

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 (27 Jun 2025). 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	W5AFY	483	473	XE2K
AA0MZ	W5AJ	AC0RA	N4TB	
AA5AM	W5FF	K1USA	NQ7R	458
AA5C	W5KI	W0VTT	WB0O	K9NW
AA7A	W5OZI	W5TRL		KG5THG
AI5I	W7GJ	XE2CQ	472	N9BCA
K0GU	W7JW		AI1K	
K1TOL	W7KNT	482	KB7ME	456
K4PI	W7MEM	AD6D	N7ZO	N4JQQ
K4XO	W9FF	K7BG	WD8JJA	
K5RK	W9JN	KM0T		454
K5UR	W9RM	KX4R	470	KB8VAO
K5WE	W9XX		WO7R	
K7CW	WD5K	481		453
K7ULS	WQ5S	W9VHF	467	K4YMQ
K8SIX	WS9V		AD1C	W3UR
K9CT		480	N5EKO	
KA9CFD	487	K5GZR	W5EME	452
KA9FOX	K1TO	WA7HQD		N5BO
KD5M	K7MAC	WB0ULX	466	N9BX
KG5CCI	K7TM	XE2OR	KA0JGH	
KM0A	K9YY		KB6NAN	450
KO9A	N0AKC	479	ND4X	AJ4F
KR7O	N7CW	N5WS	WB9CIF	W5THT
KV5W	N7IR	W5WVO	WX7M	
N0LL	N9ISN			449
N0LWF	NA6L	478	465	KF6HI
N0PB		AE5B	WE9R	W8TN
N0TB	486	AF5CC		
N1AV	K0SIX		464	448
N3SL	KY7M	477	KB9OWD	W3LPL
N3XX	N0KE	K0BJ		W5XC
N5DG	W3IP	NC6K	463	
N5OMG	WD5COV	W9RN	VE3EK	447
N6JV				K4HB
N7NW	485	476	462	KS7S
N9LB	K0TPP	KC7QY	K6ZH	N4SC
N9UM	K5ND	KC7V	N6ORB	NE1B
ND0B	K9MU			
W0FY	N0POH	475	461	446
W0JW		N4WW	NA9RB	K6EID
W0LGQ	484	N5KO		N4QS
W3CP	N7KA		459	NV4B
W4UDH	W5VY	474	K4MY	
W5ADD	W5ZN	W6XK	K4SO	

445 K7PI KU7Z N5NA N8OC NY0V	433 NA6MG W3LL W9WO	419 K7NN W0GN W5AL	402 K3FM	N4CH
444 N7BAV N9PGG NI0G W4DR	432 K6GXO N6KK	416 K4RWP K7ND KO4MA	401 K4CKS NJ6D	386 N7IJ NN4R W5TFW W7AH WE4S
443 AB4IQ K4XP N4MM	431 K0TLM K8ZM WA1EAZ	415 K5OMC K7AWB W0GJ	400 W0JRP W0RH W3UUM	385 NK1K VE6MB W4WTA
442 KP4AJ WB7CJO	430 K1TEO KF8MY N5SYV N5TJ	414 K0DEQ K7KQA	398 K7SMA N8IEZ W1NG W5JAY	384 AB4SF K1GG K8ROK
441 K8TB KD3CQ	429 N4QWZ WA5JCI	413 WA9LFO	397 K5RT	382 K5PI VE3YXO
440 AG9S KB9DAK N4TL W2IRT	428 K9APW N2NL XE2X	411 N9EAT	396 K6VHF KB8U	381 W3VZ
439 K3SX WA9DU WB8ZBT	427 N4LR NM5U	410 KE7SW KE8KMX KI8G N4HN	395 AA5XE K0AZ K5WBM KF7CQ	380 K7MCX NE6I WA5LFD
438 K1HTV K9MK N2QT	426 K4ZOT K8ZR N5OK	408 W7BA WW1L	393 K7XC W4TV	379 KZ2I N8WNA W6TMD
436 AH0U N9FN W3TC WB8ART	425 K6ML	407 W4AS W5CIA	392 AF4HX N4UFO W6OMF	378 AG4W WR7X
435 K9KLD KF6A	424 N4UFP N9AKR W3EP	406 AK3E K6FG VE2XK 6M FN07PJW4AVY	391 N1EVK	376 AA5JF K8GI K8VFV N2WK N3OC W7FI
434 K1SIX K8ROX KF0M	423 AJ4A WB8BPU	405 AA4SC K3FRK K5CKS	389 K8JH NE9U	375 K6QG WB4OQX
	422 VE6WQ WB5JID	404 N2ZX VE4EAR	388 AE5FM K0IP W4WRL	374 AB1OC KV7K N6GP N7DB
	420 KK4MA VE3LYC	403 NH6T/W4 W5PR	387 AA1ON K2TER KV4T	

373 K4SSO	N1KDO N7MB N8KOL	XE2YWH	K5FZ K9QVB KB4MRX	N0YO W2JU
372 W5MO	NG4C NI0P	344 AC9DX K6FW KB0PE	N3PS W9GKA	326 K2ZD K6LMN K6TDI
