

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

445 K4XP K8ZM KU7Z N4LR N8OC WB8ZBT XE2X	433 W9WO	416 K4RWP K7ND KO4MA NI0P	405 AA4SC K3FRK K5CKS NE9U W0MU	KV7N	WA5LFD
444 N7BAV	432 K6GXO N6KK	415 K5OMC K7AWB W0GJ	404 K8JH N2ZX VE4EAR W5SUM	392 AF4HX W6OMF	379 AB9BH N8WNA W6TMD
443 AB4IQ N4MM	431 K0TLM	414 K0DEQ N0GZ W4TV	403 NH6T/W4	391 AD5A W4AVY	378 WR7X
442 AG9S N2QT N4TL	430 K1TEO	413 AE5FM WA9LFO	402 K3FM K7SMA	390 AB4SF KZ2I	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	429 K8ZR WA5JCI	412 NZ3M VE2XK 6M FN07PJ	401 K4CKS	388 K0IP W4WRL	376 K8GI K8VFX N2WK N3OC
440 W2IRT	428 K9APW	411 N9EAT	400 W0JRP W3UUM	387 KV4T N4CH	375 K6QG WB4OQX
439 N4QWZ NM5U	427 K4ZOT W0RH	410 KB0V KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	386 N7IJ NN4R W5TFW W7AH WE4S	374 K0TT KV7K N6GP N7DB NY1V
437 K5RT KK4MA N5TJ	426 N5OK W5JAY	409 AA1ON N1EVK N5SYV	397 KE4TH	385 NK1K VE6MB W4WTA	373 K4SSO
436 N9FN W3TC WB8ART	425 K6ML	408 W7BA	396 K6VHF KB8U	384 K8ROK W7FI	372 JA7QVI
435 K5XI KF6A	424 N4UFP N9AKR W3EP WB8BPU	407 W4AS W5CIA W5PR	395 AA5XE K0AZ KF7CQ WB4EVH	383 K10E W5MO	371 AA4ZZ N3PS WA6BYA
434 K1SIX K8ROX VE3LYC W3LL	423 AJ4A W4DR	406 AK3E K6FG K8EB N4UFO	394 AA5JF K2TER K6RO KT8O	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V W4FC
	419 K7NN W0GN W5AL		393 K1GG K7XC	381 AG4W W3VZ	369 KF8UN
	417 NJ6D WW1L			380 K7MCX NE6I	

N2DPF	355 KD5XB	343 AB4EJ K5EK N3RC N6KZ	WA7PDC	327 KJ5RC N0YO W2JU W7YA	VE3XN W1SKU W3HDH
368 K0DD W5RCI W6GMT	354 N3AIU (DM45)		334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI		316 K3FN KA0ABA W4UCK W9BWR
367 KC4HW KR4BD W7YAAQ	353 AF2K K0CS	341 KD7DCR N8HRZ NX7U WA7YAZ		326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	
366 KI7JA	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 N0AN	333 AA4LR K0TC KM4HI N0IGZ W3GQ		315 K5VH NY2NY XE1AO
365 K4JJW K7XB KG7CW	351 AA4FL K5DTC	339 KE4BKL VA7FC W5VAS	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	325 WA2AEY WX0Z	314 KU4XO
364 AB5EB K0RAR N6QQ	350 N6VI N8YO	338 N9JR NA5Z VE3SXE W9XA WA5KBH		324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 JE1BMJ N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
363 W4NH	349 KA0BAD W8LMG	337 K8ZES NU6S W9EWZ WA5RT WW0E	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
362 W1JR WA5OLT	348 N1JFU NJ7G		330 KB8MBC KG6AY W8PI	322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	347 W2HRO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G	321 N0LD NC7B NS4C W9VA	
360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA		320 N4DW	
358 K5RLA K6EME KG8P NK0S			328 K6ME N5PT W2CNS WB3LHD	319 KF2T N7US	310 K1ST N1NK W9KVR WO4DX
357 K4LVV	344 K6FW KB0PE N8LRG W1OW			318 W4HY	309 AA9RR
				317 KA8SYV	308 WA4HFN
					307 AG1A KE5K

