	N7YY	N1JIF	KR4WM	K0YO
N0SLT	W5AAJ	NE9O	NF6P	KR7LD	K4KEW
PC3T	W8EH	PU4JOE	NN2D	N1IX	K4WQ
W8GBH	W9VNE	VE3VRQ	VE7DXG	N4AOE	K4ZO
WZ8P		W8MIL	W0TF	N8VEA	K5VPQ
	107	W9RVG	W3LEO	N9DVS	K7DD
110	JA3EGE	WA4MYO	W6IT	ON9CMR/W0	K7PAP
G4BWP	K5UIC		W6XU	VA2LGQ	K9ZZE
K5KR	KF7PG	104	XE1RBV	W4LLP	KA0ZEE
K7LD	KI9A	AB9YC		W5KBD	KC2IEB
KD5J	KK4LUM	AC5K	102	W7ISG	KC6X
KI0F	N3TTT	AC5RN	AA9MY	WB8IMY	KD4MWO
KP4JRS	N9OI	AC9QR	AB8JH	WD5IYT	KD6RUH
KQ4LA	NF0T	IK4DRY	AD6KH		KG9AP
KX5U	US0KW	K5PPP	HB9EFK	100	KR4UA
N5TIF	W2TTT	KB9RNO	K0HAQ	AC0FT	M5MYH
N5YM	WB4PPW	KC1LXO	K3HW	AI2S	N4FV
W7JET		KC2TR	K9AM	AI9U	N7HRT
W7UP	106	KD9GKL	KA3ZLS	K2UA	N7JPF
	K0MEI	KJ7OG	KB8CR	K4UQC	N7TE
109	K5BJW	KM6WXB	KC6WFS	K5GM	N8GHZ
AK6ZZ	K7BWH	KO4LZ	KC8DMN	K5KV	N8YV
IW1ARB	K7JE	N0STP	KD8NYO	K8IJ	N9MKC
K2DSW	KB0TIJ	N1LDY	KE1AU	K9CC	NB5R
K2JGL	KC7ICM	N2FBQ	KJ4M	KB9ZLB	NH6CJ
K2OO	KE5JXC	N3UPS	KR5V	KC2HLI	NI5W
K5DNL	KJ6MBW	N7AGF	N1HOQ	KC8CC	NS2P
K9GY	KK2DOG	NJ1H	VE7ZD	KC9CMT	VE2HAY
KE6GLA	N0RQ	VE2PIJ	W4RVZ	KD3SW	W2HOG
KJ6CA	N1USB	W1TE	W5DPT	KE5CVM	W2VU
KZ7N	N2IPH	W1ZE	W5OV	KF0Q	W5JLC
N8TMW	N4CE	W4KVS	W7UT	KG5X	W6TJU
N9TTX	N5FPW	W6ZQ	W9NFL	KJ5OA	WA5TRX
VE3AAQ	N5YHF	W9EBK	WA4IOB	N3TBB	WB5NHX
W0YJT	N8HM	W9MDB	WA8EQP	N4NIA	WB7VVD
W1OP	N9XMU	WB2VUO	WB5FDP	N5RZK	WK5X
W4ZRZ	VA3OKG	WB8BZK/VE3		N5XTR	WW2R (EL09)
W5MPC/1	VE3AJY		101	N7EME	
W7RJR	WB6VYH	103	AE7V	N8COP	98
WB6YIY	WQ9F	AA5CK	K0IN	N8XS	AC2RL
WB9W		AB0YM	K0SBV	VP2MRM	AD8Y
	105	AB5SS	K0WJ	W2CH	K0KC
108	AC4Q	K2OY	K2NUD	W4/KL7GLL	K0UD
CF3VRQ	DS4EOI	K4MVL	K5DWI	W4OZK	K3IXD
JA9IPF	K4SJA	K8ZEE	K5HX	W8BZY	K3QIA
JP7EIP	K9MAL	KA1W	K7SYS	W9DQ	K4OP
K5OPB	KB3JGS	KB0FHP	KB1JDX	WA5TLP	K5HOB
K7MDL	KC0JYT	KB2SGX	KB4KBS	WV9E	KA1EKR
N3MWQ	KC4KK	KC9FFV	KC6AWX		KE4LGL
