

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 (07 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	W0JW	WD5COV	AE5B	465	455
AA0MZ	W0LGQ	XE2CQ	AF5CC	XE2K	K9MK
AA5AM	W3CP				WA9DU
AA5C	W4UDH	485	477	464	
AA7A	W5ADD	K9MU	KC7V	AJ4F	453
A15I	W5AFY	N0POH	N5KO	KB9OWD	K4YMQ
K0GU	W5AJ	W5VY	N7ZO		K7PI
K1TOL	W5EME	W5ZN	NC6K	463	KB9DAK
K4PI	W5FF			K4MY	
K4XO	W5KI	484	474	W5XC	452
K5RK	W5OZI	AD6D	K7KQA		N5BO
K5UR	W7GJ	K7BG	W6XK	462	N9BX
K5WE	W7JW			K6ZH	NE1B
K7CW	W7KNT	483	473	N6ORB	
K7ULS	W7MEM	AC0RA	N4TB		451
K8SIX	W9FF	K1USA	NQ7R	461	K5WBM
K9CT	W9JN	W0VTT	WB0O	N4JQQ	KD3CQ
KA9CFD	W9RM	W5TRL		NA9RB	
KA9FOX	W9XX	WB0ULX	472		450
KD5M	WD5K		A11K	460	KF8MY
KG5CCI	WQ5S	482	KB7ME	K4SO	
KM0A	WS9V	K0BJ	ND4X	KF0M	449
KM0T		KX4R	WD8JJA		KF6HI
KO9A	487		WE9R	459	W8TN
KR7O	K0SIX	481		N5NA	
KV5W	K1TO	KC7QY	470		448
N0LL	K7MAC	W9VHF	WO7R	458	KP4AJ
N0LWF	K9YY	WA7HQD		K9NW	W3LPL
N0PB	N0AKC		468	KG5THG	
N0TB	N7CW	480	VE3EK	N9BCA	447
N1AV	N7IR	K5GZR		NA6MG	AH0U
N3SL	N9ISN	N4WW	467		K3SX
N3XX	NA6L	XE2OR	N5EKO	457	KS7S
N5DG	W3IP		NY0V	K4HB	N2NL
N5OMG		479		NI0G	N4SC
N6JV	486	N5WS	466	W3UR	WB7CJO
N7NW	K0TPP	W5WVO	KA0JGH		
N9LB	K5ND	W9RN	KB6NAN	456	446
N9UM	KY7M		WB9CIF	N4QS	K1HTV
ND0B	N0KE	478	WX7M	N9PGG	K6EID
W0FY	N7KA	AD1C		W5THT	

445 K4XP KU7Z N4LR N8OC WB8ZBT XE2X	W9WO	416 K4RWP K7ND KO4MA NI0P	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF	WA5LFD
444 N7BAV	432 K6GXO N6KK	415 K5OMC K7AWB W0GJ	404 K8JH N2ZX VE4EAR W5SUM	391 AD5A W4AVY	379 AB9BH N8WNA W6TMD
443 AB4IQ K8ZM N4MM	431 K0TLM	414 K0DEQ N0GZ W4TV	403 NH6T/W4	390 KZ2I	378 WR7X
442 AG9S N2QT N4TL	429 K8ZR WA5JCI	413 AE5FM WA9LFO	402 K3FM K7SMA	389 AB4SF	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	428 K9APW	412 VE2XK 6M FN07R4CKS	401 K4CKS	388 K0IP W4WRL	376 K8GI K8VFX N2WK N3OC
440 W2IRT	427 K4ZOT W0RH	411 N9EAT NZ3M	400 W0JRP W3UUM	387 KV4T N4CH	375 K6QG WB4OQX
439 NM5U	426 N5OK W5JAY	410 KE7SW KE8KMX K18G N4HN	398 N8IEZ W1NG	386 N7IJ NN4R W5TFW W7AH WE4S	374 K0TT KV7K N6GP N7DB NY1V
437 K5RT KK4MA N5TJ	425 K6ML	409 AA1ON N1EVK N5SYV	396 K6VHF KB8U	385 NK1K VE6MB W4WTA	373 K4SSO
436 N4QWZ N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	384 K8ROK W7FI	372 JA7QVI
435 K5XI KF6A	423 AJ4A W4DR	407 W4AS W5CIA W5PR	394 AA5JF K2TER K6RO KT8O	383 K10E W5MO	371 N3PS WA6BYA
434 K1SIX K8ROX	422 VE6WQ WB5JID	406 AK3E K6FG K8EB KB0V N4UFO	393 K1GG K7XC KV7N	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V
