

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 (22 Apr 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	K0BJ	470	N9BCA
K7CW	W9RM	KX4R	WO7R	NA6MG
K7ULS	W9XX			
K8SIX	WD5K	481	468	457
K9CT	WQ5S	KC7QY	VE3EK	K4HB
KA9CFD	WS9V	W9VHF		N9PGG
KA9FOX		WA7HQD	467	NI0G
KD5M	487		N5EKO	W3UR
KG5CCI	K0SIX	480	NY0V	
KM0A	K1TO	K5GZR		456
KM0T	K7MAC	N4WW	466	N4QS
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	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	417 NJ6D WW1L	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF
446 K1HTV K6EID	433 W3LL W9WO	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	391 AD5A W4AVY
445 K4XP KU7Z N4LR N8OC WB8ZBT XE2X	432 K6GXO 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	W6GMT	353 AF2K K0CS	340 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	
378 WR7X	366 KI7JA	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW W4FC	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI
376 K8GI K8VFV N2WK N3OC	364 AB5EB K0RAR N6QQ	349 KA0BAD W8LMG	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
375 K6QG WB4OQX	363 W4NH	348 N1JFU NJ7G		
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	346 N9XG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD
373 K4SSO	361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	345 KB1EFS N0FJP VE7BV W3XY XE2YWH		
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	344 K6FW KB0PE N8LRG W1OW		327 KJ5RC N0YO W2JU W7YA
371 N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
370 K5TN KN4SM KS4YT N3MK NT0V	357 K4LVV		333 AA4LR K0TC KM4HI N0IGZ W3GQ	325 WA2AEY WX0Z
369 KF8UN N2DPF	355 KD5XB	341 KD7DCR N8HRZ NX7U WA7YAZ		324 HC2FG K9SH
368 K0DD W5RCI	354 N3AIU (DM45)			

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

VE6SH	W7CT	KD4MYE	248	W6RW
272	264	N5DTT	K1ZZ	W9YOY/M
KF8QL	AC8L	PY2XB	W6VFA	WA3SEE
KO4PRE	K4JAF	W0PPA	247	WB1FLD
N4SV	N0TK	WA2HFI/0	JA1UAV	238
271	NF1O	256	N5DD	AA3GM
K7NII	263	JM1IGJ	W3TEF	JP1LRT
KB7FUV	AK4PR	KL7NW	246	237
W3HHN	K9AAA	N8ZJN	K0DAS	K3KO
W3SW	WB7QBS	255	K8YC	236
270	262	K8MVZ	KK8X	K0SU
K4SPD	K3CWH	KG4JPL	N5TIT	K4NK
KC9FQD	K5VR	NI3K	W4FRA	N3FTI
N2LIV	KD8JSP	W4HFZ	WI7P	N9ATD
W4QK	N4ST	WA8KNE	245	W5AJX
W5DNT	ND4DX	254	N1IA	235
W7JY	WA0KBZ	N7QOZ	N3XF	ND0C
WZ9B	261	NR0Q	VA3CW	NN9X
269	AF2F	VE3OTL	244	VO1GO
K2IE	K3TWK	WD5ITW	K8DV	WB6RJH
K3ZO	KB8UUZ	253	N3AIU (FM08)	WT2P
KD5R	N3EW	KG4ERR	N4JRY	WZ9W
N5EPA	W6TCP	N2XQM	VA3ZV	234
N5WD	260	252	VE3VHB	KE6FCT
VA2CY	K6JAD	AB5A	W0VD	233
268	N6HC	CT1EEB	WD4IXD	K1AFC
K6OJ	NT7C	F4BKV	243	N5PA
KI0HA	XE1YD	K1ACL	JA1QJI	N9NJS
N9ZTS	259	K3NK	K3TC	VE7VZ
W0KAN	K1BD	N9ATF	W4EJ	W3DF
WB9PNU	KD4ADC	NN4RR	YV1DIG	W8PAT
267	KG6I	VE6NTT	242	W9TD
KB1HY	KN5O	251	AE4WG	XE1L
KG6EG	NS7K	AD5JK	K3WW	232
KX9N	NY1E	K9QJ	KA3TCC	IT9IPQ
N2AMC	VE6BMX	KG7NV	241	K5FO
N8EHW	W9TA	NN4SS	N6NU	N9NJY
W4FSO	WA4YA	W2LV	W5LO	WA2OTC
W5WP	258	250	240	231
W9DRB	AB5GU	AA9LC	KK4ZUU	AI9L
266	K1NJ	KL0S	KO6LU	K4MIJ
K1OA	K2HAT	NW6R	VA3HP	K6HEW
K1WVX	NA2NY	249	W1VT	KF6GYM
TG9AJR	WB7ECS	CT1IUA	WA2VJL	W9XT
VE3MSC	257	K7LOL	239	230
VE6TA (DO33)	K0CCM	K8AO	K9MQ	K1ZE
WB8EJN	K2KA	KQ5U	KF4LVF	KO4MM
265	K5QE	N1GC	MD0CCE	VA3XJ
N5KS		N5SMQ		

