

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 (16 Sep 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	W0LGQ	XE2CQ	477	466	453
AA0MZ	W3CP		K0BJ	KA0JGH	K4YMQ
AA5AM	W4UDH	485	KC7V	KB6NAN	KB9DAK
AA5C	W5ADD	K0TPP	NC6K	WB9CIF	W5XC
AA7A	W5AFY	K9MU	W9RN	WX7M	
AI5I	W5AJ	N0POH			452
K0GU	W5EME	W5VY	476	464	N5BO
K1TOL	W5FF		KC7QY	KB9OWD	N9BX
K4PI	W5KI	484			NE1B
K4XO	W5OZI	AD6D	475	463	
K5RK	W7GJ	K7BG	N4WW	K4MY	451
K5UR	W7JW	KM0T	N5KO		K5WBM
K5WE	W7KNT	W5ZN		462	
K7CW	W7MEM		474	K6ZH	450
K7ULS	W9FF	483	W6XK	N6ORB	AJ4F
K8SIX	W9JN	AC0RA		NY0V	W5THT
K9CT	W9RM	K1USA	473		
KA9CFD	W9XX	W0VTT	N4TB	461	449
KA9FOX	WD5K	W5TRL	NQ7R	N4JQQ	KF6HI
KD5M	WQ5S		WB0O	NA9RB	W8TN
KG5CCI	WS9V	482			
KM0A		KX4R	472	460	448
KO9A	487		AI1K	K4SO	W3LPL
KR7O	K0SIX	481	KB7ME		
KV5W	K1TO	W9VHF	N7ZO	459	447
N0LL	K7MAC	WA7HQD	WD8JJA	N5NA	AH0U
N0LWF	K7TM			XE2K	K4HB
N0PB	K9YY	480	471		KS7S
N0TB	N0AKC	K5GZR	ND4X	458	N4SC
N1AV	N7CW	WB0ULX		K9NW	
N3SL	N7IR	XE2OR	470	KG5THG	446
N3XX	N9ISN		WO7R	N9BCA	K1HTV
N5DG	NA6L	479			K3SX
N5OMG	W3IP	N5WS	468	457	K6EID
N6JV		W5WVO	VE3EK	NI0G	NV4B
N7NW	486			W3UR	WB7CJO
N9LB	K5ND	478	467		
N9UM	KY7M	AD1C	N5EKO	456	445
ND0B	N0KE	AE5B	WE9R	N4QS	K4XP
W0FY	N7KA	AF5CC		N9PGG	K7PI
W0JW	WD5COV				KU7Z

N8OC	NM5U	419	406	393	379
	W3LL	K7NN	AK3E	K7XC	AB9BH
444	W9WO	W0GN	K6FG	W4TV	KI0E
N7BAV		W5AL	K8EB		KZ2I
W4DR	432	417	N4UFO	392	N8WNA
	K6GXO	NJ6D		AF4HX	W6TMD
443	N6KK		405	W6OMF	
AB4IQ		416	AA4SC		378
N4MM	431	K4RWP	K3FRK	391	WR7X
WB8ZBT	K0TLM	K7ND	K5CKS	AD5A	
XE2X		KO4MA	NE9U	N1EVK	377
	430		W0MU	W4AVY	AB1OC
442	K1TEO	415			NT9E
KP4AJ	KF8MY	K5OMC	404	388	
N2QT	N5TJ	K7AWB	N2ZX	K0IP	376
		W0GJ	VE4EAR	W4WRL	K8GI
441	429	WW1L			K8VFX
K8TB	WA5JCI		403	387	N2WK
K9KLD		414	AA1ON	KV4T	N3OC
KD3CQ	428	K0DEQ	NH6T/W4	N4CH	
	K5RT	K7KQA			375
440	K9APW	N0GZ	402	386	K6QG
AG9S	N2NL		K3FM	N7IJ	WB4OQX
N4TL		413		NN4R	
W2IRT	427	AE5FM	401	W5TFW	374
WA1EAZ	N4LR	WA9LFO	K4CKS	W7AH	KV7K
				WE4S	N6GP
439	426		400		N7DB
K8ZM	K4ZOT	412	W0JRP	385	
WA9DU	K8ZR	VE2XK 6M FN07	W0RHH	NK1K	373
	N5OK		W3UUM	VE6MB	K4SSO
438	W5JAY	411		W4WTA	NY1V
K9MK		N9EAT	398		
	425		K7SMA	384	372
437	K6ML	410	N8IEZ	AB4SF	JA7QVI
KK4MA		K5XI	W1NG	K1GG	W5MO
	424	KE7SW		K8ROK	
436	N4UFP	KE8KMX	397	W7FI	371
N4QWZ	N9AKR	KI8G	K8JH		WA6BYA
N9FN	W3EP	N4HN		382	
W3TC	WB8BPU		396	K5PI	370
WB8ART		409	K6VHF	VE3YXO	K5TN
	423	N5SYV	KB8U		KN4SM
435	AJ4A			381	KS4YT