433 W3LL	419 K7NN W0GN W5AL			381 AG4W W3VZ	369 KF8UN N2DPF
	417 NJ6D WW1L			380 K7MCX NE6I	

368 K0DD W5RCI W6GMT	355 KD5XB	N3RC N6KZ W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	N0YO W2JU W7YA	316 K3FN KA0ABA W4UCK W9BWR
367 AA4ZZ KC4HW KR4BD W7YAAQ	354 N3AIU (DM45)	341 KD7DCR N8HRZ NX7U WA7YAZ		326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	315 K5VH NY2NY XE1AO
366 KI7JA	353 AF2K K0CS	340 KE4TH N0AN	333 AA4LR K0TC KM4HI KN4NN N0IGZ W3GQ	325 WA2AEY WX0Z	314 KU4XO VE3XN
365 K4JJW K7XB KG7CW W4FC	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
364 AB5EB K0RAR N6QQ	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
363 W4NH	349 KA0BAD	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI	322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
362 W1JR WA5OLT	348 NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G	321 N0LD NC7B NS4C W9VA	
361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	346 N9XG W8LMG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V W4ER W9GKA WA7PDC		320 N4DW	310 K1ST N1NK W9KVR WO4DX
360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH			319 KF2T N7US	309 AA9RR
358 K5RLA K6EME KG8P NK0S	344 K6FW KB0PE N8LRG W1OW		328 K6ME N5PT W2CNS WB3LHD	318 W4HY	307 AG1A KE5K W3ATV W9RPM
357 K4LVV	343 AB4EJ K5EK		327 KJ5RC	317 KA8SYV W1SKU W3HDH	

306 K4QE WB00QV WV9L	297 JG1TSG KE8Y KG5EIU N8YQX N9LF	W4LTJ XE1YY	279 N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	WB7QBS
305 K3VAT K6UM (CM88) KT1J WA9M	296 K4XR K6YUI KC7RW	288 K1NU W1DU W4HLR	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	287 K8DP KC7MRQ N8CGY WA4NVM	277 AC7JM K5KEW PV8DX	268 K6OJ N9ZTS W0KAN WB9PNU	261 AF2F K3TWK KB8UJZ N3EW W6TCP
303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV W7IMC	285 AB0S K5CZD K9UO KK0DX	276 HC1BI K2CS K5TWJ K7TAB W9OO	267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	260 K6JAD N6HC NT7C XE1YD
302 KB2TGU N3KN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	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	283 N5OHL WA0FQK WB0CQO	274 KB1DMX WA8MCD	265 N5KS W7CT	258 AB5GU K1NJ K2HAT NA2NY WB7ECS
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 K0CAO KS4S W1WHL W2CCC	282 AA0ZP K0PG K5TA N8JCM W4WM	273 KM4H KV1J VE6SH	264 AC8L K4JAF N0TK NF1O	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/0