W3ATV	298	K9FA	W1FKF	W3SW	263
W9RPM	K0MLD	N5BCA			AK4PR
306	KD4WSC	N7RO	279	270	K9AAA
K4QE	N4IQ	NQ7G	N3JPU	K4SPD	WB7QBS
KE8Y	297	W4LTJ	W0VHF (EL87)	KC9FQD	
WB0OQV	JG1TSG	288	W8GJ	N2LIV	262
WV9L	KG5EIU	K1NU	XE1FAS	W4QK	K3CWH
305	N8YQX	W1DU		W5DNT	K5VR
K3VAT	N9LF	W4HLR	278	W7JY	KD8JSP
K6UM (CM88)	296	287	AA9D	WZ9B	N4ST
KT1J	K4XR	K8DP	AJ4W		ND4DX
WA9M	K6YUI	KC7MRQ	K3JT	269	WA0KBZ
304	KC7RW	N8CGY	K3WA	K2IE	
K6IPF	295	WA4NVM	N0LNO	K3ZO	261
NS4T	KE4P	285	N8BJQ	KD5R	AF2F
WA0GUD	N6AR	AB0S	NN1N	N5EPA	K3TWK
303	N7NT	K5CZD	277	N5WD	KB8UUZ
EA8DBM	XE1YY	K9UO	AC7JM	VA2CY	N3EW
K8TGC	294	KK0DX	K5KEW	268	W6TCP
K8TL	K2UU	284	PV8DX	K6OJ	260
N7LAN	K6JSV	AB0RX	276	KI0HA	K6JAD
302	W7IMC	K0KP	HC1BI	N9ZTS	N6HC
KB2TGU	293	K4DET	K2CS	W0KAN	NT7C
N3KN	K3AX	KX7L	K5TWJ	WB9PNU	XE1YD
301	KL7HBK	NJ2F (EL96)	K7TAB	267	259
N0HJZ	N4JJ	283	W9OO	KB1HY	K1BD
W7IB	N4MI	N5OHL	275	KG6EG	KD4ADC
W9OBG	W2GKR	WA0FQK	K1MAA	KX9N	KG6I
WA8ZID	W4VC	WB0CQO	K2NJ	N2AMC	KN5O
WB0TVY	WA2IIE	282	N4GG	N8EHW	NS7K
300	292	AA0ZP	W0FK	W4FSO	NY1E
AA4V	KJ6P	K0PG	274	W5WP	VE6BMX
K0PHP	W1SSN	K5TA	KB1DMX	W9DRB	W9TA
K0SRL	291	N8JCM	WA8MCD	266	WA4YA
KB6VFC	K0CAO	W4WM	273	K1OA	258
N1RR	KS4S	281	KM4H	K1WVX	AB5GU
WA2BAH	W1WHL	AA8MA	KV1J	TG9AJR	K1NJ
WX2S	W2CCC	JR1LZK	VE6SH	VE3MSC	K2HAT
299	290	K4OY	272	VE6TA (DO33)	NA2NY
DK8NE	WA8EFK	NL7CO	KF8QL	WB8EJN	WB7ECS
VE6WK	289	W2YE	KO4PRE	265	
W1LE	K2BLA	280	N4SV	N5KS	257
W8UV	K4MM	AD7OV	271	W7CT	K0CCM
WB5GVY		N0KV	K7NII	264	K2KA
		NM5Z	KB7FUV	AC8L	K5QE
			W3HHN	K4JAF	KD4MYE
				N0TK	N5DTT
				NF1O	PY2XB
					W0PPA

WA2HFI/0	248 K1ZZ W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	K6HEW KF6GYM W9XT	224 JA8ISU NJ8J	N6PM NE1F W1AW W5RWF
256 JM1IGJ KL7NW N8ZJN	247 JA1UAV N5DD W3TEF		230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX K15FJ N2YU N6KW
255 K8MVZ KG4JPL N13K W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT N5PA	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL KC7OD VE3SYK WA7AJ
254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	237 K3KO	228 JM1SZY K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL K16X W0NBC
253 KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK N3FTI N9ATD W5AJX	227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW KK8MM N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W		219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HMK W6AER W6KAP
251 AD5JK K9QJ KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	233 K1AFC N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T
250 AA9LC KL0S NW6R	241 N6NU W5LO	232 IT9IPQ K5FO N9NJY WA2OTC	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ		216 K7RB N0IS	