WB0WAO/8	KA1LMR KD4K WA2BOT	WA7AJ	W4EJG XE1J	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM
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	197 K3EGE N4BAF W3TW W5CTV
228 JM1SZY K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW KK8MM N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA	204 KO0Z LU2DX WA3DRC	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W
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	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK
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	194 K2MRK K3EA N3FA N9NFT WF1H WK8A
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	193 K7PT K9AB KD2NF
224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF	208 AI2N CO8DM KD5HIO PV8ABC	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN
223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW	207 N1BCL N8NJA	199 N3KFV W4OEP WB0YEA	191 K0ITC K9CS
222 K0YY K2TV K3AJ	214 KB9PJJ KC7OD VE3SYK	206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE		

KK6OH	N4BG	W1MAD	KC5YCH	164
N9AMW		WY7FD	KI4TZ	K2SD
WA2BKN	183		NS3L	K5VWW
WA5CAM	K5RQ	177	W1PX	KD0UHN
WD4JHD	N0UBL	AG4ZE	W6IA	KF9US
	W2UDT	K2QQ	WA2KBZ	W4CSW
190		KI4BWW		WK7G
K5DB	182	NY4I	170	WQ7F
K5ER	AJ6T CM87	SM7FJE	K9TVG	
KC2DLD	FP/KV1J	W5ZG	N4GBK	163
KN4PPD	K5GMX	WA8UEG	N8CN	K2JF
N9UA	K8WK		NA2U	K2YSY
W1ATV	NZ1I	176	W1MJC	N5XZ
W2OO	W9JJ	AD5ZA	W4IHI	
WB0DBS	XE1CL	EA5BY	W4JKC	162
		K0DI	WK3V	AF4GK
189	181	KX9X		K0QB
KC0MEA	AB9FN	N5QGH	169	KA1R
WA5VKS	K4CMS	N9ARX	K6XC	KD4TDI
	K5HDE	NP4BM	KD5OMJ	N5SIX
188	KB8YKR	W5AFD	N2BEG	W9JJB
AD7KI	N3XJX	WA5IPS	N5XES	W9VS
KD4HLG	N4DTF	WW2R	N7PHY	WA1Z
W4AZR	N9MSG		VE3HHT	WB0WAO
WA7VHF	NY0A	175	W8KNO	
WA7VHF	W4RBO	PV8BR		161
WU9Q	W9BS			K4EA
WX9M	WJ1B	174	168	KB3CWQ
		K3MD	KG5ZMQ	KK9M
187	180	K6WRL	KS9J	N2YBB
AA8R	K0OST	KC0IYT	W2PD	V44KAI
KQ0J	K4LYN	KC6ZWT	W8WEJ	VE3LC
	KC1MMC	KG7P		W4HOG
186	N1RK	KU0A	167	WA1LAD
DJ5FI	N6PEQ	N1MGO	K4MQG	
K6ZZ	N6VH	NA2NY (ex-NA1VT)	KB1YNT	160
K8PT	W5HI	NA6O	KB9REV	AB1QB
K9SG		W3SO	KE5EP	JA1AFR
KN7K	179	WA2PNI	N0NHW	K5IQ
KN7K	K1EP		NO0T	
N0XLR	KU4WD	173	TG9ADQ	159
N6ZE	N0LIE	K2ZZ	W1BAT	G0OIL
	N0MMA	K5YPV		K4MZ
185	NH7RO	KE4SCY	166	NS7B
AD6W	VA3DPB		I0WTD	W1EME
KD5BQT	W8LHP	172	JA1OVD	W4TTO
KU4UC	WA4QMQ	AB9KZ	KC2GHT	WB8NUT
NA2R		K5ZED	N5VU	
PY5CC	178	KI4PKW	NC4RY	158
W3OU	KA2AYR	KJ6HI	VA3WEB	K8CR
W5BPT	KB0EO	VE2PN	WB4KXS	KI0D
XE1R	KB1RZA	W4ABC		N2CG
	KG5RJ		165	
184	N1ZUK	171	K4DXT	157
4O3A	NQ2O	AA4PB	KD5HPT	K4FX
AF5Q	VE3NRT	HP2AT	N3FX	KB8GC
K0DEW	W0ZY	KC5GSK	W0RIC	KC2WUF
KR4M				
N1IBM				