299 DK8NE VE6WK W1LE W8UV WB5GVY	290 JE1BMJ WA8EFK	281 AA8MA JR1LZK K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV	263 AK4PR K9AAA	
298 KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G	280 AD7OV N0KV NM5Z W1FKF	271 K7NII KB7FUV W3HHN W3SW		

256 JM1IGJ KL7NW N8ZJN	W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	K4MIJ K6HEW KF6GYM W9XT	WN6W	216 K7RB N0IS N6PM NE1F W1AW W5RWF
255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	247 JA1UAV N5DD W3TEF	238 AA3GM JP1LRT	230 K1ZE KO4MM VA3XJ WB0WAO/8	224 JA8ISU NJ8J	223 K7UA NJ7A
254 N7QOZ NR0Q VE3OTL WD5ITW	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	215 AL7OC K2SX KI5FJ N2YU N6KW
253 KG4ERR N2XQM	245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	214 KB9PJL VE3SYK WA7AJ
252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW KK8MM N7XCZ	213 K3DFL KI6X W0NBC
251 AD5JK KG7NV NN4SS W2LV	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT		219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
250 AA9LC KL0S NW6R	242 AE4WG K3WW KA3TCC	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q		211 K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP
249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ	241 N6NU W5LO		225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ W8AKS	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T
248 K1ZZ	240 KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 IT9IPQ K5FO N9NJY WA2OTC		217 ND4V W4DEE	209 AA4IB W5WGF

WA4NFO XE2N	WQ5W	K6VDP KG6WIK	WX9M	N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	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	186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	175 PV8BR
207 N1BCL N8NJA	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	193 K7PT K9AB	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
206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 N3KFB W4OEP WB0YEA	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY
205 AF4OD K8SD KE4HOA N5ITO W8QID	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	183 K5RQ N0UBL W2UDT	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC
204 LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD N9UA W1ATV W2OO WB0DBS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ
203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W	189 KC0MEA WA5VKS	181 AB9FN K4CMS K5HDE KB8YKR	176 AD5ZA EA5BY K0DI KX9X	170 K9TVG N4GBK N8CN NA2U W1MJC
202 K1BZ K5GJR WC7X WF8Z	195 AA4W JA7MSQ K2WJ	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q			

W4IHI	163	N3RN	VE3OAT	K5TDW	VA3FLF
W4JKC	K2JF	N9KO	W7APM	K6JRA	VE3KY
WK3V	K2YSY	VE7VDX		K8MN	W4GPM
	N5XZ		149	K8WU	W4TUN
169	162	155	AB6CF	N9DI	W6DQ
K6XC	AF4GK	AE4M	K4SAN	W5MPC	WA4KXY
KD5OMJ	K0QB	CT1BWU	KK9H	WO7GI	
N2BEG	KA1R	K3TD	W3UA	YV4NN	139
N5XES	KD4TDI	K6XN	WB4VHF		IZ8FFA
N7PHY	N5SIX	N5RMS		143	KC7JPC
VE3HHT	W9JJB	N7AU		K0KVR	KU0G
W8KNO	W9VS	N9OBE	148	K6JBH	N7T
	WA1Z	TG9ANF	AC0DQ	K9QFR	NA2AA
168	WB0WAO	VA3NQ	AG0A	KB8RJS	NZ6N
KG5ZMQ		WV8DX	K0RU	N8URE (FM19)	W4OV
KS9J	161	154	K7IU	NA1VT	WB2JIL
W2PD	K4EA	AE4NT	KB2YSI	W0HNM	WY0V
W8WEJ	KB3CWQ	KB9VMW	N0TM	W0UHL	
	KK9M	KD2NF	N1TOR	WB0MMC	138
167	N2YBB	KW4OV	N5ZBI	WM5H	AC0XY
K4MQG	V44KAI	W3ZQN	PV8AJ		AI6O
KB1YNT	VE3LC		W6VNI (CM88)	142	KD7WPJ
KB9REV	W4HOG	153	WB6RAB	N2ZA	KE0A
KE5EP	WA1LAD	AA4NC		NA2X	KE3D
N0NHW		AB4GG	147	NC4VA	KE8RO
NO0T	160	K7AD	AF6AV	W5SWV	KQ4KX
TG9ADQ	AB1QB	K7ZD	IZ1LBG	WA5TKU	N3XH
W1BAT	JA1AFR	N1OFZ	K6PSP	WS4V	
	K5IQ	N2ADV	KC1BUF		137
166		N2WM	VE3CX	141	N1SZ
I0WTD	159	N6DHZ	W4YCC	JA6RJK	N5JGK
JA1OVD	G0OIL	W3DQS	W5WOX	K4AR	SM7AED
KC2GHT	K4MZ	W5FI	WA0VPJ	K9ATX	
N5VU	NS7B	W9ILY	WA3YGQ	KT8TD	136
NC4RY	W1EME	WB5ZAM		N9FIV	K0XXX
VA3WEB	W4TTO		146	NV4B	K4SX
WB4KXS	WB8NUT	152	K2GW	W4FS	KC5LK
		AA6I	K8YTO	W4POT	KC9AXZ
165	158	N0RC	KB0YH	W6ZI	KJ5RM
K4DXT	K8CR	N1NUM	KB5ZEA	WB9WHQ	KV1E
KD5HPT	KI0D	NU1T	KC2TN	WR7AY	N7MB
N1JFU	N2CG	UT7QF	KM5TY		NO1R
N3FX		WO4G	N4HID	140	W2JCN
W0RIC	157		VA2RC	AC5DK	W4AVV
	K4FX	151	VE1VOX	BA4SI	W7UV
164	KB8GC	KO0Z		CO2WF	XE2JS
K2SD	KC2WUF	OE6IMD	145	K7SAM	
K5VWW	WA7NB	W1ZT	KD7YZ	KC0MEZ	135
KD0UHN		W2DXE	V31MD	KC8TMU	CU3EQ
KF9US	156		VA3TTX	KJ4KVC	K4MWB
W4CSW	K2KJ	150	WA4JA	N1EN	K8ZIZ
WK7G	K9OHI	N9LAH		N3VOP	LY3W
WQ7F			144	NJ0U	N4DB
			K0TLG		

N8XE	K8LG	WB4HUC	KC5UGX	118	KC4GCK
W6BXQ	KC4NX	YL2AO	N5HYV	J68AS	KG9Z
WB8BZK	NG9R		VE6PY	K4AZV	NF8M
WW2DX	NO8D	125	VE7JAC	KA4LBD	VE1WOW
XE1H	VE1DX	AA7DK	WD0GTU	KF6MXK	VE3IRR
	VE2TZT	K3PU		KI7BP	W2JLK
134	W0PHX	KC5DRI	121	KT8X	W2ZQ
AB1NS	W2LES	W2AJM	AE1P	KW4BY	W4ALF
AB4GE	W3FEY	W3UQH	K0MFI	N1QDQ	W4UFO
C6ABB	WA2SEI	W4DFU	K4HBI	N3JNX	WO2C
GM4UYE	WB4YDL	WA6POZ	K6USY	N5EIL	WX4US
KE5FXE	WW5W	WB4OMM	KB2WAL	W2AC / WB2ABK	
KF6UFO		WE1P	KB5MH	W2AC/WB2ABK 113	