208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	WX9M	N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R
207 N1BCL N8NJA			187 AA8R KQ0J		175 PV8BR
206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	193 K7PT K9AB KD2NF KF6XA	186 DJ5FI K6ZZ K8PT K9SG KN7K N0XLR N6ZE	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	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY
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	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC
203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD KN4PPD N9UA W1ATV W2OO WB0DBS	183 K5RQ N0UBL W2UDT WC4H	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ
202 K1BZ K5GJR WC7X WF8Z WQ5W	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W	189 KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL		
	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q	181 AB9FN K4CMS K5HDE KB8YKR	176 AD5ZA EA5BY K0DI KX9X	170 K9TVG N4GBK N8CN NA2U W1MJC

W4IHI	163	K9OHI	W7APM	K6JRA	W4GPM
W4JKC	K2JF	N3RN		K8MN	W4TUN
WK3V	K2YSY	N9KO	149	K8WU	W6DQ
	N5XZ	VE7VDX	AB6CF	N9DI	WA4KXY
169	162	155	K4SAN	W5MPC	139
K6XC	AF4GK	CT1BWU	KK9H	WO7GI	IZ8FFA
KD5OMJ	K0QB	K3TD	W3UA	YV4NN	KC7JPC
N2BEG	KA1R	K6XN	WB4VHF		KU0G
N5XES	KD4TDI	N5RMS		143	N7T
N7PHY	N5SIX	N7AU	148	K6JBH	NA2AA
VE3HHT	W9JJB	N9OBE	AC0DQ	K9QFR	NZ6N
W8KNO	W9VS	TG9ANF	AG0A	KB8RJS	W4OV
	WA1Z	VA3NQ	K0RU	N8URE (FM19)	WB2JIL
168	WB0WAO	WV8DX	K7IU	NA1VT	WY0V
AE4M			KB2YSI	W0HNM	
KG5ZMQ	161	154	N0TM	W0UHL	138
KS9J	K0KVR	AE4NT	N1TOR	WB0MMC	AC0XY
W2PD	K4EA	KB9VMW	N5ZBI	WM5H	AI6O
W8WEJ	KB3CWQ	KW4OV	PV8AJ		KD7WPJ
	KK9M	W3ZQN	W6VNQ (CM88)	142	KE0A
167	N2YBB		WB6RAB	N2ZA	KE3D
K4MQG	V44KAI	153		NA2X	KE8RO
KB1YNT	VE3LC	AA4NC	147	NC4VA	KQ4KX
KB9REV	W4HOG	AB4GG	AF6AV	W5SWV	N3XH
KE5EP	WA1LAD	K7AD	IZ1LBG	WA5TKU	
N0NHW		K7ZD	K6PSP	WS4V	137
NO0T	160	N1OFZ	KC1BUF		N1SZ
TG9ADQ	AB1QB	N2ADV	VE3CX	141	N5JGK
W1BAT	JA1AFR	N2WM	W4YCC	JA6RJK	SM7AED
	K5IQ	N6DHZ	W5WOX	K4AR	
166		W3DQS	WA0VPJ	K9ATX	136
I0WTD	159	W5FI	WA3YGQ	KT8TD	K0XXX
JA1OVD	G0OIL	W9ILY		N9FIV	K4SX
KC2GHT	K4MZ	WB5ZAM	146	NV4B	KC5LK
N5VU	NS7B		K2GW	W4FS	KC9AXZ
NC4RY	W1EME	152	K8YTO	W4POT	KJ5RM
VA3WEB	W4TTO	AA6I	KB0YH	W6ZI	KV1E
WB4KXS	WB8NUT	N0RC	KB5ZEA	WB9WHQ	NO1R
		N1NUM	KC2TN	WR7AY	W2JCN
165	158	NU1T	KM5TY		W4AVV
K4DXT	K8CR	UT7QF	N4HID	140	W7UV
KD5HPT	KI0D	WO4G	VA2RC	AC5DK	XE2JS
N3FX	N2CG		VE1VOX	BA4SI	
W0RIC		151		CO2WF	135
		OE6IMD	145	K7SAM	CU3EQ
164	157	W1ZT	KD7YZ	KC0MEZ	K4MWB
K2SD	K4FX	W2DXE	V31MD	KC8TMU	K8ZIZ
K5VWW	KB8GC		VA3TTX	KJ4KVC	LY3W
KD0UHN	KC2WUF	150	WA4JA	N1EN	N4DB
KF9US	WA7NB	KW4BY		N3VOP	N8XE
W4CSW		N9LAH	144	NJ0U	W6BXQ
WK7G	156	VE3OAT	K0TLG	VA3FLF	WB8BZK
WQ7F	K2KJ		K5TDW	VE3KY	