WA7NB	VE3OAT	N9DI	139	KE5FXE
	W7APM	W5MPC	IZ8FFA	KF6UFO
156		WO7GI	KC7JPC	N3AIU (DN70)
K2KJ	149	YV4NN	KU0G	N8GOU
K9OHI	AB6CF		N7T	W4TKI
N3RN	K4SAN	143	NA2AA	WA3WZR
N9KO	KK9H	K0KVR	NZ6N	
VE7VDX	W3UA	K6JBH	W4OV	133
	WB4VHF	K9QFR	WB2JIL	KA5ETS
		KB8RJS	WY0V	KC1RET
155		N8URE (FM19)		KE1VT
AE4M	148	NA1VT	138	KM8V
CT1BWU	AC0DQ	W0HNM	AC0XY	W0RT
K3TD	AG0A	W0UHL	AI6O	W4GE
K6XN	K0RU	WB0MMC	KD7WPJ	WI5D
N5RMS	K7IU	WM5H	KE0A	WW7Q
N7AU	KB2YSI		KE3D	XE2O
N9OBE	N0TM		KE8RO	
TG9ANF	N1TOR	142	KQ4KX	132
VA3NQ	N5ZBI	N2ZA	N3XH	AB3CV
WV8DX	PV8AJ	NA2X		IC8TEM
	W6VNVQ (CM88)	NC4VA		K5VG
	WB6RAB	W5SWV	137	KW4G
154		WA5TKU	N1SZ	N4PPH
AE4NT		WS4V	N5JGK	N7TP
KB9VMW	147		SM7AED	N8IK
KW4OV	AF6AV	141		NE1I
W3ZQN	IZ1LBG	JA6RJK	136	VE3TM
	K6PSP	K4AR	K0XXX	WN6K
153	KC1BUF	K9ATX	K4SX	
AA4NC	VE3CX	KT8TD	KC5LK	131
AB4GG	W4YCC	N9FIV	KC9AXZ	JR1BAS
K7AD	W5WOX	NV4B	KJ5RM	K3NAT
K7ZD	WA0VPJ	W4FS	KV1E	KG9R
N1OFZ	WA3YGQ	W4POT	NO1R	N2CJ
N2ADV		W6ZI	W2JCN	TF3JB
N2WM	146	WB9WHQ	W4AVV	
N6DHZ	K2GW	WR7AY	W7UV	130
W3DQS	K8YTO		XE2JS	AB0X
W5FI	KB0YH	140		JA3LZS
W9ILY	KB5ZEA	AC5DK	135	K0GUR
WB5ZAM	KC2TN	BA4SI	CU3EQ	K4JKB
	KM5TY	CO2WF	K4MWB	K8LG
152	N4HID	K7SAM	K8ZIZ	KC4NX
AA6I	VA2RC	KC0MEZ	LY3W	NG9R
N0RC	VE1VOX	KC8TMU	N4DB	NO8D
N1NUM		KJ4KVC	N8XE	VE1DX
NU1T	145	N1EN	W6BXQ	VE2TZT
UT7QF	KD7YZ	N3VOP	WB8BZK	W0PHX
WO4G	V31MD	NJ0U	WW2DX	W2LES
	VA3TTX	VA3FLF	XE1H	W3FEY
151	WA4JA	VE3KY		WA2SEI
OE6IMD		W4GPM	134	WB4YDL
W1ZT	144	W4TUN	AB1NS	WW5W
W2DXE	K0TLG	W6DQ	AB4GE	
	K5TDW	WA4KXY	AD4TT	129
150	K6JRA		C6ABB	8P6ET
KW4BY	K8MN		GM4UYE	
N9LAH	K8WU			