KF6A		408	395	AG4W	N3MK
	422	W7BA	AA5XE	W3VZ	NT0V
434	VE6WQ		K0AZ		
K1SIX	WB5JID	407	KF7CQ	380	369
K8ROX		W4AS		K7MCX	KF8UN
KF0M	420	W5CIA	394	NE6I	N2DPF
	VE3LYC	W5PR	AA5JF	WA5LFD	
433			K2TER		368
NA6MG			KT8O		K0DD

KB0V W5RCI W6GMT	355 KD5XB	340 KE4TH N0AN N8LRG	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN WA1NLG
367 AA4ZZ KC4HW KR4BD W7Yaq	353 AF2K K0CS	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
366 KI7JA	352 KF9UG NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	338 VE3SXE WA5KBH	330 KB8MBC KG6AY W8PI	322 AA8SW VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
365 K4JJW K7XB KG7CW W4FC WB4EVH	351 AA4FL K5DTC	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
364 AB5EB K0RAR N6QQ	350 N6VI N8YO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	328 K6ME N5PT W2CNS WB3LHD	320 K0VG N4DW	309 AA4LR
363 W4NH	349 KA0BAD	335 AK0MR K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA WA7PDC	327 KJ5RC N0YO W2JU	319 N7US W4ER	307 KE5K NA5Z W3ATV W9RPM
362 W1JR WA5OLT	346 W8LMG	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	318 N3ALN W4HY	306 K1ST K4QE K6RO N0LD WB0OQV WV9L
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	325 WA2AEY WB4KTF	317 KA8SYV W1SKU W3HDH	305 K3VAT K6UM (CM88) KF2T KT1J WA9M
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW			316 K3FN KA0ABA W4UCK W9BWR	304 K6IPF
358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC W2HRO			315 K5VH NY2NY XE1AO	
357 K4LVV	341 KD7DCR NX7U WA7YAZ			314 KU4XO VE3XN	

WA0GUD	295 JG1TSG KE4P N7NT	K9UO WA4HFN	NS4T PV8DX	VA2CY	N6HC NT7C W3SW XE1YD
303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX WA4YA
302 KB2TGU N3KN W3TI	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA N7RO WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK	267 K0CAO KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	258 K2HAT NA2NY VE3MSC W9TA WB7ECS
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	292 KJ6P W1SSN	282 AA0ZP K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD XE1YY	266 K1OA K1WVX TG9AJR WB8EJN	
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	291 KS4S W1WHL W2CCC	281 K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O
299 N9JR VE6WK W1LE W5SUM W8UV WB5GVY	290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF	272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	