N3AIU (DN70)	129		KE4JFS	WB2KSK	AB4PM
N8GOU	8P6ET	124	NE0P/9		AD5MD
W4TKI	JF4VZT	K0DLW	UR0MC	117	HB9BZA
WA3WZR	K0KD	KB0HH (EM06)	W8DN	AB5J	K3DQB
	K5QWO	KD5FTD	WB9TFH	K4WS	KD4BPZ
133	KC8KSK	KM1C		N4USG	KD6VCD
KA5ETS	KF4NEF	KT5MR	120	N5JEH*	KM5OL
KC1RET	KM5LY	N0SL	EA1YO	N5LPT	N3JDQ
KE1VT	KM5SC	N9AZZ	K2CYE	NA7L	N4YCI
KM8V	N9WBR	PV8AAS	K4AU	NU6V	N5YK
W0RT		W0PE	K4CGY	W6WE	W0BM
W4GE	128	W1TAM	KD0R	WA1TBV	W8MSP
WI5D	JR2LJO	W6SCQ	KD4MZM	XE2PXN	W8VW
WW7Q	KC7QAG	W7YM	KD5BRF		WD0ENC
XE2O	KJ6SDF	W9CDL	KE4SCY (FM06) 116		
	KN4DMN	WL7OU	N3YPJ	IK7EOT	112
132	N1SFE		VE1JC	K4RGN	EA4DEI
AB3CV	W0WT	123	VE3XK	KI6QDH	K2MLS
IC8TEM	W5ZO	AC7AF	WA6RAY	KU5B	K3GD
K5VG	W8FR	K9SM	WD4OHD	N0VR	K5WTA
KW4G	WB2WEO	KB0GT		NO0B	KA7T
N4PPH		KB0STN	119	W0DHB	N5HMH
N7TP	127	KG6DHQ	AE5AU		W1TR
N8IK	AA9RK	VE3TG	K0AWU	115	W5DQ
NE1I	K3GYK	W1HS	K1ZN	K9MMS	W6OAT
VE3TM	K7UV	W3SE	K2SQS	KE6TVM	W7IV
WN6K	K8AC	W4PRZ	K4MSG	KF0QS	W9PN
	K8OS	W5EWF	K7JIZ	KF9AF	WA8TWM
131	KB3OZC	W7MHW	KF7PCL	KM5FA	WG3K
JR1BAS	KB9TLV	W8BI	KP3V	N7VGO	WX3P
K3NAT	KC0RQH	W8KHP	KT0P	UW5ZM	XE1GK
KG9R	N6UTC	WA8WV	KW7N	VK9DX	
N2CJ	VE2JWH	WB2RVX	N4UPX	WA3BZT	111
TF3JB	W1FLD		W0QC	WC7V	N0SLT
	WA6BIL	122	W4SW		PC3T
130		K7AED	W7QQ	114	W8GBH
AB0X	126	K7OGW	WI4T	AC8HU	WZ8P
JA3LZS	KJ7G	KA9JAC	WM9M	K2RET	
K0GUR	N0BDS	KB4UF		K3RTU	110
K4JKB	N7DGI	KB5WFE		K9AAN	G4BWP

K5KR	KI9A	104	XE1RBV	W7ISG	KD4MWO
K7LD	KK4LUM	AB9YC		WB8IMY	KD6RUH
KD5J	N3TTT	AC5K	102	WD5IYT	KG9AP
KI0F	N9OI	AC5RN	AA9MY		KR4UA
KP4JRS	NF0T	AC9QR	AB8JH	100	M5MYH
KQ4LA	US0KW	IK4DRY	AD6KH	AC0FT	N4FV
KX5U	W2TTT	K5PPP	K0HAQ	AI2S	N7HRT
N5TIF	WB4PPW	KB9RNO	K3HW	AI9U	N7JPF
N5YM		KC1LXO	K9AM	K2UA	N7TE
W7JET	106	KC2TR	KA3ZLS	K4UQC	N8GHZ
W7UP	K0MEI	KD9GKL	KB8CR	K5GM	N8YV
	K5BJW	KJ7OG	KC6WFS	K5KV	N9MKC
109	K7BWH	KM6WXB	KC8DMN	K8IJ	NB5R
AK6ZZ	K7JE	KO4LZ	KD8NYO	K9CC	NH6CJ
IW1ARB	KB0TIJ	N0STP	KE1AU	KB9ZLB	NI5W
K2DSW	KC7ICM	N1LDY	KJ4M	KC2HLI	NS2P
K2JGL	KE5JXC	N2FBQ	KR5V	KC8CC	VE2HAY
K2OO	KJ6MBW	N3UPS	N1HOQ	KC9CMT	W2HOG
K5DNL	KK2DOG	N7AGF	VE7ZD	KD3SW	W2VU
K9GY	N0RQ	NJ1H	W4RVZ	KE5CVM	W5JLC
KE6GLA	N1USB	VE2PIJ	W5DPT	KF0Q	W6TJU
KJ6CA	N2IPH	W1TE	W5OV	KG5X	WA5TRX
KZ7N	N4CE	W1ZE	W7UT	KJ5OA	WB5NHX
N8TMW	N5FPW	W4KVS	W9NFL	N3TBB	WB7VVD
N9TTX	N5YHF	W6ZQ	WA8EQP	N4NIA	WK5X
VE3AAQ	N8HM	W9EBK	WB5FDP	N5RZK	WW2R (EL09)
W0YJT	N9XMU	W9MDB		N5XTR	
W1OP	VA3OKG	WB2VUO	101	N7EME	98
W4ZRZ	VE3AJY	WB8BZK/VE3	AE7V	N8COP	AC2RL
W5MPC/1	WB6VYH		K0IN	N8XS	AD8Y