371 JA7QVI WA6BYA	360 AA4FF K6UM (CN85)	KG8P N9XG W1OW	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	NG7M VE1JBC W7JLC WF7T
370 K5TN KN4SM KS4YT N3MK NT0V NT9E	358 K5RLA	343 AB4EJ K5EK N3RC	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	325 WA2AEY WB4KTF
369 KF8UN N2DPF	357 K4LVV	341 K5XI KB1EFS KD5XB KD7DCR NX7U WA7YAZ	332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG
368 KB0V W5RCI W6GMT	356 NY1V	340 K0RAR KE4TH N0AN	331 K8WDA KC0UDO N4MW VE7BV	323 N8II W4MAY W8KEN
367 AA4ZZ KC4HW KI0E KR4BD W7YAQ	355 AB9BH	339 KE4BKL NK0S VA7FC W5VAS	330 KB8MBC KG6AY W8PI	322 VA6SZ
366 KI7JA	353 AF2K K0CS K8EB	338 VE3SXE WA5KBH	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WX4G	321 NC7B NS4C W2HRO W9VA
365 K4JJW K7XB KG7CW WB4EVH	352 NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	337 K0DD K8ZES NU6S W9EWZ WA5RT WW0E	328 K6ME N5PT W2CNS WB3LHD	320 K0VG N4DW
364 AB5EB N6QQ	351 AA4FL K5DTC	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	319 N7US W4ER	318 AK0MR N3ALN W4HY
363 W4NH	350 N6VI N8YO	335 K5FUV	317 KA8SYV W1SKU WA7PDC WO2T	
362 W1JR WA5OLT	349 KA0BAD			
361 K8BL K9NR	348 AD5A			
	347 KT8O			
	346 W8LMG			
	345 W3XY			

316 K3FN KA0ABA W4UCK W9BWR	WV9L XE1AO	N8YQX N9LF	WA8ZID	PV8DX
315 K5VH NY2NY	305 K6UM (CM88) KF2T KT1J WA9M	296 K4XR K6YUI KC7RW	285 K5CZD K9UO WA4HFN	276 K2CS K5TWJ K7TAB W9OO
314 KU4XO	304 K6IPF W4FC WA0GUD	295 JG1TSG KE4P N7NT	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK
313 K0TC N2ZZ N6NR NF4A W4GLV W5RKN WA1NLG	303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV	283 WA0FQK WB0CQO	274 KB1DMX XE1YY
312 AF6O K1GJQ KA2GOJ	302 KB2TGU N3KN W3TI	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K5TA KE8Y N0GZ N8JCM W4WM	273 K2BLA KM4H KV1J
311 AC9S KM3T KS4XQ W2BZY W5DB	301 KF9UG N0HJZ W7IB W9OBG WB0TVY	292 KJ6P W1SSN	281 K4OY NL7CO W2YE	272 K0PG KO4PRE
310 AA8SW N1NK NJ7G W9KVR WO4DX	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	291 K1ST KS4S W1WHL W2CCC	280 K2UU N0KV NM5Z	271 K7NII KB7FUV KM3V W3HHN
309 AA4LR VE3XN	299 N9JR VE6WK W1LE W5SUM W8UV WB5GVY	290 JE1BMJ W3HDH WA8EFK	279 AA8MA N3JPU W0VHF (EL87) W8GJ WA4NVM XE1FAS	270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT W7JY WZ9B
307 KE5K NA5Z W3ATV W9RPM	298 AG1A KD4WSC N4IQ	289 K4MM K9FA N5BCA NQ7G W4LTJ	278 AA9D AJ4W K3JT N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY
306 K4QE K6RO N0LD N8LRG WB0OQV	297 DK8NE	288 K1NU N6AR W1DU W4HLR	277 AC7JM JR1LZK K3WA NS4T	268 K6OJ N9ZTS W0KAN
		287 K8DP N8CGY		