VE3SUB	KF4DGS	KF0AIJ	KC8CSD		KG4YOU

KG7E	VA3FIN	WP4LNY	HK4SAN	93	92
KJ2G	W3QT		K0ARM	AG2A	K1EY
KK0CQ	W4CWA	95	K0JDD	AG6CV	K5GDY
KY0Q	W4DAS	AB9AI	K3BEE	AI8F	K5TDA
N0JJQ	W4ID	AE0G	K3TUF	K0IW	K7FU
N1JHJ	W7DN	AE5EO	K4JRK	K1PTF	K7HKR
N3LRP	WA6OSX	IK8YTA	K4LDC	K1ZK	K7UWR
N5TEY	WA9LEY	K1PNQ	K4NNX	K2AK	KB0PQP
N8AID	WB8RVK	K4ED	K8GT	K2MTS	KC4JNW
NO5X	WB8ZTV	K8BB	K9DOG	K4DAM	KD4QMY
NO8R	WE8L	K8KFJ	K9SUL	K5TRI	KE4WBO
VA3VF		K8ME	KA2F	K6RM	KG4URP
VE4XTZ	96	K8VD	KA9UVY	K7IP	KR7X
W2KRP	AD5OW	KC5N	KB7AK	K7TRK	N2SG
W6TE	AE4TQ	KD7WH	KC0AUY	KB0USF	N3GH
WA2FGK	AK4F	KD8DR	KC3AK	KC5TGT	N4VN
WA3TLT	K2CK	KD9ZR	KD4VRZ	KC5TT	N5QO
WB1GQR	K2UF	KI0SK	KE3WM	KC9TTR	N6FD
WB2YDS	K2UNK	KW9U	KF0LA	KC9UL	N6RPM
WD0E	K4EQH	N1XK	KG4NLZ	KD0QG	N7DED
WH6LR	K5CRJ	N2SLO	KU4JZ	KE6AZX	NS6E
WT5H	K8EMR	N2WLS	KV3W	KE6UMW	UT5JAJ
WV5Y	K9OT	N3WAV	N0LNE	KE8RPJ	W1PV
	KA2NDX	N4ET	N0LP	KE9V	W2ACY
97	KA3HED	N5BLY	N2SU	KI0J	W2CVW
AB8M	KB5GI	N5ENU	N3JBH	KK7MNC	W3ACO
AJ9C	KB8PNS	N5KI	N3XBG	N2BX	W3GP
K0HB	KC0HBP	N9IV	N3YUG	N2YTF	W3HZU
K0JQZ	KD6PY	N9LJX	N5ZMP	N3AO	W4BP
K0QEI	KI5TE	PY2KP	N6HY	N3ZBK	W4LIA
K0SH	KM2O	VA3KS	N6MXU	N4GOA	W6NS
K0YQ	KM5NU	VA3PZ	N7NH	N4YHC	W8JV
K3HZO (FN20)	KR4EE	VE3KZ	N7UN	N7EGY	W9HBH
K4GTR	KS4V	VE3SPW	N8WWM	N7JI	WA3JKB
K4JQU	KT5RR	W4YZJ	N9DD	N7KSI	WA4EEZ
K8XF	N0WVU	W5ADA	N9UNX	NA9D	WM3O
KA2BSK	N2LID	W5CBF	VA3MA	VA3JFF	
KA7EII	N2VHZ	W5RCQ	VE3RX	VA7QI	91
KC0YBM	N2XK	W7JWC	VE5MX	VE3WMD	AA0CW
KD5CKP	N8PAQ	W9SX	VE7AB	VK5PJ	AD3Y
KF4KSN	N8YBY	WA2ONK	W2GR	W0MHK	CO2WZ
KM4NYI	NT2A	WA3I	W3IPA	W2VTV	K1UR
KT5WB	NW5Q	WA4WR	W3TA	W3ZGD	K4SPA
N1VMJ	NY2Z	WB2SIH	W4LNG	W4VG	K6YK
N3UMA	VE2DCP	WD8DOT	W5ODD	W5DMT	K7HPN
N4BH	W1HMM	WS4S	W5PUF	W5DWA	K8OI
N6MA	W3VHF	XE2AT	W7NX	W7EIR	KB2YWU