JF4VZT	KT5MR	K4AU	116	K3GD
K0KD	N0SL	K4CGY	IK7EOT	K5WTA
K5QWO	N9AZZ	KD0R	K4RGN	KA7T
KC8KSK	PV8AAS	KD4MZM	KI6QDH	N5HMH
KF4NEF	W0PE	KD5BRF	KU5B	W1TR
KM5LY	W1TAM	KE4SCY (FM06)	N0VR	W5DQ
KM5SC	W6SCQ	N3YPJ	NO0B	W6OAT
N9WBR	W7YM	VE1JC	W0DHB	W7IV
128	W9CDL	VE3XK	115	W9PN
JR2LJO	WL7OU	WA6RAY	K9MMS	WA8TWM
KC7QAG	123	WD4OHD	KE6TVM	WG3K
KJ6SDF	AC7AF	119	KF0QS	WX3P
KN4DMN	K9SM	AE5AU	KF9AF	XE1GK
N1SFE	KB0GT	K0AWU	KM5FA	111
W0WT	KB0STN	K1ZN	N7VGO	N0SLT
W5ZO	KG6DHQ	K2SQS	UW5ZM	PC3T
W8FR	VE3TG	K4MSG	VK9DX	W8GBH
WB2WEO	W1HS	K7JIZ	WA3BZT	WZ8P
127	W3DIY	KF7PCL	WC7V	110
AA9RK	W3SE	KP3V	114	G4BWP
K3GYK	W4PRZ	KT0P	AC8HU	K5KR
K7UV	W5EWF	KW7N	K2RET	K7LD
K8AC	W7MHW	N4UPX	K3RTU	KD5J
K8OS	W8BI	W0QC	K9AAN	KI0F
KB3OZC	W8KHP	W4SW	KC4GCK	KP4JRS
KB9TLV	WA8WV	W7QQ	KG9Z	KQ4LA
KC0RQH	WB2RVX	WI4T	NF8M	KX5U
N6UTC	122	WM9M	VE1WOW	N5TIF
VE2JWH	K7AED	118	VE3IRR	N5YM
W1FLD	K7OGW	J68AS	W2JLK	W7JET
WA6BIL	KA9JAC	K4AZV	W2ZQ	W7UP
126	KB4UF	KA4LBD	W4ALF	109
KJ7G	KB5WFE	KF6MXK	W4UFO	AK6ZZ
N0BDS	KC5UGX	KI7BP	WO2C	IW1ARB
N7DGI	N5HYV	KT8X	WX4US	K2DSW
WB4HUC	VE6PY	N1QDQ	113	K2JGL
YL2AO	VE7JAC	N3JNX	AB4PM	K2OO
125	WD0GTY	N5EIL	AD5MD	K5DNL
AA7DK	121	W2AC / WB2ABK	HB9BZA	K9GY
K3PU	AE1P	W2AC/WB2ABK	K3DQB	KE6GLA
KC5DRI	K0MFI	WB2KSK	KD4BPZ	KJ6CA
W2AJM	K4HBI	117	KD6VCD	KZ7N
W3UQH	K6USY	AB5J	KM5OL	N8TMW
W4DFU	KB2WAL	K4WS	N3JDQ	N9TTX
WA6POZ	KB5MH	N4USG	N4YCI	VE3AAQ
WB4OMM	KE4JFS	N5JEH*	N5YK	W0YJT
WE1P	NE0P/9	N5LPT	W0BM	W1OP
124	UR0MC	NA7L	W8MSP	W4ZRZ
K0DLW	W8DN	NU6V	W8VW	W5MPC/1
KB0HH (EM06)	WB9TFH	W6WE	WD0ENC	W7RJR
KD5FTD	120	WA1TBV	112	WB6YIY
KM1C	EA1YO	XE2PXN	EA4DEI	WB9W
	K2CYE		K2MLS	