267 KG6EG KX9N N2AMC N7UVH N8EHW W4FSO W5WP W9DRB	NS7K NY1E VE6BMX WA4YA	KG7NV NN4SS	241 N6NU W5LO	XE1L
266 K1OA K1WVX TG9AJR WB8EJN	258 K1BD K2HAT NA2NY VE3MSC WB7ECS	250 AA9LC KL0S NW6R	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 AI9L K5FO N0FJP N9NJY W0PPA
265 N5KS W7CT WA8MCD	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/O	249 CT1IUA K8AO KQ5U N1GC W2LV	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	231 K4MIJ K5VR K6HEW KF6GYM W9XT
264 AC8L K4JAF N0TK NF1O	256 N8ZJN W9TA	248 K1ZZ W6VFA	238 AA3GM AE4WG JP1LRT MD0CCE	230 K1ZE KO4MM VA3XJ WB0WAO/8
263 AK4PR K3VAT K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL W0NOZ WA8KNE	247 W1FKF W3TEF	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX
262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 KF8QL N7QOZ VE3OTL WD5ITW	246 JA1UAV K0DAS KK8X N5TIT VE6TA (DO33) W4FRA WI7P	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ
261 AF2F K3TWK KB8UUZ N3EW	253 KG4ERR N2XQM	245 N1IA N3XF VA3CW	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K8ZT K9TF KS9A W4KXY W5LUA XE1GLL
260 K6JAD N6HC W0PR W3SW XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT VE6SH	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	234 KE6FCT	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX WQ6Q
259 KD4ADC KG6I KN5O	251 AD5JK HC1BI K1NJ	243 JA1QJI K3TC W4EJ YV1DIG	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD	225 AC9O

K9QJ KX9X (EN50) N2WSY N4SV W8AKS WN6W	216 K7RB N0IS NE1F W4HFZ W5RWF	208 AI2N CO8DM K7LOL KD5HIO PV8ABC	NR2C WA1MKE WA9ASZ	193 K7PT K9AB
224 IT9IPQ JA8ISU K9MQ	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW	207 N1BCL N8NJA	200 4A2MAX K4YJ N5AO N9AG VA3VU W1AW	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN
223 K7UA NI3K NJ7A	214 KB9PJL PV8AZ VE3SYK WA7AJ	206 AB0CT AK4Y CT3MD K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 K4GHS N3KFV NJ8J W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD
222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	213 K3DFL KI6X W0NBC W8RD	205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID	198 AC8TO JR2HCB N0UK N7EPD NX0I WA7KYM	190 K2WJ K5DB K5ER KC2DLD KK8MM N5SMQ N9UA W1ATV W2OO WB0DBS
221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	212 AB5C JF8QNF KF7NN N2OA	203 DF3CB K0VSV K5HYT K5LOW N0HF N8SYF NR0Q W1RM W7YA W9GFB W9VOB WA1KPD	197 K3EGE N4BAF W3TW W5CTV	189 KC0MEA W3SZ WA5VKS
220 K7BTW N7XCZ	211 JR3REX K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP	202 K1BZ K5GJR WC7X WF8Z WQ5W	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M