298 AG1A KD4WSC N4IQ	289 K4MM K9FA N5BCA NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ WA4NVM XE1FAS	271 K7NII KB7FUV KM3V W3HHN	263 AK4PR K9AAA WB7QBS	256 N8ZJN
297 DK8NE KE8Y N8YQX N9LF	288 K1NU N6AR W1DU W4HLR W7YA	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY	277 AC7JM JR1LZK	269 K2IE K3ZO KD5R KK0DX N5EPA N5WD	261 AF2F K3TWK KB8UUZ N3EW	254 N7QOZ VE3OTL WD5ITW
	285 K5CZD		260 K6JAD		253 KG4ERR N2XQM

252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	KB1HY N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	VE3SYK WA7AJ
251 AD5JK HC1BI K1NJ KG7NV NN4SS	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K3HPA K8ZT K9TF KS9A W4KXY W5LUA XE1GLL	220 K7BTW N7XCZ	213 K3DFL KI6X W0NBC
250 AA9LC K5KEW KL0S NW6R	242 AE4WG K3WW KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	212 AB5C JF8QNF KF7NN N2OA
249 CT1IUA K7LOL K8AO KQ5U N1GC W2LV	241 N6NU W5LO			218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	211 JR3REX K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP
248 K1ZZ W6VFA	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 K5FO N0FJP N9NJY	225 AC9O K9QJ KX9X (EN50) N2WSY W8AKS WN6W	217 ND4V W4DEE	210 K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T
247 W3TEF	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	231 K4MIJ K5VR K6HEW KF6GYM W9XT	224 IT9IPQ JA8ISU K9MQ NJ8J	216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	209 AA4IB W5WGF WA4NFO XE2N
246 JA1UAV K0DAS K8YC KK8X N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM JP1LRT MD0CCE	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW	208 AI2N CO8DM KD5HIO PV8ABC
245 N1IA N3XF VA3CW	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL PV8AZ	207 N1BCL N8NJA
	236 K0SU K4NK				206 AB0CT AK4Y CT3MD

K4GHS	N9AG	N3CAL	185	179	NA6O
K9YC (EN61)	VA3VU	N3NR	AD6W	K1EP	W3SO
KB0LYL	W1AW	N4LXB	KD5BQT	KU4WD	WA2PNI
NA5Q	199	N4TV	KU4UC	N0LIE	173
W0BNE	N3KFB	W6MTR	NA2R	N0MMA	K2ZZ
W4EJG	W4OEP	W8FN	PY5CC	NH7RO	K5YPV
XE1J	WB0YEA	191	W3OU	VA3DPB	KE4SCY
205	198	K0ITC	W5BPT	W8LHP	
AF4OD	AC8TO	K9CS	184	WA4QMQ	172
K8SD	JR2HCB	KK6OH	4O3A	178	AB9KZ
KE4HOA	N0UK	N9AMW	AF5Q	KA2AYR	K5ZED
N5ITO	N7EPD	WA2BKN	K0DEW	KB0EO	KI4PKW
N9ATF	NX0I	WA5CAM	KR4M	KB1RZA	KJ6HI
W8QID	WA7KYM	WD4JHD	N1IBM	KG5RJ	VE2PN
204	197	190	N4BG	N1ZUK	W4ABC
WA3DRC	K3EGE	K5DB	183	NQ2O	171
203	N4BAF	K5ER	K5RQ	VE3NRT	AA4PB
K0VSV	W3TW	KC2DLD	N0UBL	W0ZY	HP2AT