W7RJR	WQ9F	103	K0SBV	VP2MRM	K0KC
WB6YIY		AA5CK	K0WJ	W2CH	K0UD
WB9W	105	AB0YM	K2NUD	W4/KL7GLL	K3IXD
	AC4Q	AB5SS	K5DWI	W4OZK	K3QIA
108	DS4EOI	K2OY	K5HX	W8BZY	K4OP
CF3VRQ	K4SJA	K4MVL	K7SYS	W9DQ	K5HOB
JA9IPF	K9MAL	K8ZEE	KB1JDX	WA5TLP	KA1EKR
JP7EIP	KB3JGS	KA1W	KB4KBS	WV9E	KE4LGL
K5OPB	KC0JYT	KB0FHP	KC6AWX		KG4YOU
N3MWQ	KC4KK	KB2SGX	KC8CSD	99	KG7E
VE3SUB	KF4DGS	KC9FFV	KG8WB	AB0SD	KJ2G
VE7IG	KJ7TH	KF0AIJ	KG9IL	AB3TM	KK0CQ
VY2RU	N4NQY	KF4DVG	KL2R	K0YO	KY0Q
W4AMP	N5SAN	KR4NO	KR4WM	K4KEW	N0JJQ
W4CRN	N7YY	N0YXE	KR7LD	K4WQ	N1JHJ
W5AAJ	NE9O	N1JIF	N1IX	K4ZO	N3LRP
W8EH	PU4JOE	NF6P	N4AOE	K5VPQ	N5TEY
W9VNE	VE3VRQ	NN2D	N8VEA	K7DD	N8AID
	W8MIL	VE7DXG	N9DVS	K7PAP	NO5X
107	W9RVG	W0TF	ON9CMR/W0	K9ZZE	NO8R
JA3EGE	WA4MYO	W3LEO	VA2LGQ	KA0ZEE	VA3VF
K5UIC		W6IT	W4LLP	KC2IEB	VE4XTZ
KF7PG		W6XU	W5KBD	KC6X	W2KRP

W6TE	AE4TQ	KD7WH	KC0AUJ	KC5TGT	N3GH
WA2FGK	AK4F	KD8DR	KC3AK	KC5TT	N4VN
WA3TLT	HB9EFK	KD9ZR	KD4VRZ	KC9TTR	N5QO
WB1GQR	K2CK	KF6XA	KE3WM	KC9UL	N6FD
WB2YDS	K2UF	KI0SK	KF0LA	KD0QG	N6RPM
WD0E	K2UNK	KW9U	KG4NLZ	KE6AZX	N7DED
WH6LR	K4EQH	N1XK	KU4JZ	KE6UMW	NS6E
WT5H	K5CRJ	N2SLO	KV3W	KE8RPJ	UT5JAJ
WV5Y	K8EMR	N2WLS	N0LNE	KE9V	W1PV
	K9OT	N3WAV	N0LP	KI0J	W2ACY
97	KA2NDX	N4ET	N2SU	KK7MNC	W2CVW
AB8M	KA3HED	N5BLY	N3JBH	N2BX	W3ACO
AJ9C	KB5GI	N5ENU	N3XBG	N2YTF	W3HZU
K0HB	KB8PNS	N5KI	N3YUG	N3AO	W4BP
K0JQZ	KC0HBP	N9IV	N5ZMP	N3ZBK	W4LIA
K0QEI	KD6PY	N9LJX	N6HY	N4GOA	W6NS
K0SH	KI5TE	PY2KP	N6MXU	N4YHC	W8JV
K0YQ	KM2O	VA3KS	N7NH	N7EGY	W9HBH
K3HZO (FN20)	KM5NU	VA3PZ	N7UN	N7JI	WA3JKB
K4GTR	KR4EE	VE3KZ	N8WWM	N7KSI	WA4EEZ
K4JQU	KS4V	VE3SPW	N9DD	NA9D	WM3O
K8XF	KT5RR	W4YZJ	N9UNX	VA3JFF	
KA2BSK	N0WVU	W5ADA	VA3MA	VA7QI	91
KA7EII	N2LID	W5CBF	VE3RX	VE3WMD	AA0CW
KC0YBM	N2VHZ	W5RCQ	VE5MX	VK5PJ	AD3Y
KD5CKP	N2XK	W7JWC	VE7AB	W0MHK	CO2WZ
KF4KSN	N8PAQ	W9SX	W2GR	W2VTV	K1UR
KM4NYI	N8YBY	WA2ONK	W3IPA	W3ZGD	K4SPA
KT5WB	NT2A	WA3I	W3TA	W4VG	K6YK
N1VMJ	NW5Q	WA4WR	W4LNG	W5DMT	K7HPN
N3UMA	NY2Z	WB2SIH	W5ODD	W5DWA	K8OI
N4BH	VE2DCP	WD8DOT	W5PUF	W7EIR	KB2YWU
N6MA	W1HMM	WS4S	W7NX	W7TRX	KB3IAI
N9APK	W3VHF	XE2AT	WA7LHZ	W9IFW	KB3NDS
N9IO	W4KK		WA9BXB	W9NED	KB4YKC
N9KY	W4TMR	94	WT9U	W9WI	KB7AZ
NK7C	W7JHS	AA4RP	WV7S	WA5ICA	KC5POV
NU0Y	WA3EEC	AB4VT		WB5CON	KC8LGL
NV3K	WB0M	AD1DX	93		KE1IU
VA3FIN	WB5KJE	AK8CW	AG2A	92	KE7RTB
W3QT	WP4LNY	HK4SAN	AG6CV	K1EY	KG4QWC
W4CWA		K0ARM	A18F	K5GDX	KI3O
W4DAS	95	K3BEE	K0IW	K5TDA	KI5BLU
W4ID	AB9AI	K3TUF	K1PTF	K7FU	KM7N
W7DN	AE0G	K4JRK	K1ZK	K7HKR	KM9I