219 K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T	201 AA7WB KC5FP KO9V KR0I NN0K	195 AA4W JA7MSQ K6VDP KC0VDY KG6WIK	187 AA8R KD3HN KQ0J
218 K1XH K4IJQ K8YC KB8KVJ NA5C	209 AA4IB W5WGF WA4NFO XE2N		194 K2MRK K3EA N3FA N9NFT WF1H WK8A	186 DJ5FI K6ZZ K8PT

K9SG KN4PPD KN7K N0XLR N6ZE	WA5RR	WA2PNI	W1BAT	W4TTO WB8NUT
185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY	166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	158 K8CR KI0D N2CG
184 4O3A AF5Q K0CAO K0DEW KR4M N1IBM N4BG	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT N1JFU W0RIC	157 K4FX KB8GC KC2WUF WA7NB
183 K5RQ N0UBL W2UDT	177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	156 K2KJ N3RN N9KO VE7VDX
182 AJ6T FP/KV1J K5GMX K8WK NZ1I XE1CL	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	170 K9TVG N4GBK N8CN NA2U W4IHI W4JKC WK3V	163 K2JF K2YSY N5XZ	155 AE4M K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX
181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF NY0A W4RBO W9BS WJ1B	175 K1DT PV8BR	169 K6XC KD5OMJ N2BEG N5XES N7PHY NY4I VE3HHT W8KNO WA3DRC	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO	154 AE4NT KB9VMW KD2NF W3ZQN
180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH N9MSG	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO	168 KG5ZMQ W8WEJ	161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	153 AA4NC AB4GG K7AD K7ZD KW0A N1OFZ N2ADV N6DHz W3DQS W5FI W9ILY WB5ZAM
		167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ	160 JA1AFR K5IQ	152 AA6I N1NUM N2WM NU1T UT7QF W6IA
			159 K4MZ NS7B W1EME	

WO4G	WA4JA	NJ0U	W6BXQ	W3FEY
151	144	OE6IMD	WB8BZK	WA2SEI
KO0Z	K0TLG	VE3KY	WW2DX	WB4YDL
W1ZT	K5TDW	W4TUN	XE1H	WW5W
W2DXE	K6JRA	W6DQ	134	129
150	K8MN	WA4KXY	AB1NS	8P6ET
N9LAH	K8WU	139	AB4GE	JA3LZS
VE3OAT	N9DI	IZ8FFA	C6ABB	JF4VZT
W7APM	W5MPC	KC7JPC	GM4UYE	K0KD
149	WO7GI	KU0G	HK3W	K5QWO
AB6CF	143	N7T	KE5FXE	KC8KSK
K4SAN	K0KVR	NA2AA	N3AIU (DN70)	KF4NEF
KK9H	K6JBH	NZ6N	N8GOU	KM5LY
WB4VHF	K9QFR	W2PD	W4TKI	KM5SC
148	KB8RJS	W4OV	WA3WZR	N9WBR
AC0DQ	N8URE (FM19)	WB2JIL	133	128
AG0A	NA1VT	WY0V	KA5ETS	KC7QAG
G0OIL	W0HNM	138	KC1RET	KJ6SDF
K0RU	W0UHL	AC0XY	KE1VT	KN4DMN
K7IU	WB0MMC	AI6O	KM8V	N1SFE
KB2YSI	WM5H	I0WTD	W0RT	W0WT
N0TM	142	JA6RJK	W4GE	W5ZO
N5ZBI	N2ZA	KD7WPJ	WW7Q	W8FR
W6VNQ (CM88)	N5RMS	KE0A	XE2O	WB2WEO
WB6RAB	NA2X	KE3D	132	127
147	NC4VA	KE8RO	AB3CV	AA9RK
AF6AV	PV8AJ	KQ4KX	IC8TEM	JR2LJO
IZ1LBG	W5SWV	N3XH	K5VG	K3GYK
K6PSP	WA5TKU	137	KW4G	K7UV
KC1BUF	WS4V	N1SZ	N4PPH	K8AC
VE3CX	141	N5JGK	N7TP	K8OS