K5HYT	W5CTV	KK8MM	W2UDT	W1MAD	KC5GSK
K5LOW	196	N5SMQ	182	W9JJ	KC5YCH
N0HF	K0AIZ	N9UA	AJ6T CM87	WY7FD	KI4TZ
N8SYF	K0NR	W1ATV	FP/KV1J	177	NS3L
NR0Q	N5DUW	W2OO	K5GMX	AG4ZE	W1PX
W1RM	W2AMR	WB0DBS	K8WK	K2QQ	WA2KBZ
W3SZ	XE2ED	189	NZ1I	KI4BWW	170
W9GFB	XE2W	KC0MEA	XE1CL	SM7FJE	K9TVG
W9VOB	195	WA5VKS	181	W5ZG	N4GBK
WA1KPD	AA4W	188	AB9FN	WA8UEG	N8CN
202	JA7MSQ	AD7KI	K4CMS	176	NA2U
K1BZ	K2WJ	KD4HLG	K5HDE	AD5ZA	W1MJC
K5GJR	K6VDP	W4AZR	KB8YKR	EA5BY	W4IHI
WC7X	KG6WIK	WA7VHF	N3XJX	K0DI	W4JKC
WF8Z	194	WU9Q	N4DTF	KX9X	WK3V
WQ5W	K2MRK	WX9M	N9MSG	N5QGH	169
201	K3EA	187	NP4BM	NP4BM	K6XC
AA7WB	N3FA	AA8R	W5AFD	W5AFD	KD5OMJ
KC5FP	N9NFT	KD3HN	WA5IPS	WA5IPS	N2BEG
KO9V	WF1H	KQ0J	WW2R	WW2R	N5XES
KR0I	WK8A	186	175	175	N7PHY
NN0K	193	DJ5FI	PV8BR		NY4I
NR2C	K7PT	K6ZZ	174		VE3HHT
WA1MKE	K9AB	K8PT	K3MD		W8KNO
WA9ASZ	192	K9SG	K6WRL		168
200	N1LF	KN4PPD	KC6ZWT		KG5ZMQ
4A2MAX	N2NB	KN7K	KG7P		W2PD
K4YJ		N0XLR	KU0A		W8WEJ
N5AO		N6ZE	N1MGO		
			NA2NY (ex-NA1VT)		

167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	N2YBB V44KAI VE3LC W4HOG	153 AA4NC AB4GG K7AD K7ZD KW0A N1OFZ N2ADV N6DHz W3DQS W5FI W9ILY WB5ZAM	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YQG	NA2X NC4VA PV8AJ W5SWV WA5TKU WS4V	KE8RO KQ4KX N3XH
166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	160 AB1QB JA1AFR K5IQ	152 AA6I N0RC N1NUM N2WM NU1T UT7QF W6IA WO4G	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	141 K4AR K9ATX KT8TD N9FIV W4FS W4POT W6ZI WB9WHQ WR7AY	137 N1SZ N5JGK SM7AED
165 K4DXT KD5HPT N1JFU W0RIC	158 K8CR KI0D N2CG	151 KO0Z OE6IMD W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VE3KY W4TUN W6DQ WA4KXY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	150 N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H
163 K2JF K2YSY N3FX N5XZ	155 AE4M CT1BWU K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O JA6RJK KD7WPJ KE0A KE3D	134 AB1NS AB4GE C6ABB GM4UYE HK3W KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR
162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO	154 AE4NT I0WTD KB9VMW KD2NF W3ZQN	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N5ZBI W6VNIQ (CM88)	142 N2ZA N5RMS		133 KA5ETS KC1RET KE1VT KM8V W0RT W4GE
161 K4EA KB3CWQ		WB6RAB			

WI5D	KN4DMN	W7YM	VE1JC	116	112
WW7Q	N1SFE	W9CDL	VE3XK	IK7EOT	K2MLS
XE2O	W0WT		WA6RAY	K4RGN	K3GD
	W5ZO	123	WD4OHD	KI6QDH	K5WTA
132	W8FR	AC7AF		KU5B	KA7T
AB3CV	WB2WEO	K9SM	119	N0VR	N5HMH