N9APK	W4KK		WA7LHZ	W7TRX	KB3IAI
N9IO	W4TMR	94	WA9BXB	W9IFW	KB3NDS
N9KY	W7JHS	AA4RP	WT9U	W9NED	KB4YKC
NK7C	WA3EEC	AB4VT	WV7S	W9WI	KB7AZ
NU0Y	WB0M	AD1DX		WA5ICA	KC5POV
NV3K	WB5KJE	AK8CW		WB5CON	KC8LGL

KE1IU	WA8OJR	K7CTV	WB3IGR	84	N7NEV
KE7RTB	WD9HCF	K7WV	WB8JAY	CT3FT	NI4Y
KG4QWC	WE7H	K7ZVY	WF4W	K4EZY	W3MC
KI3O	WEST SEATTLE	KA7ATEUR		KE6NDG	WA4ZXV
KI5BLU	WH6LE	KB2KIR	86	N1KI	WA8ZNC
KM7N	WT4C	KC1GWX	AG1T	N2NWS	XE1EE
KM9I	XE3/K5ENS	KC3MLC	K7FB	VE2WBK	
KQ6K		KE8UM	KA9OKH	W8PU	80
N3PPH	89	KI2D	KB7JJG	W8SGR	AC6BW
N3WCM	AB1TZ	KI4RFM	KI6HQT	ZS6NK	G4FKA
N6DW	AG2AA	KJ4KW	KN4MMH		K7FR
N7CZ	AG7NR	KU4S	KP4TB	83	KE4PT
N8DEZ	G4NBS	N0OK	KT1R	AA6E	KR4Q
NR4J	JQ1TIV	N1CEO	N2NF	DL5XJ	KW1DX
NU4N	K4BMM	N2MKT	N3MVF	K1LH	N2NS
OE9KFV	K5CX	N2ZN	N8TFD	K4SQC	VY2HF
VA2BBW	K5JAZ	N4CAG	NZ3O	K6JJ	W5TTY
W2SUB	KA0MWA	N4GN	SV1RK	K8SIA	W7AM
W4MLN	KF4TVL	N4KIN	VA3MDB	KB3HHA	
W5KDA	KI0G	N4UC	VA7LM	KB9LIE	79
WB0NRV	KI4FW	N5VBK	VE7IRU	KK7BV	K4RW
WB7X	KI4US	NS3X	W8IW	KU4WW	K5JBT
WC4V	KR4U	NT4TN	WA1PMA	N5PD	KB4DSL
XE1GZU	N2GZ	VE2VLJ	WB4GCS	N6KTH	KP4N
	N5KAE	W2BZR	XE2AU	SV2AEL	N2COP
90	N8YSZ	W3YX		TG9AKH	N5YJZ
AA0LM	N9RG	W4DL	85	W7USB	N9RC
AB4WL	N9UDX	W4R XR	AC9GK	WD6T	VE3CFK
AB9DU	NE2U	W7HDD	EI3IO	WD9IOK	W2GW
AF5BG	VE3VCF	WA2BTR	K1UU	WI6Z	W2SKI
DL1SMA	W0HRO	WA5MD	K4LRP	XE1MM	WN0L
JH4JNG	W1HY	WK3N	KB3MXK		
K1HC	W2JEK	WV8O	KC0V	82	78
K1KA	W2OK	XE1SOV	KE4DRF	AD4IE	IZ8EDJ
K3CWF	W4ZMM		KK4AND	CB0ZA	K2QPN
K3UAL	W6VNQ	87	N2RJ	K3RJK	SP5QWB
K4AAP	W9HT	AC0A	N4LS	K4JMX	TG9AWS
K4FTP	WA7SDI	AG4I	NJ1Q	KA5WSS	W4NE
K4XZ	WB3IAL	K4JC	VE3GFN	KC5YKX	
K8EAB	WM6Y	K5UZ	VE7DAY	KG4KVZ	77
KA5TJI	WQ5C	K5WO	W1WV	N1SF	K1IFJ
KB5FHK	WR5AY	K6UIP	W3STU	PU8TEP	MI0AYR
KB7BSA	XE2NL	KB1VUN	W4IT	W5DAS	