108	KC0JYT	KR4NO	N1IX	K9ZZE
CF3VRQ	KC4KK	N0YXE	N4AOE	KA0ZEE
JA9IPF	KF4DGS	N1JIF	N8VEA	KC2IEB
JP7EIP	KJ7TH	NF6P	N9DVS	KC6X
K5OPB	N4NQY	NN2D	ON9CMR/W0	KD4MWO
N3MWQ	N5SAN	VE7DXG	VA2LGQ	KD6RUH
VE3SUB	N7YY	W0TF	W4LLP	KG9AP
VE7IG	NE9O	W3LEO	W5KBD	KR4UA
VY2RU	PU4JOE	W6IT	W7ISG	M5MYH
W4AMP	VE3VRQ	W6XU	WB8IMY	N4FV
W4CRN	W8MIL	XE1RBV	WD5IYT	N7HRT
W5AAJ	W9RVG			N7JPF
W8EH	WA4MYO			N7TE
W9VNE				N8GHZ
	104	102	100	N8YV
107	AB9YC	AA9MY	AC0FT	N9MKC
JA3EGE	AC5K	AB8JH	AI2S	NB5R
K5UIC	AC5RN	AD6KH	AI9U	NH6CJ
KF7PG	AC9QR	HB9EFK	K2UA	NI5W
KI9A	IK4DRY	K0HAQ	K4UQC	NS2P
KK4LUM	K5PPP	K3HW	K5GM	VE2HAY
N3TTT	KB9RNO	K9AM	K5KV	W2HOG
N9OI	KC1LXO	KA3ZLS	K8IJ	W2VU
NF0T	KC2TR	KB8CR	K9CC	W5JLC
US0KW	KD9GKL	KC6WFS	KB9ZLB	W6TJU
W2TTT	KJ7OG	KC8DMN	KC2HLI	WA5TRX
WB4PPW	KM6WXB	KD8NYO	KC8CC	WB5NHX
	KO4LZ	KE1AU	KC9CMT	WB7VVD
106	N0STP	KJ4M	KD3SW	WK5X
K0MEI	N1LDY	KR5V	KE5CVM	WW2R (EL09)
K5BJW	N2FBQ	N1HOQ	KF0Q	
K7BWH	N3UPS	VE7ZD	KG5X	98
K7JE	N7AGF	W4RVZ	KJ5OA	AC2RL
KB0TIJ	NJ1H	W5DPT	N3TBB	AD8Y
KC7ICM	VE2PIJ	W5OV	N4NIA	K0KC
KE5JXC	W1TE	W7UT	N5RZK	K0UD
KJ6MBW	W1ZE	W9NFL	N5XTR	K3IXD
KK2DOG	W4KVS	WA4IOB	N7EME	K3QIA
N0RQ	W6ZQ	WA8EQP	N8COP	K4OP
N1USB	W9EBK	WB5FDP	N8XS	K5HOB
N2IPH	W9MDB	101	VP2MRM	KA1EKR
N4CE	WB2VUO	AE7V	W2CH	KE4LGL
N5FPW	WB8BZK/VE3	K0IN	W4/KL7GLL	KG4YOU
N5YHF		K0SBV	W4OZK	KG7E
N8HM	103	K0WJ	W8BZY	KJ2G
N9XMU	AA5CK	K2NUD	W9DQ	KK0CQ
VA3OKG	AB0YM	K5DWI	WA5TLP	KY0Q
VE3AJY	AB5SS	K5HX	WV9E	N0JJQ
WB6VYH	K2OY	K7SYS		N1JHJ
WQ9F	K4MVL	KB1JDX	99	N3LRP
	K8ZEE	KB4KBS	AB0SD	N5TEY
105	KA1W	KC6AWX	AB3TM	N8AID
AC4Q	KB0FHP	KC8CSD	K0YO	NO5X
DS4EOI	KB2SGX	KG8WB	K4KEW	NO8R
K4SJA	KC9FFV	KG9IL	K4WQ	VA3VF
K9MAL	KF0AIJ	KL2R	K4ZO	VE4XTZ
KB3JGS	KF4DVG	KR4WM	K5VPQ	W2KRP
		KR7LD	K7DD	
			K7PAP	