IC8TEM		KB0GT	AE5AU	NO0B	W1TR
K5VG	127	KB0STN	K0AWU	W0DHB	W5DQ
KW4G	AA9RK	KG6DHQ	K1ZN		W6OAT
N4PPH	JR2LJO	VE3TG	K2SQS	115	W7IV
N7TP	K3GYK	W1HS	K4MSG	K9MMS	W9PN
N8IK	K7UV	W3SE	K7JIZ	KE6TVM	WA8TWM
NE1I	K8AC	W4PRZ	KF7PCL	KF0QS	WG3K
VE3TM	K8OS	W5EWF	KP3V	KF9AF	WX3P
WN6K	KB3OZC	W7MHW	KT0P	KM5FA	XE1GK
	KB9TLV	W8BI	KW7N	N7VGO	
131	KC0RQH	W8KHP	N4UPX	UW5ZM	111
K3NAT	N6UTC	WA8WV	W0QC	VK9DX	N0SLT
KG9R	NO8D	WB2RVX	W4SW	WA3BZT	PC3T
N2CJ	VE2JWH		W5DM	WC7V	W8GBH
	W1FLD	122	W7QQ		WZ8P
130	WA6BIL	K7AED	WI4T	114	
AB0X		K7OGW	WM9M	AC8HU	110
JA3LZS	126	KA9JAC		K2RET	EA4DEI
JR1BAS	KJ7G	KB4UF	118	K3RTU	K5KR
K0GUR	N0BDS	KB5WFE	J68AS	K9AAN	K7LD
K4JKB	N7DGI	KC5UGX	K4AZV	KC4GCK	KD5J
K8LG	WB4HUC	N5HYV	KA4LBD	KG9Z	KI0F
KC4NX	YL2AO	VE6PY	KF6MXK	NF8M	KP4JRS
NG9R		VE7JAC	KI7BP	VE1WOW	KQ4LA
VE1DX	125	WD0GTU	KT8X	VE3IRR	KX5U
VE2TZT	AA7DK		KW4BY	W2JLK	N5TIF
W0PHX	K3PU	121	N1QDQ	W2ZQ	N5YM
W2LES	KC5DRI	AE1P	N3JNX	W4ALF	W7JET
W3FEY	W2AJM	K0MFI	N5EIL	W4UFO	W7UP
WA2SEI	W3UQH	K4HBI	TF3JB	WO2C	
WB4YDL	W4DFU	KB2WAL	W2AC / WB2ABKWX4US		109
WW5W	WA6POZ	KB5MH	W2AC/WB2ABK	113	AK6ZZ
	WB4OMM	KE4JFS	WB2KSK	AB4PM	G4BWP
	WE1P	NE0P/9		AD5MD	IW1ARB
129		UR0MC	117	K3DQB	K2DSW
8P6ET	124	W8DN	AB5J	KD4BPZ	K2JGL
JF4VZT	K0DLW	WB9TFH	K4WS	KD6VCD	K2OO
K0KD	K8VA		N4USG	KM5OL	K5DNL
K5QWO	KB0HH (EM06)	120	N5JEH*	N3JDQ	K9GY
KC8KSK	KD5FTD	EA1YO	N5LPT	N4YCI	KE6GLA
KF4NEF	KM1C	K2CYE	NA7L	N5YK	KJ6CA
KM5LY	KT5MR	K4CGY	NU6V	W0BM	KZ7N
KM5SC	N0SL	KD0R	W6WE	W8MSP	N8TMW
N9WBR	N9AZZ	KD4MZM	WA1TBV	W8VW	N9TTX
	PV8AAS	KD5BRF	XE2PXN	WD0ENC	VE3AAQ
128	W0PE	KE4SCY (FM06)			W0YJT
KC7QAG	W1TAM	N3YPJ			W1OP
KJ6SDF					

W4ZRZ	N5YHF	W9EBK	WA8EQP	N4NIA	WB5NHX
W5MPC/1	N8HM	W9MDB	WB5FDP	N5RZK	WB7VVD
W7RJR	N9XMU	WB2VUO		N5XTR	WK5X
WB6YIY	VA3OKG	WB8BZK/VE3	101	N7EME	WW2R (EL09)
WB9W	VE3AJY	WL7OU	AE7V	N8COP	
	WB6VYH		K0IN	N8XS	98
108	WQ9F	103	K0SBV	VP2MRM	AC2RL
CF3VRQ		AA5CK	K0WJ	W2CH	AD8Y
HB9BZA	105	AB0YM	K2NUD	W4/KL7GLL	K0KC
JA9IPF	AC4Q	AB5SS	K5DWI	W4OZK	K0UD
JP7EIP	DS4EOI	K2OY	K5HX	W8BZY	K3IXD
K5OPB	K4SJA	K4MVL	K7SYS	W9DQ	K3QIA
N3MWQ	K9MAL	K6USY	KB1JDX	WA5TLP	K4OP
N5DD	KB3JGS	K8ZEE	KB4KBS	WV9E	K5HOB
VE3SUB	KC0JYT	KA1W	KC6AWX		KA1EKR
VE7IG	KC4KK	KB0FHP	KC8CSD	99	KE4LGL
VY2RU	KF4DGS	KB2SGX	KG8WB	AB0SD	KG4YOU
W4AMP	KJ7TH	KC9FFV	KG9IL	AB3TM	KG7E
W4CRN	N4NQY	KF0AIJ	KL2R	K0YO	KJ2G
W5AAJ	N5SAN	KF4DVG	KR4WM	K4KEW	KK0CQ
W8EH	N7YY	KR4NO	KR7LD	K4WQ	KY0Q
W9VNE	NE9O	N0YXE	N1IX	K4ZO	N0JJQ