WA6OSX	AE5EO	K4LDC	K2AK	K7UWR	KQ6K
WA9LEY	IK8YTA	K4NNX	K2MTS	KB0PQP	N3PPH
WB8RVK	K1PNQ	K8GT	K4DAM	KC4JNW	N3WCM
WB8ZTV	K4ED	K9DOG	K5TRI	KD4QMY	N6DW
WE8L	K8BB	K9SUL	K6RM	KE4WBO	N7CZ
	K8KFJ	KA2F	K7IP	KG4URP	N8DEZ
96	K8ME	KA9UVY	K7TRK	KR7X	NR4J
AD5OW	K8VD	KB7AK	KB0USF	N2SG	NU4N

OE9KFV	K5CX	N2ZN	N8TFD	K6JJ	W5TTY
VA2BBW	K5JAZ	N4CAG	NZ3O	K8SIA	W7AM
W2SUB	KA0MWA	N4GN	SV1RK	KB3HHA	
W4MLN	KF4TVL	N4KIN	VA3MDB	KB9LIE	79
W5KDA	KI0G	N4UC	VA7LM	KK7BV	K4RW
WB0NRV	KI4FW	N5VBK	VE7IRU	KU4WW	K5JBT
WB7X	KI4US	NS3X	W8IW	N5PD	KB4DSL
WC4V	KR4U	NT4TN	WA1PMA	N6KTH	KP4N
XE1GZU	KT3X	VE2VLJ	WB4GCS	SV2AEL	N2COP
	N2GZ	W2BZR	XE2AU	TG9AKH	N5YJZ
90	N5KAE	W3YX		W7USB	N9RC
AA0LM	N8YSZ	W4DL	85	WD6T	VE3CFK
AB4WL	N9RG	W4R XR	AC9GK	WD9IOK	W2GW
AB9DU	N9UDX	W7HDD	EI3IO	WI6Z	W2SKI
AF5BG	NE2U	WA2BTR	K1UU	XE1MM	WN0L
DL1SMA	VE3VCF	WA5MD	K4LRP		
JH4JNG	W0HRO	WK3N	KB3MXK	82	78
K1HC	W1HY	WV8O	KC0V	AD4IE	IZ8EDJ
K1KA	W2JEK	XE1SOV	KE4DRF	CB0ZA	K2QPN
K3CWF	W2OK		KK4AND	K3RJK	SP5QWB
K3UAL	W4ZMM	87	N2RJ	K4JMX	TG9AWS
K4AAP	W6VNQ	AC0A	N4LS	KA5WSS	W4NE
K4FTP	W9HT	AG4I	NJ1Q	KC5YKX	
K4XZ	WA7SDI	K4JC	VE3GFN	KG4KVZ	77
K8EAB	WB3IAL	K5UZ	VE7DAY	N1SF	K1IFJ
KA5TJI	WM6Y	K5WO	W1WV	PU8TEP	MI0AYR
KB5FHK	WQ5C	K6UIP	W3STU	W5DAS	
KB7BSA	WR5AY	KB1VUN	W4IT	W5DM	76
KK4DZP	XE2NL	KC8NAH	W4RA	W7YOZ	K0WYN
KW3DX	XE3DX	KE6WOX	W6ST	W8GG	K6MAA
N2ULL		KI6RRD	W7SIR	WA2ONG	KI4CYB
N4BRF	88	N0ELA	W8DQ		KI7WXP
N5BA	AA4QE	N2CJN	W9QY	81	N1GNB
N9JJ	AE0DX	NA5DX	WA4WKL	AB4I	N2MH/4
VA3XOV	AE4OF	NE5S	WD4LSS	DF3CB	
W9CPV	AF4MI	NI5F	WF4R	KE4DZU	75
W9CSY	K1RS	NN7RM		N6MM	G4RGK
WA2BEV	K3TN	W8GOC	84	N7NEV	K3PP
WA8OJR	K4XD	WB3IGR	CT3FT	NI4Y	K6VHF/HR9
WD9HCF	K7CTV	WB8JAY	K4EZY	W3MC	K8QM
WE7H	K7WV	WF4W	KE6NDG	WA4ZXV	N5GH
WEST SEATTLE	WZ1VEUR		N1KI	WA8ZNC	NP3YL
WH6LE	K9JF	86	N2NWS	XE1EE	W4LVH
WT4C	KB2KIR	AG1T	VE2WBK		W5UC
XE3/K5ENS	KC1GWX	K7FB	W8PU	80	WP4NEG
	KC3MLC	KA9OKH	W8SGR	AC6BW	ZL3AAU
	KE8UM	KB7JJG	ZS6NK	G4FKA	
89	KI2D	KI6HQT		K7FR	74
AB1TZ	KI4RFM	KN4MMH	83	KE4PT	AK8B
AG2AA	KJ4KW	KP4TB	AA6E	KR4Q	CX4AAJ
AG7NR	N0OK	KT1R	DL5XJ	KW1DX	KF2TI
G4NBS	N1CEO	N2NF	K1LH	N2NS	LU4FPZ
JQ1TIV	N2MKT	N3MVF	K4SQC	VY2HF	VE6SO
K4BMM					

VK4CZ WC6DX	N7UJJ OK1MP W4CCS	54 AG4KI	JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM13QC)	53 K0BBC PP1CZ	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH
72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU W0JM