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
AK4F	N1XK	N2SU	N3ZBK	WA3JKB
K2CK	N2SLO	N3JBH	N4GOA	WA4EEZ
K2UF	N2WLS	N3XBG	N4YHC	WM3O

91	KB5FHK	88	NE5S	84
AA0CW	KB7BSA	AA4QE	NI5F	CT3FT
AD3Y	KK4DZP	AE0DX	NN7RM	K4EZY
CO2WZ	KW3DX	AE4OF	W8GOC	KE6NDG
K1UR	N2ULL	AF4MI	WB3IGR	N1KI
K4SPA	N4BRF	K1RS	WB8JAY	N2NWS
K6YK	N5BA	K3TN	WF4W	VE2WBK
K7HPN	N9JJ	K4XD		W8PU
K8OI	VA3XOV	K7CTV	86	W8SGR
KB2YWU	W9CPV	K7WV	AG1T	ZS6NK
KB3IAI	W9CSY	K7ZYV	K7FB	
KB3NDS	WA2BEV	K9JF	KA9OKH	83
KB4YKC	WA8OJR	KB2KIR	KB7JJG	AA6E
KB7AZ	WD9HCF	KC1GWX	KI6HQT	DL5XJ
KC5POV	WE7H	KC3MLC	KN4MMH	K1LH
KC8LGL	WEST SEATTLE WA	WA8EJVR	KP4TB	K4SQC
KE1IU	WH6LE	KI2D	KT1R	K6JJ
KE7RTB	WT4C	KI4RFM	N2NF	K8SIA
KG4QWC	XE3/K5ENS	KJ4KW	N3MVF	KB3HHA
KI3O		KU4S	N8TFD	KB9LIE
KI5BLU	89	N0OK	NZ3O	KK7BV
KM7N	AB1TZ	N1CEO	SV1RK	KU4WW
KM9I	AG2AA	N2MKT	VA3MDB	N5PD
KQ6K	AG7NR	N2ZN	VA7LM	N6KTH
N3PPH	G4NBS	N4CAG	VE7IRU	SV2AEL
N3WCM	JQ1TIV	N4GN	W8IW	TG9AKH
N6DW	K4BMM	N4KIN	WA1PMA	W7USB
N7CZ	K5CX	N4UC	WB4GCS	WD6T
N8DEZ	K5JAZ	N5VBK	XE2AU	WD9IOK
NR4J	KA0MWA	NS3X		WI6Z
NU4N	KF4TVL	NT4TN	85	XE1MM
OE9KFV	KI0G	VE2VLJ	AC9GK	
VA2BBW	KI4FW	W2BZR	EI3IO	82
W2SUB	KI4US	W3YX	K1UU	AD4IE
W4MLN	KR4U	W4DL	K4LRP	CB0ZA
W5KDA	KT3X	W4RXR	KB3MXK	K3RJK
WB0NRV	N2GZ	W7HDD	KC0V	K4JMX
WB7X	N5KAE	WA2BTR	KE4DRF	KA5WSS
WC4V	N8YSZ	WA5MD	KK4AND	KC5YKX
XE1GZU	N9RG	WK3N	N2RJ	KG4KVZ
	N9UDX	WV8O	N4LS	N1SF
90	NE2U	XE1SOV	NJ1Q	PU8TEP
AA0LM	VE3VCF		VE3GFN	W5DAS
AB4WL	W0HRO	87	VE7DAY	W5DM
AB9DU	W1HY	AC0A	W1WV	W7YOZ
AF5BG	W2JEK	AG4I	W3STU	W8GG
DL1SMA	W2OK	K4JC	W4IT	WA2ONG
JH4JNG	W4ZMM	K5UZ	W4RA	
K1HC	W6VNO	K5WO	W6ST	81
K1KA	W9HT	K6UIP	W7SIR	AB4I
K3CWF	WA7SDI	KB1VUN	W8DQ	DF3CB
K3UAL	WB3IAL	KC8NAH	W9QY	KE4DZU
K4AAP	WM6Y	KE6WOX	WA4WKL	N6MM
K4FTP	WQ5C	KI6RRD	WD4LSS	N7NEV
K4XZ	WR5AY	N0ELA	WF4R	NI4Y
K8EAB	XE2NL	N2CJN		W3MC
KA5TJI	XE3DX	NA5DX		WA4ZXV