XE1R	PU4JOE	N1JIF	N4AOE	K5VPQ	N1JHJ
	VE3VRQ	NF6P	N8VEA	K7DD	N3LRP
107	W8MIL	VE7DXG	N9DVS	K7PAP	N5TEY
JA3EGE	W9RVG	W0TF	ON9CMR/W0	K9ZZE	N8AID
K5UIC	WA4MYO	W3LEO	VA2LGQ	KA0ZEE	NO5X
KF7PG		W6IT	W4LLP	KC2IEB	NO8R
KI9A	104	W6XU	W5KBD	KC6X	VA3VF
KK4LUM	AB9YC		W7ISG	KD4MWO	W2KRP
N3TTT	AC5K	102	WB8IMY	KD6RUH	W6TE
N9OI	AC5RN	AA9MY	WD5IYT	KG9AP	WA2FGK
NF0T	AC9QR	AB8JH		KR4UA	WA3TLT
US0KW	IK4DRY	AD6KH	100	M5MYH	WB1GQR
W2ODH	K5PPP	K0HAQ	AC0FT	N4FV	WB2YDS
W2TTT	KB9RNO	K3HW	AI2S	N5OHL	WD0E
WB4PPW	KC1LXO	K9AM	AI9U	N7HRT	WH6LR
	KC2TR	K9OHI	K2UA	N7JPF	WT5H
106	KD9GKL	KA3ZLS	K4UQC	N7TE	WV5Y
K0MEI	KJ7OG	KB8CR	K5GM	N8GHZ	
K5BJW	KM6WXB	KC6WFS	K5KV	N8YV	97
K7BWH	KO4LZ	KC8DMN	K8IJ	N9MKC	AB8M
K7JE	N0STP	KD8NYO	K9CC	NB5R	AJ9C
KB0TIJ	N1LDY	KE1AU	KB9ZLB	NH6CJ	K0HB
KC7ICM	N2FBQ	KJ4M	KC2HLI	NI5W	K0JQZ
KE5JXC	N3UPS	KR5V	KC8CC	NS2P	K0QEI
KJ6MBW	N7AGF	N1HOQ	KC9CMT	VE2HAY	K0SH
KK2DOG	NJ1H	VE7ZD	KD3SW	W2HOG	K0YQ
N0RQ	VE2PIJ	W4RVZ	KE5CVM	W2VU	K3HZO (FN20)
N1USB	W1TE	W5DPT	KF0Q	W5JLC	K4GTR
N2IPH	W1ZE	W5OV	KG5X	W6TJU	K4JQU
N4CE	W4KVS	W7UT	KJ5OA	WA1LAD	K8XF
N5FPW	W6ZQ	W9NFL	N3TBB	WA5TRX	KA2BSK

KA7EII	N0WVU	W5RCQ	VA3MA	W2VTV	K1UR
KC0YBM	N2LID	W7JWC	VE3RX	W3ZGD	K4SPA
KD5CKP	N2VHZ	W9SX	VE5MX	W4GPM	K6YK
KF4KSN	N2XK	WA2ONK	VE7AB	W4VG	K7HPN
KM4NYI	N8PAQ	WA3I	W2GR	W5DMT	K8OI
KT5WB	N8YBY	WA4WR	W3IPA	W5DWA	KB2YWU
N1VMJ	NT2A	WB2SIH	W3TA	W7EIR	KB3IAI
N3UMA	NW5Q	WD8DOT	W4LNG	W7TRX	KB3NDS
N4BH	NY2Z	WS4S	W5ODD	W9IFW	KB7AZ
N5OTY	VE2DCP	XE2AT	W5PUF	W9NED	KC5POV
N6MA	W1HMM		WA7LHZ	W9WI	KC8LGL
N9APK	W3VHF	94	WA9BXB	WA5ICA	KE1IU
N9IO	W4KK	AA4RP	WT9U	WB5CON	KE7RTB
N9KY	W4TMR	AB4VT	WV7S		KG4QWC
NK7C	W7JHS	AD1DX		92	KI3O
NU0Y	W8DM	AK8CW	93	K1EY	KI5BLU
VA3FIN	WA3EEC	HK4SAN	AG2A	K5GDX	KM7N
W3QT	WB0M	IK8YTA	AG6CV	K5TDA	KM9I
W4CWA	WB5KJE	K0ARM	A18F	K7FU	KQ6K
W4DAS	WP4LNY	K3BEE	K0IW	K7HKR	N3PPH
W4ID		K3TUF	K1PTF	K7UWR	N3WCM
W7DN	95	K4JRK	K1ZK	KB0PQP	N6DW
WA6OSX	AB9AI	K4LDC	K2AK	KC4JNW	N7CZ
WA9LEY	AE0G	K4NNX	K2MTS	KD4QMY	N8DEZ
WB8RVK	AE5EO	K8GT	K4DAM	KE4WBO	NR4J
WB8ZTV	K1PNQ	K9DOG	K5TRI	KG4URP	NU4N
WB9PNU	K4ED	K9SUL	K6RM	KR7X	OE9KFV
WE8L	K8KFJ	KA2F	K7IP	N2SG	VA2BBW
	K8ME	KA9UVY	K7TRK	N3GH	W2SUB
96	K8VD	KB7AK	KB0USF	N4VN	W4MLN
AD5OW	KD7WH	KC0AUY	KC5TGT	N5QO	W5KDA
AE4TQ	KD8DR	KC3AK	KC5TT	N6FD	WB0NRV
AK4F	KD9ZR	KD4VRZ	KC9TTR	N6RPM	WB7X
HB9EFK	KF6XA	KE3WM	KC9UL	N7DED	WC4V
K2CK	KI0SK	KF0LA	KD0QG	NS6E	XE1GZU
K2UF	KW9U	KG4NLZ	KE6AZX	UT5JAJ	
K2UNK	N1XK	KU4JZ	KE6UMW	W1PV	90