KK4DZP	XE3DX	KC8NAH	W4RA	W5DM	76
KW3DX		KE6WOX	W6ST	W7YOZ	K0WYN
N2ULL	88	KI6RRD	W7SIR	W8GG	K6MAA
N4BRF	AA4QE	N0ELA	W8DQ	WA2ONG	KI4CYB
N5BA	AE0DX	N2CJN	W9QY		KI7WXP
N9JJ	AE4OF	NA5DX	WA4WKL	81	N1GNB
VA3XOV	AF4MI	NE5S	WD4LSS	AB4I	N2MH/4
W9CPV	K1RS	NI5F	WF4R	DF3CB	
W9CSY	K3TN	NN7RM		KE4DZU	75
WA2BEV	K4XD	W8GOC		N6MM	G4RGK

K3PP	K6CF	57	XE2YWH/1	32	22
K6VHF/HR9	KJ7TEA	IK1ZOF		DM2RM	9H1SP
K8QM		JL1UXH	43	N3LRH	IZ3ENH
N5GH	67	JL3MCM	8P6SH	SM6WET	OE3SGU
NP3YL	JG2TSL	N5LJL	CT1EEN	ZL3TE	
W4LVH	KF4JHG	WD5GRW	K4ZIN		21
W5UC	W7YED				EA1YN
WP4NEG		56	42	31	
ZL3AAU		KI5WA	W0PR	K7TM	
	66	LU8ADX			20
74	K6KLY	NI6T			CX1FK
AK8B	KK4YEL		41		I1FQH
CX4AAJ	UX1UA		E75AA		JM1KVV
KF2TI		55	N6PAZ		N1WC
LU4FPZ	65	LA3MHA		30	PY5EW
VE6SO	JA1XEC	WA2EMF		LA6OP	W8LR
VK4CZ	K4IM		40	WA6DNR	
WC6DX	K5EJ	54	HA5PT		
	N7UJJ	AG4KI	JF1LMB	29	19
73	OK1MP		JR0QFA	HL2WA	DL1TS
JF1IRW	W4CCS	53	WB8TGY	OE4VIE	EA6BB
VP2MJD		K0BBC		SP5APW	JI4WAO
W4WT	64	PP1CZ	39		JR3UIC
	K3BQ		AA5PK	28	PY2HN
	WD5GRW (EM150C)		YL2JZ	CT8/K0RUI	SP8NR
		CT1ETE		JA6CRP	VE6TA (DO31)
72	63	N8OFS	38	K0FMI	
N4II	EA1DR	OH4UI	DD3KF	OH3DP	18
PV8ADI	HL2EIZ	VE9FCP	DG7RO		AJ6V
	KB0RFY		DU1EV	27	HL4GAV
71		50	K8YSE	E70A	KJ4EU
K0GW		N8MR		KC9ELU	W0HBH
K4GK	62		37	WP4NIX	
K5WPN	HB9ALO	48	BA7NQ		17
NP4TT	K4DXA	G8BQX	HL4CJG	26	G3LZQ
W2YR	N6ZDH	HL2IFR	JA9APS	DS4AOW	PY2XAT
W3FGP		JA9KRO	JH9DRL	WB7QXU	SP5XMU
WC5M	61	K0BBC/R			SV8CKM
	CU3AN	KI5KC	36	25	W0JM
70	K4MLB	N6DBF	JA1WSK	EA4/K1WE	
GI4SJQ	N0GVK	NP3IR			16
K4BNC	US5WE	YL3HA	35	24	N6VHF
KC0ZRZ		47	GI4OWA	EI2JD	TI2CDA
N6GEO	60	HB9RYZ	LU9DO	F1RAF	
W2QO	HB9BIN	JE1VTZ	UR5WA	F4BDG	15
W4GP	IZ4DPV			HB9G	9K2BM
	KP4JFR	45	34	KS4YX	EI2GLB
69	S55DX	JA6WJL	G4SEU	ON6AB	HB9FMN