WA8ZNC XE1EE	ZL3AAU	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	39 AA5PK YL2JZ
80 AC6BW G4FKA K7FR KE4PT KR4Q KW1DX N2NS VY2HF W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	64 K3BQ WD5GRW (EM13QQ)	53 K0BBC PP1CZ	38 DD3KF DG7RO DU1EV K8YSE
79 K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	37 BA7NQ HL4CJG JA9APS JH9DRL
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	62 HB9ALO K4DXA N6ZDH	50 N8MR	36 JA1WSK
77 K1IFJ MI0AYR	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R K15KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJJ K4BNC KC0ZR N6GEO W2QO W4GP	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG	69 K3WGR W1YM WD4LBR	58 KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
	68 AA4S EH7CD K6CF KJ7TEA	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 HB9RUZ WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
	67 JG2TSL W7YED	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN K4ZIN	31 K7TM
	66 K6KLY KK4YEL UX1UA	55 LA3MHA WA2EMF	42 W0PR	30 E72X JL3LSF JO7WXN LA6OP WA6DNR
			41 E75AA N6PAZ	29 HL2WA OE4VIE SP5APW
			40 HA5PT JF1LMB JR0QFA WB8TGY	28 CT8/K0RUI JA6CRP

K0FMI OH3DP	HL4GAV KJ4EU W0HBH	JA2KVB JA6QHQ PY2DV PY2GM	EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VFN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	YL2CA YL2MU
27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU W0JM	10 DL4CF HB9BOS JH8RZJ JI2UDK PA5KT SV2DCD TF3Y UR7DWW		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		4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS GM4KHE IV3GOW JG1JPE JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX	
25 EA4/K1WE		9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM		
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	
22 9H1SP IZ3ENH OE3SGU				
21 EA1YN	13 K4WY PY2MC W4PWF	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX		
20 CX1FK I1FQH JM1KVW N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE PY2VA		1 3A2MW 9A2EY AJ6T (EM66) BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB DS5DNO DS5TOS EA3WD EA4GQS F1VEV G4CFS G4VSS G6MXL G7SQS
19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE	5 DL5LH		
18 AJ6V				

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