K4EQH	N2SLO	KV3W	KE8RPJ	W2ACY	AA0LM
K5CRJ	N2WLS	N0LNE	KI0J	W2CVW	AB4WL
K8EMR	N3WAV	N0LP	KK7MNC	W3ACO	AB9DU
K9OT	N4ET	N1TOR	N2BX	W3HZU	AF5BG
KA2NDX	N5BLY	N2SU	N2YTF	W4BP	DL1SMA
KA3HED	N5ENU	N3JBH	N3AO	W4LIA	JH4JNG
KB5GI	N5KI	N3XBG	N3ZBK	W6NS	K1HC
KB8PNS	N9IV	N3YUG	N4GOA	W8JV	K1KA
KC0HBP	N9LJX	N5ZMP	N4YHC	WA3JKB	K3CWF
KD6PY	VA3KS	N6HY	N7EGY	WA4EEZ	K3UAL
KI5TE	VA3PZ	N6MXU	N7JI	WM3O	K4AAP
KM2O	VE3KZ	N7NH	N7KSI		K4FTP
KM5NU	VE3SPW	N7UN	NA9D	91	K4XZ
KR4EE	W4YZJ	N8WWM	VA7QI	AA0CW	K8EAB
KS4V	W5ADA	N9DD	VE3WMD	AD3Y	KA5TJI
KT5RR	W5CBF	N9UNX	W0MHK	CO2WZ	KB5FHK

KB7BSA	WQ5C	K6UIP	W3STU	PU8TEP	76
KK4DZP	WR5AY	KB1VUN	W4IT	W5DAS	K0WYN
KW3DX	XE2NL	KC8NAH	W4RA	W7YOZ	K6MAA
N2ULL	XE3DX	KE6WOX	W6ST	W8GG	KI4CYB
N4BRF		KI6RRD	W7SIR	WA2ONG	KI7WXP
N5BA	88	N0ELA	W8DQ		N1GNB
N9JJ	AA4QE	N2CJN	W9QY	81	N2MH/4
VA3XOV	AE0DX	NA5DX	WA4WKL	AB4I	
W9CPV	AE4OF	NE5S	WD4LSS	DF3CB	75
W9CSY	AF4MI	N15F	WF4R	KE4DZU	G4RGK
W9HBH	K1RS	NN7RM		N6MM	K3PP
WA2BEV	K3TN	W8GOC	84	N7NEV	K6VHF/HR9
WA8OJR	K4XD	WB3IGR	CT3FT	NI4Y	K8QM
WD9HCF	K7CTV	WB8JAY	K4EZY	W3MC	N5GH
WE7H	K7WV	WF4W	KE6NDG	WA4ZXV	NP3YL
WEST SEATTLE	K7ATV	XE1RBV	N1KI	WA8ZNC	W4LVH
WH6LE	K9JF		N2NWS	XE1EE	W5UC
WT4C	KB2KIR	86	VE2WBK		WP4NEG
XE3/K5ENS	KC1GWX	AG1T	W8PU	80	ZL3AAU
	KC3MLC	K7FB	W8SGR	AC6BW	
	KE8UM	KA9OKH	ZS6NK	K7FR	74
89	KI2D	KB7JJG		KE4PT	AK8B
AB1TZ	KI4RFM	KI6HQT	83	KR4Q	CX4AAJ
AG2AA	KJ4KW	KN4MMH	AA6E	KW1DX	KF2TI
AG7NR	N0OK	KP4TB	AC9GK	N2NS	LU4FPZ
G4NBS	N1CEO	KT1R	DL5XJ	VY2HF	TI2CDA
JQ1TIV	N2MKT	N2NF	K1LH	W5TTY	VE6SO
K4BMM	N2ZN	N3MVF	K4SQC	W6TCP	VK4CZ
K5CX	N4CAG	N8TFD	K6JJ	W7AM	WC6DX
K5JAZ	N4GN	NZ3O	K8SIA		
KA0MWA	N4KIN	VA3MDB	KB3HHA	79	73
KF4TVL	N4UC	VA7LM	KB9LIE	K4RW	G4FKA
KI0G	N5VBK	VE7IRU	KC1UYZ	K5JBT	JF1IRW
KI4FW	NS3X	W8IW	KK7BV	KB4DSL	SV1RK
KI4US	NT4TN	WA1PMA	KU4WW	KP4N	VP2MJD
KR4U	VE2VLJ	WA4USA	N6KTH	N2COP	W4WT
KT3X	W2BZR	WB4GCS	SV2AEL	N5YJZ	
N2GZ	W3YX	XE2AU	TG9AKH	N9RC	72
N5KAE	W4DL		W7USB	VE3CFK	N4II
N8YSZ	W4R XR	85	WD6T	W2GW	PV8ADI
N9RG	W7HDD	EI3IO	WD9IOK	W2SKI	
N9UDX	WA2BTR	K1UU	WI6Z	WN0L	71
NE2U	WA5MD	K4LRP	XE1MM		K0GW
VE3VCF	WK3N	KB3MXK		78	K4GK
W0HRO	WV8O	KC0V	82	K2QPN	K5WPN
W1HY	XE1SOV	KE4DRF	AD4IE	TG9AWS	NP4TT
W2JEK		KK4AND	CB0ZA	W4NE	W2YR
W2OK	87	N2RJ	K3RJK		W3FGP
W4ZMM	AC0A	N4LS	K4JMX	77	WC5M
W6VNQ	AG4I	NJ1Q	KA5WSS	K1IFJ	
W9HT	K4JC	VE3GFN	KC5YKX	MI0AYR	70
WA7SDI	K5UZ	VE7DAY	KG4KVZ		GI4SJQ
WB3IAL	K5WO	W1WV	N1SF		K4BNC
WM6Y					