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 HB9ALO K4DXA N6ZDH	50 N8MR	37 BA7NQ HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU	16 N6VHF SV8CKM TI2CDA
70 GI4SJQ K4BNC KC0ZR N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	25 EA4/K1WE	15 9K2BM E12GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C
69 K3WGR W1YM WD4LBR	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	35 GI4OWA LU9DO UR5WA	24 E12JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	34 G4SEU LA2QM	23 GM4ILS K4SLC WB8TGY (EN72)KP4EIT W8MK	13 K4WY PY2MC W4PWF
67 JG2TSL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 HB9RUZ WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)KP4EIT W8MK	22 9H1SP IZ3ENH OE3SGU	12 EA3GP
66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN K4ZIN	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	
65 JA1XEC K4IM K5EJ	55 LA3MHA WA2EMF	42 W0PR	31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	
		41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR		
		40 HA5PT			

F4ESV	G8APB	3	KEN IN NEBRASKA	87EXY
HB9DDZ	IZ0INX	DF1ZN	LA2CQ	SQ5NRY
IK2RPE	JA2NDQ	DJ5AV	OH3KAV	UN8G
JK1UNZ	LA3DV	DL2KQ	SV1XV	UR5EDX
JN1RQV	N5ORT	EA1AR	SV3FUO	VR2VGM
N1IW	NJ4Y	EA4D	YB2DX	WB7VUF
VE3LYC	UR5FEO	G3LHJ	YL2KF	YO8WW
ZS6WB	ZS4TX	HA9PP		
		HL2ZN	1	
11	6	IK0WRB	3A2MW	
A65BR	CT2FEY	IK8EPC	9A2EY	
DL2OE	DL1TRK	IW3GJF	AJ6T (EM66)	
EA4DAU	DU0A	J11CHH	BD4UJ	
EA4ZK	EI2JC	JM1GHT	CT1AHU	
G4CTY	JA7NGE	JN1BPM	DH8BQA	
IZ4GWE	PY2VA	JR6IQI	DJ3ZF	
JA2KVB		KC0Y	DL2DCX	
JA6QHJ	5	PY5IP	DL4ZAB	
PY2DV	DL5LH	SA7CJO	DS5DNO	
PY2GM	EA1AAA	SV1VN	DS5TOS	
	EA7ZY	W1CBY	EA3WD	
10	IK8GYS	WD9EWK (DM43)	EA4GQS	
DL4CF	J15USJ	YB1TJ	F1VEV	
HB9BOS	JJ1IDW	YL2CA	G4CFS	
J12UDK	KB8VAO	YL2MU	G4VSS	
PA5KT	M1VFN		G6MXL	
SV2DCD	MU0GSY	2	G7SQS	
TF3Y	OK1IN	5B4ALJ	G8TTI	
UR7DWW	ON5UE	6K5XZE	IK5BSC	
	PP2RON	9A2GA	IW0AFS	
9	SK6QA	9K2NO	IZ0BTV	
DL7BA	VE2NGH	BV6CC	IZ2CSX	
EB1EWE	VR2XMT	CO6CBF	IZ3DBA	
EC7ZK	W1ZR	DF3VG	IZ5FSA	
G6BFP	W2ZF	DF8FT	JA1GZK	
HB9GWJ	YL2CZ	DK1CO	JA7DPC	
IK3ITB		EH4BPJ	JA7VXB	
JA1MZL	4	ES8JX	JH8XVT	
JA2FGL	CT7/RC2A	F5TMJ	J11HNC	
JE1LFX	DD6UAH	G0THY	JJ1PFC	
KD3UY	EK/RX3DPK	G4DDL	JL2ULM	
S51NM	F1DFR	G8GNI	JN3ONX	
	GM4CFS	GI4ONL	KC3KJQ	
8	GM4KHE	IK1IYU	KG4JSZ	
DK2LO	IV3GOW	IK2GOQ	KH6WI	
JA1CPU	JG1JPE	IZ8XQC	KP4DER	
JE3PCP	JH7IMX	JA6AVT	MM0INH	
JJ2NWI	JH7IPR	JA6SZV	OK1UU	
N8RO	JK6DXD	JA9FAI	ON6NA	
OH8LXT	UT5EL	JH3MHI	OZ1IKY	
	VK4ZP	JP1HDK	PU5SVE	
7	XE1SAX	K4KZM	SM3GBA	
DH0GSU		K7LY	SM6LPG	