W4YCC	K4AR	SM7AED	N8IK	KB3OZC
W5WOX	K9ATX	136	NE1I	KB9TLV
WA0VPJ	KT8TD	AB1QB	VE3TM	KC0RQH
WA3YGQ	N9FIV	K0XXX	WN6K	N6PM
146	W4FS	K4SX	131	N6UTC
K2GW	W4POT	KC5LK	K3NAT	NO8D
K8YTO	W6ZI	KC9AXZ	KG9R	VE2JWH
KB0YH	WB9WHQ	KJ5RM	N2CJ	W1FLD
KB5ZEA	WR7AY	KV1E	130	WA6BIL
KC2TN	140	NO1R	AB0X	126
KM5TY	AC5DK	W2JCN	AK8CW	KJ7G
N3FX	BA4SI	W4AVV	JR1BAS	N0BDS
N4HID	CO2WF	W7UV	K0GUR	N7DGI
VA2RC	CT1BWU	XE2JS	K4JKB	WB4HUC
VE1VOX	K1UO	135	KC4NX	YL2AO
145	K7SAM	CU3EQ	KE8RJU	125
KD7YZ	KC0MEZ	K4MWB	NG9R	AA7DK
V31MD	KC8TMU	K8ZIZ	VE1DX	K3PU
VA3TTX	KJ4KVC	LY3W	VE2TZT	KC5DRI
	N1EN	N4DB	W0PHX	NT7C
	N3VOP	N8XE	W2LES	W2AJM

W3UQH W4DFU WA6POZ WB4OMM WE1P	NE0P/9 UR0MC W8DN WB9TFH	K4WS N4USG N5JEH* N5LPT NA7L NU6V W6WE WA1TBV XE2PXN	W0BM W8MSP W8VW WD0ENC	W4ZRZ W5MPC/1 W7RJR WB6YIY WB9W
124 K0DLW K8VA KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W7YM W9CDL	120 EA1YO K2CYE K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06) N3YPJ VE1JC VE3XK WA6RAY WD4OHD	116 IK7EOT K4RGN KI6QDH KU5B N0VR NO0B W0DHB	112 K2MLS K3GD K5WTA KA7T N5HMH W1TR W5DQ W6OAT W7IV W9PN WA8TWM WX3P XE1GK	108 CF3VRQ HB9BZA JA9IPF K5OPB N3MWQ N5DD VE3SUB VE7IG VY2RU W4AMP W4CRN W5AAJ W8EH W9VNE XE1R
123 AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	119 AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W5DM W7QQ W9JJ WI4T WM9M	115 K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO VK9DX WA3BZT WC7V	111 N0SLT PC3T W8GBH WZ8P	107 JA3EGE K5UIC KF7PG KI9A KK4LUM N3TTT N9OI NF0T US0KW W2ODH W2TTT WB4PPW
122 K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GTY	118 J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X KW4BY N1QDQ N3JNX N5EIL TF3JB W2AC / WB2ABK W2AC/WB2ABK WB2KSK	114 AC8HU K2RET K3RTU K9AAN KC4GCK KG9Z NF8M VE1WOW VE3IRR W2JLK W2ZQ W4ALF W4UFO W02C WX4US	110 EA4DEI K5KR K7LD KD5J KI0F KP4JRS KQ4LA KX5U N5TIF N5YM W7JET W7UP	106 K0MEI K5BJW K7BWH K7JE KB0TIJ KC7ICM KE5JXC KJ6MBW KK2DOG N0RQ N1USB N2IPH N4CE N5FPW N5YHF N8HM N9XMU VA3OKG VE3AJY
121 AE1P K0MFI K4HBI KB2WAL KB5MH KE4JFS	117 AB5J	113 AB4PM AD5MD K3DQB KD4BPZ KD6VCD KM5OL N3JDQ N4YCI N5YK	109 AK6ZZ G4BWP IW1ARB K2DSW K2JGL K2OO K5DNL K9GY KE6GLA KJ6CA KZ7N N8TMW N9TTX VE3AAQ W0YJT W1OP	

WB6VYH	K2OY	KG8WB	K4WQ	N8AID
WQ9F	K4MVL	KG9IL	K4ZO	NO5X
	K6USY	KL2R	K5VPQ	NO8R
105	K8ZEE	KR4WM	K7DD	VA3VF
AC4Q	KA1W	KR7LD	K7PAP	W2KRP
K4SJA	KB0FHP	N1IX	K9ZZE	W6TE
K9MAL	KB2SGX	N4AOE	KA0ZEE	WA2FGK
KB3JGS	KC9FFV	N8VEA	KC2IEB	WA3TLT
KC0JYT	KF0AIJ	N9DVS	KC6X	WB1GQR
KC4KK	KF4DVG	ON9CMR/W0	KD4MWO	WB2YDS
KF4DGS	KR4NO	VA2LGQ	KD6RUH	WD0E