K3WGR	UR9QQ	K4TXJ	LA2QM	PA7TWO	HB9HIT
W1YM					JE2UFF
WD4LBR	58	44	33	23	LU5FF
	KC6NBI	HB9RUZ	W8GC	GM4ILS	PY2RN
68	SV8CS	WO3T	WB4SON	K4SLC	UT3UA
AA4S	WA2MUA		WB8TGY (EN72)	KP4EIT	WC2C
EH7CD				W8MK	

14	IK3ITB	4	F5TMJ	JI1HNC
EA8MT	JA1MZL	CT7/RC2A	G0THY	JJ1PFC
IW3GJF	JA2FGL	DD6UAH	G4DDL	JL2ULM
JA2XCR	JE1LFX	EK/RX3DPK	G8GNI	JN3ONX
KB8DVT	KD3UY	F1DFR	GI4ONL	KC3KJQ
PA7RA	S51NM	GM4CFS	IK1IYU	KG4JSZ
PV8RR		GM4KHE	IK2GOQ	KH6WI
PY2OC	8	IV3GOW	IZ8XQC	KP4DER
W9TTY	DK2LO	JG1JPE	JA6AVT	MM0INH
	JA1CPU	JH7IMX	JA6SZV	OK1UU
13	JE3PCP	JH7IPR	JA9FAI	ON6NA
K4WY	JJ2NWI	JK6DXD	JH3MHI	OZ1IKY
PY2MC	N8RO	UT5EL	JP1HDK	PU5SVE
W4PWF	OH8LXT	VK4ZP	K4KZM	SM3GBA
		XE1SAX	K7LY	SM6LPG
12	7		KEN IN NEBRASKA	SK7EXY
EA3GP	DH0GSU	3	LA2CQ	SQ5NRY
F4ESV	G8APB	DF1ZN	OH3KAV	UN8G
HB9DDZ	IZ0INX	DJ5AV	SV1XV	UR5EDX
IK2RPE	JA2NDQ	DL2KQ	SV3FUO	VR2VGM
JK1UNZ	LA3DV	EA1AR	YB2DX	WB7VUF
JN1RQV	N5ORT	EA4D	YL2KF	YO8WW
N1IW	NJ4Y	G3LHJ		
ZS6WB	UR5FEO	HA9PP	1	
	ZS4TX	HL2ZN	3A2MW	
11	6	IK0WRB	9A2EY	
A65BR	CT2FEY	IK8EPC	AJ6T (EM66)	
DL2OE	DL1TRK	JI1CHH	BD4UJ	
EA4DAU	DU0A	JM1GHT	CT1AHU	
EA4ZK	EI2JC	JN1BPM	DH8BQA	
G4CTY	JA7NGE	JR6IQI	DJ3ZF	
IZ4GWE	PY2VA	KC0Y	DL2DCX	
JA2KVB		PY5IP	DL4ZAB	
JA6QHJ	5	SA7CJO	DS5DNO	
PY2DV	DL5LH	SV1VN	DS5TOS	
PY2GM	EA1AAA	W1CBY	EA3WD	
	EA7ZY	WD9EWK (DM43)	EA4GQS	
10	IK8GYS	YB1TJ	F1VEV	
DL4CF	JI5USJ	YL2CA	G4CFS	
HB9BOS	JJ1IDW	YL2MU	G4VSS	
JH8RZJ	KB8VAO		G6MXL	
JJ2UDK	M1VPN	2	G7SQS	
PA5KT	MU0GSY	5B4ALJ	G8TTI	
SV2DCD	OK1IN	6K5XZE	IK5BSC	
TF3Y	ON5UE	9A2GA	IW0AFS	
UR7DWW	PP2RON	9K2NO	IZ0BTV	
	SK6QA	BV6CC	IZ2CSX	
9	VE2NGH	CO6CBF	IZ3DBA	
DL7BA	VR2XMT	DF3VG	IZ5FSA	
EB1EWE	W1ZR	DF8FT	JA1GZK	
EC7ZK	W2ZF	DK1CO	JA7DPC	
G6BFP	YL2CZ	EH4BPJ	JA7VXB	
HB9GWJ		ES8JX	JH8XVT	