KC0ZRX N6GEO W2QO W4GP	US5WE UX1UA	YY4DNN	35 GI4OWA LU9DO UR5WA	KS4YX ON6AB PA7TWO	15 9K2BM EI2GLB HB9HIT LU5FF PY2RN SV8CKM UT3UA UX0DL WC2C
69 K3WGR W1YM WD4LBR	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ HL2IFR JE1VTZ	34 G4SEU LA2QM	23 GM4ILS HB9G K4SLC KP4EIT W8MK	
68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH OE3SGU	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED	57 IK1ZOF JL1UXH N5LJL WD5GRW	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	
66 K6KLY KB4YKC KK4YEL	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN HB9RUZ K4ZIN	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR YL3HA	13 JE2UFF K4WY PY2MC W4PWF
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 JL3MCM LA3MHA WA2EMF	41 N6PAZ	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB
64 K3BQ WD5GRW (EM137P)	53 K0BBC K0PCZ	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP		
63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX	18 AJ6V HL4GAV KJ4EU W0HBH	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	49 N8MR	37 BA7NQ HA5PT JA9APS JH9DRL	26 WB7QXU	17 G3LZQ PY2XAT W0JM	
61 CU3AN N0GVK	48 G8BQX JA9KRO K0BBC/R KI5KC N6DBF NP3IR	36 JA1WSK	25 EA4/K1WE	16 N6VHF	10 AI9L DL4CF

HB9BOS	JJ1IDW	YL2MU	G8TTI
JI2UDK	KB8VAO		IK5BSC
PA5KT	M1VPN	2	IW0AFS
SV2DCD	MU0GSY	5B4ALJ	IZ0BTV
TF3Y	OK1IN	6K5XZE	IZ2CSX
UR7DWW	ON5UE	7J1ADJ	IZ3DBA
	PP2RON	9A2GA	IZ5FSA
9	SK6QA	9K2NO	JA1GZK
DL7BA	VE2NGH	BV6CC	JA7DPC
EB1EWE	VR2XMT	CO6CBF	JA7VXB
EC7ZK	W1ZR	DF8FT	JH8XVT
G6BFP	W2ZF	DK1CO	JI1HNC
IK3ITB	YL2CZ	EH4BPJ	JJ1PFC
JA1MZL		ES8JX	JL2ULM
JA2FGL	4	F5TMJ	JN3ONX
JE1LFX	CT7/RC2A	G0THY	KC3KJQ
KD3UY	EK/RX3DPK	G4DDL	KG4JSZ
S51NM	F1DFR	G8GNI	KH6WI
	IV3GOW	GI4ONL	KP4DER
8	JG1JPE	IK1IYU	MM0INH
DK2LO	JH7IMX	IK2GOQ	OK1UU
JA1CPU	JH7IPR	IZ8XQC	ON6NA
JE3PCP	JK6DXD	JA6AVT	OZ1IKY
JJ2NWI	UT5EL	JA6SZV	PU5SVE
N8RO	VK4ZP	JA9FAI	SM3GBA
OH8LXT	XE1SAX	JH3MHI	SM6LPG
		JP1HDK	SP7EXY
7	3	K4KZM	SQ5NRY
DH0GSU	DF1ZN	K7LY	UN8G
G8APB	DJ5AV	KEN IN NEBRASKA	UN5EDX
HB9GWJ	DL2KQ	LA2CQ	VR2VGM
IZ0INX	EA1AR	OH3KAV	WB7VUF
JA2NDQ	EA4D	SV1XV	YO8WW
LA3DV	G3LHJ	SV3FUO	
N5ORT	GM4CFS	YB2DX	
NJ4Y	GM4KHE	YL2KF	
UR5FEO	HA9PP		
ZS4TX	HL2ZN	1	
	IK0WRB	3A2MW	
6	IK8EPC	9A2EY	
CT2FEY	IW3GJF	BD4UJ	
DL1TRK	JI1CHH	CT1AHU	
DU0A	JM1GHT	DH8BQA	
EI2JC	JN1BPM	DJ3ZF	
JA7NGE	JR6IQI	DL2DCX	
PY2VA	KC0Y	DL4ZAB	
	PY5IP	DS5TOS	
5	SA7CJO	EA3WD	
DL5LH	SV1VN	EA4GQS	
EA1AAA	W1CBY	F1VEV	
EA7ZY	WD9EWK (DM436)	G4VSS	
IK8GYS	YB1TJ	G6MXL	
JI5USJ	YL2CA	G7SQS	