KJ7TH	N0YXE	W4LLP	KR4UA	WH6LR
N4NQY	N1JIF	W5KBD	M5MYH	WT5H
N5SAN	VE7DXG	W7ISG	N4FV	WV5Y
N7YY	W0TF	WB8IMY	N5OHL	
NE9O	W3LEO	WD5IYT	N7HRT	97
PU4JOE	W6IT		N7JPF	AB8M
VE3VRQ	W6XU	100	N7TE	AJ9C
W8MIL		AC0FT	N8GHZ	K0HB
W9RVG	102	AI2S	N8YV	K0JQZ
WA4MYO	AA9MY	AI9U	N9MKC	K0QEI
	AB8JH	K2UA	NB5R	K0SH
104	AD6KH	K4UQC	NH6CJ	K0YQ
AB9YC	K0HAQ	K5GM	NI5W	K3HZO (FN20)
AC5K	K3HW	K5KV	NS2P	K4GTR
AC5RN	K9AM	K8IJ	VE2HAY	K4JQU
AC9QR	K9OHI	K9CC	W2HOG	K8XF
IK4DRY	KA3ZLS	KB9ZLB	W2VU	KA2BSK
K5PPP	KB8CR	KC2HLI	W5JLC	KA7EII
KB9RNO	KC6WFS	KC8CC	W6TJU	KC0YBM
KC1LXO	KC8DMN	KC9CMT	WA1LAD	KD5CKP
KC2TR	KD8NYO	KD3SW	WA5TRX	KF4KSN
KD9GKL	KE1AU	KE5CVM	WB5NHX	KM4NYI
KJ7OG	KJ4M	KF0Q	WB7VVD	KT5WB
KM6WXB	KR5V	KG5X	WK5X	N1VMJ
KO4LZ	N1HOQ	KJ5OA	WW2R (EL09)	N3UMA
N0STP	VE7ZD	N3TBB		N4BH
N1LDY	W4RVZ	N4NIA	98	N5OTY
N2FBQ	W5DPT	N5RZK	AC2RL	N6MA
N3UPS	W5OV	N5XTR	AD8Y	N9APK
N7AGF	W7UT	N7EME	K0KC	N9IO
NJ1H	W9NFL	N8COP	K0UD	N9KY
VE2PIJ	WA8EQP	N8XS	K3IXD	NK7C
W1TE	WB5FDP	VP2MRM	K3QIA	NU0Y
W1ZE		W2CH	K4OP	VA3FIN
W4KVS	101	W4/KL7GLL	K5HOB	W3QT
W6ZQ	AE7V	W4OZK	KA1EKR	W4CWA
W9EBK	K0SBV	W8BZY	KE4LGL	W4DAS
W9MDB	K0WJ	W9DQ	KG4YOU	W4ID
WB2VUO	K2NUD	WA5TLP	KG7E	W7DN
WB8BZK/VE3	K5DWI	WV9E	KJ2G	WA6OSX
WG3K	K5HX		KK0CQ	WA9LEY
	K7SYS	99	KY0Q	WB8RVK
103	KB1JDX	AB0SD	N0JJQ	WB8ZTV
AA5CK	KB4KBS	AB3TM	N1JHJ	WB9PNU
AB0YM	KC6AWX	K0YO	N3LRP	WE8L
AB5SS	KC8CSD	K4KEW	N5TEY	

96	KW9U	N0LP	N4GOA	91
AD5OW	N1XK	N1TOR	N4YHC	AA0CW
AE4TQ	N2SLO	N2SU	N7EGY	AD3Y
AK4F	N2WLS	N3JBH	N7JI	CO2WZ
K2CK	N3WAV	N3XBG	N7KSI	K1UR
K2UF	N4ET	N3YUG	NA9D	K4SPA
K2UNK	N5BLY	N5ZMP	VA7QI	K6YK
K4EQH	N5ENU	N6HY	VE3WMD	K7HPN
K5CRJ	N5KI	N6MXU	W0MHK	K8OI
K8EMR	N9IV	N7NH	W2VTV	KB2YWU
K9OT	N9LJX	N7UN	W3ZGD	KB3IAI
KA2NDX	VA3KS	N8WWM	W4GPM	KB3NDS
KA3HED	VA3PZ	N9DD	W5DMT	KB7AZ
KB5GI	VE3KZ	N9UNX	W5DWA	KC5POV
KB8PNS	VE3SPW	VA3MA	W7EIR	KC8LGL
KC0HBP	W3UA	VE3RX	W7TRX	KE1IU
KD6PY	W4YZJ	VE5MX	W9IFW	KG4QWC
KI5TE	W5ADA	VE7AB	W9NED	KI3O
KM2O	W5CBF	W2GR	W9WI	KI5BLU
KM5NU	W5RCQ	W3IPA	WA5ICA	KM7N
KS4V	W7JWC	W3TA	WB5CON	KM9I
KT5RR	W9SX	W4LNG		KQ6K
N0WVU	WA2ONK	W5ODD	92	N3PPH
N2LID	WA3I	W5PUF	K1EY	N3WCM
N2VHZ	WA4WR	WA7LHZ	K5GDX	N7CZ
N2XK	WB2SIH	WA9BXB	K5TDA	N8DEZ
N8PAQ	WD8DOT	WT9U	K7FU	NR4J
N8YBY	WS4S	WV7S	K7HKR	NU4N
NT2A	XE2AT		K7UWR	OE9KFV
NW5Q		93	KB0PQP	VA2BBW
NY2Z	94	AG2A	KC4JNW	W2SUB
VE2DCP	AA4RP	AG6CV	KD4QMY	W4MLN
W1HMM	AB4VT	AI8F	KE4WBO	W5KDA
W3VHF	AD1DX	K0IW	KG4URP	WB0NRV
W4KK	HK4SAN	K1PTF	KR7X	WB7X
W4TMR	IK8YTA	K1ZK	N0RC	WC4V
W7JHS	K0ARM	K2AK	N2SG	XE1GZU
W8DM	K3BEE	K2MTS	N3GH	
WA3EEC	K3TUF	K4DAM	N4VN	90
WB0M	K4JRK	K5TRI	N5QO	AA0LM
WB5KJE	K4LDC	K6RM	N6FD	AB4WL
WP4LNY	K4NNX	K7IP	N6RPM	AB9DU
	K8GT	K7TRK	N7DED	AF5BG
95	K9DOG	KB0USF	NS6E	DL1SMA
AB9AI	K9SUL	KC5TGT	UT5JAJ	JH4JNG
AE0G	KA2F	KC5TT	W1PV	K1HC
AE5EO	KA9UVY	KC9TTR	W2ACY	K1KA
K1PNQ	KB7AK	KC9UL	W2CVW	K3CWF
K4ED	KC0AUY	KD0QG	W3ACO	K3UAL
K8KFJ	KC3AK	KE6AZX	W3HZU	K4AAP
K8ME	KD4VRZ	KE6UMW	W4BP	K4FTP
K8VD	KE3WM	KE8RPJ	W4LIA	K4XZ
KD7WH	KF0LA	KI0J	W6NS	K8EAB
KD8DR	KG4NLZ	N2BX	W8JV	KA5TJI
KD9ZR	KU4JZ	N2YTF	WA3JKB	KB5FHK
KF6XA	KV3W	N3AO	WA4EEZ	KB7BSA
KI0SK	N0LNE	N3ZBK	WM3O	KK4DZP

KW3DX	88	NE5S	84	80
N2ULL	AA4QE	NI5F	CT3FT	AC6BW
N4BRF	AE0DX	NN7RM	K4EZY	K7FR
N5BA	AE4OF	W8GOC	KE6NDG	KE4PT
N9JJ	AF4MI	WB3IGR	N1KI	KR4Q
VA3XOV	K1RS	WB8JAY	N2NWS	KW1DX
W9CPV	K3TN	WF4W	VE2WBK	N2NS
W9CSY	K4XD	XE1RBV	W8PU	UW5ZM
W9HBH	K7CTV		W8SGR	VY2HF
WA2BEV	K7WV	86	ZS6NK	W5TTY
WA8OJR	K7ZYV	AG1T		W6TCP
WD9HCF	K9JF	K7FB	83	W7AM
WE7H	KB2KIR	KA9OKH	AA6E	
WEST SEATTLE AM	KC1GWX	KB7JJG	DL5XJ	79
WH6LE	KC3MLC	KI6HQT	K1LH	K4RW
WT4C	KE7RTB	KN4MMH	K4SQC	K5JBT
XE3/K5ENS	KE8UM	KP4TB	K6JJ	KB4DSL
	KI2D	KT1R	K8SIA	KP4N
89	KI4RFM	N2NF	KB3HHA	N2COP
AB1TZ	KJ4KW	N3MVF	KB9LIE	N5YJZ
AG2AA	N0OK	N8TFD	KC1UYZ	N9RC
AG7NR	N1CEO	NZ3O	KK7BV	VE3CFK
G4NBS	N2MKT	VA3MDB	KU4WW	W2GW
JQ1TIV	N2ZN	VA7LM	N6KTH	W2SKI
K4BMM	N4CAG	W8IW	TG9AKH	WN0L
K5CX	N4GN	WA1PMA	W7USB	
K5JAZ	N4KIN	WA4USA	WD6T	78
KA0MWA	N4UC	WB4GCS	WD9IOK	K2QPN
KF4TVL	N5VBK	XE2AU	WI6Z	TG9AWS
KI0G	NS3X		XE1MM	W4NE
KI4FW	NT4TN	85		
KI4US	VE2VLJ	EI3IO	82	77
KR4U	W2BZR	K1UU	AD4IE	K1IFJ
KT3X	W3YX	K4LRP	CB0ZA	MI0AYR
N2GZ	W4DL	KB3MXK	K3RJK	
N5KAE	W4RXR	KC0V	K4JMX	76
N8YSZ	W7HDD	KE4DRF	KA5WSS	K0WYN
N9RG	WA2BTR	KK4AND	KC5YKX	K6MAA
N9UDX	WA5MD	N2RJ	KG4KVZ	KI4CYB
NE2U	WK3N	N4LS	N1SF	KI7WXP
VE3VCF	WV8O	NJ1Q	PU8TEP	N1GNB
W0HRO	XE1SOV	VE3GFN	W5DAS	N2MH/4
W1HY		VE7DAY	W7YOZ	
W2JEK	87	W1WV	W8GG	75
W2OK	AC0A	W3STU	WA2ONG	G4RGK
W4ZMM	AG4I	W4IT		K3PP
W6VNQ	K4JC	W4RA	81	K8QM
W9HT	K5UZ	W6ST	AB4I	N5GH
WA7SDI	K5WO	W7SIR	KE4DZU	NP3YL
WB3IAL	K6UIP	W8DQ	N6MM	W4LVH
WM6Y	KB1VUN	W9QY	N7NEV	W5UC
WQ5C	KC8NAH	WA4WKL	NI4Y	WP4NEG
WR5AY	KE6WOX	WD4LSS	W3MC	ZL3AAU
XE2NL	KI6RRD	WF4R	WA4ZXV	
XE3DX	N0ELA	WL7OU	WA8ZNC	74
	N2CJN		XE1EE	AK8B
	NA5DX			CX4AAJ

KF2TI LU4FPZ TI2CDA VE6SO VK4CZ WC6DX	65 JA1XEC K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	39 AA5PK YL2JZ	27 E70A KC9ELU WP4NIX
73 G4FKA JF1IRW N6DW SV1RK VP2MJD W4WT	64 K3BQ WD5GRW (EM13QO)	53 K0BBC PP1CZ	38 DD3KF DU1EV K8YSE VK5PJ	26 WB7QXU
72 N4II PV8ADI	63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	37 BA7NQ JA9APS JH9DRL	25 EA4/K1WE
71 HB9EFK K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	49 N8MR	36 JA1WSK	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO
70 GI4SJQ K4BNC KC0ZRX W2QO W4GP	61 CU3AN N0GVK UX1UA	48 G8BQX JA9KRO K0BBC/R KI5KC N6DBF NP3IR YY4DNN	35 GI4OWA HA5PT LU9DO	23 GM4ILS HB9G K4SLC KP4EIT W8MK
69 K3WGR W1YM WD4LBR	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ HL2IFR JE1VTZ	34 G4SEU HB9ALO LA2QM UR5WA	22 9H1SP IZ3ENH
68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 HB9BIN KC6NBI SV8CS WA2MUA	46 LU2DX	33 W8GC WB4SON WB8TGY (EN72)	21 EA1YN
67 JG2TSL W7YED	57 IK1ZOF JL1UXH N5LJL WD5GRW	45 JA6WJL K4TXJ	32 N3LRH SM6WET ZL3TE	20 CX1FK DM2RM HL4CJG I1FQH JM1KVVW N1WC OE3SGU PY5EW W8LR YL3HA
66 K6KLY KB4YKC KK4YEL	56 KI5WA LU8ADX NI6T US5WE	44 WO3T XE2YWH/1	30 E72X JL3LSF JO7WXN WA6DNR	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
	55 JL3MCM LA3MHA WA2EMF	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	29 HL2WA OE4VIE SP5APW	18 AJ6V
		41 N6PAZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	
		40 E75AA JF1LMB JR0QFA OH4UI WB8TGY		

KJ4EU	PY2DV	J15USJ	2	JA7VXB
W0HBH	PY2GM	JJ1IDW	5B4ALJ	JH8XVT
	SP5XMU	KB8VAO EN91KT	6K5XZE	J11HNC
17		M1VPN	7J1ADJ	JJ1PFC
G3LZQ	10	MU0GSY	9A2GA	JL2ULM
PY2XAT	DL4CF	OK1IN	9K2NO	JN3ONX
W0JM	HB9BOS	ON5UE	BV6CC	KC3KJQ
	PA5KT	PP2RON	CO6CBF	KG4JSZ
16	SV2DCD	SK6QA	DF8FT	KH6WI
N6VHF	TF3Y	VE2NGH	DK1CO	KP4DER
	UR7DWW	VR2XMT	EH4BPJ	MM0INH
15		W1ZR	ES8JX	OK1UU
9K2BM	9	W2ZF	F5TMJ	ON6NA
EI2GLB	DL7BA	YL2CZ	G0THY	OZ1IKY
HB9HIT	EB1EWE		G4DDL	PU5SVE
HL4GAV	EC7ZK	4	G8GNI	SM3GBA
LU5FF	G6BFP	CT7/RC2A	GI4ONL	SM6LPG
PY2RN	IK3ITB	EK/RX3DPK	IK1IYU	SP7EXY
SV8CKM	JA1MZL	F1DFR	IK2GOQ	SQ5NRY
UT3UA	JA2FGL	IV3GOW	IZ8XQC	UN8G
UX0DL	JE1LFX	JG1JPE	JA6AVT	UR5EDX
WC2C	KD3UY	JH7IMX	JA6SZV	VR2VGM
		JH7IPR	JA9FAI	WB7VUF
14	8	JK6DXD	JH3MHI	YO8WW
HB9FMN	DK2LO	S51NM	JP1HDK	
JA2XCR	JA1CPU	UT5EL	K7LY	
KB8DVT	JE3PCP	VK4ZP	KEN IN NEBRASKA	
PA7RA	JJ2NWI	XE1SAX	LA2CQ	
PV8RR	N8RO		OH3KAV	
PY2OC	OH8LXT	3	SV1XV	
W9TTY		DF1ZN	SV3FUO	
	7	DJ5AV	YB2DX	
13	DH0GSU	DL2KQ	YL2KF	
JE2UFF	G8APB	EA1AR		
K4WY	HB9GWJ	EA4D	1	
PY2MC	IZ0INX	G3LHJ	3A2MW	
W4PWF	JA2NDQ	GM4CFS	9A2EY	
	J12UDK	GM4KHE	BD4UJ	
12	LA3DV	HA9PP	CT1AHU	
EA3GP	N5ORT	HL2ZN	DH8BQA	
F4ESV	NJ4Y	IK0WRB	DJ3ZF	
HB9DDZ	ZS4TX	IK8EPC	DL2DCX	
IK2RPE		IW3GJF	DL4ZAB	
JK1UNZ	6	J11CHH	EA3WD	
JN1RQV	CT2FEY	JM1GHT	EA4GQS	
N1IW	DL1TRK	JN1BPM	G4VSS	
ZS6WB	DU0A	JR6IQI	G6MXL	
	EA8MT	KC0Y	G7SQS	
11	EI2JC	PY5IP	G8TTI	
A65BR	JA7NGE	SA7CJO	IK5BSC	
DL2OE	PY2VA	SV1VN	IW0AFS	
EA4DAU		W1CBY	IZ0BTV	
EA4ZK	5	WD9EWK (DM43)	IZ2CSX	
G4CTY	DL5LH	YB1TJ	IZ3DBA	
IZ4GWE	EA1AAA	YL2CA	IZ5FSA	
JA2KVB	EA7ZY	YL2MU	JA1GZK	
JA6QHQ	IK8GYS		JA7DPC	