WW2DX	NG9R	125	VE6PY	KA4LBD	VE3IRR
XE1H	NO8D	AA7DK	VE7JAC	KF6MXK	W2JLK
	VE1DX	K3PU	WD0GTY	KI7BP	W2ZQ
134	VE2TZT	KC5DRI		KT8X	W4ALF
AB1NS	W0PHX	W2AJM	121	N1QDQ	W4UFO
AB4GE	W2LES	W3UQH	AE1P	N3JNX	WO2C
AD4TT	W3FEY	W4DFU	K0MFI	N5EIL	WX4US
C6ABB	WA2SEI	WA6POZ	K4HBI	W2AC / WB2ABK	
GM4UYE	WB4YDL	WB4OMM	K6USY	W2AC/WB2ABK 113	
KE5FXE	WW5W	WE1P	KB2WAL	WB2KSK	AB4PM
KF6UFO			KB5MH		AD5MD
N3AIU (DN70)	129	124	KE4JFS	117	HB9BZA
N8GOU	8P6ET	K0DLW	NE0P/9	AB5J	K3DQB
W4TKI	JF4VZT	KB0HH (EM06)	UR0MC	K4WS	KD4BPZ
WA3WZR	K0KD	KD5FTD	W8DN	N4USG	KD6VCD
	K5QWO	KM1C	WB9TFH	N5JEH*	KM5OL
133	KC8KSK	KT5MR		N5LPT	N3JDQ
KA5ETS	KF4NEF	N0SL	120	NA7L	N4YCI
KC1RET	KM5LY	N9AZZ	EA1YO	NU6V	N5YK
KE1VT	KM5SC	PV8AAS	K2CYE	W6WE	W0BM
KM8V	N9WBR	W0PE	K4AU	WA1TBV	W8MSP
W0RT		W1TAM	K4CGY	XE2PXN	W8VW
W4GE	128	W6SCQ	KD0R		WD0ENC
WI5D	JR2LJO	W7YM	KD4MZM	116	
WW7Q	KC7QAG	W9CDL	KD5BRF	IK7EOT	112
XE2O	KJ6SDF	WL7OU	KE4SCY (FM06)	K4RGN	EA4DEI
	KN4DMN		N3YPJ	KI6QDH	K2MLS
132	N1SFE	123	VE1JC	KU5B	K3GD
AB3CV	W0WT	AC7AF	VE3XK	N0VR	K5WTA
IC8TEM	W5ZO	K9SM	WA6RAY	NO0B	KA7T
K5VG	W8FR	KB0GT	WD4OHD	W0DHB	N5HMH
KW4G	WB2WEO	KB0STN			W1TR
N4PPH		KG6DHQ	119	115	W5DQ
N7TP	127	VE3TG	AE5AU	K9AAN	W6OAT
N8IK	AA9RK	W1HS	K0AWU	K9MMS	W7IV
NE1I	K3GYK	W3DIY	K1ZN	KE6TVM	W9PN
VE3TM	K7UV	W3SE	K2SQS	KF0QS	WA8TWM
WN6K	K8AC	W4PRZ	K4MSG	KF9AF	WG3K
	K8OS	W5EWF	K7JIZ	KM5FA	WX3P
131	KB3OZC	W7MHW	KF7PCL	N7VGO	XE1GK
JR1BAS	KB9TLV	W8BI	KP3V	UW5ZM	
K3NAT	KC0RQH	W8KHP	KT0P	VK9DX	111
KG9R	N6UTC	WA8WV	KW7N	WA3BZT	N0SLT
N2CJ	VE2JWH	WB2RVX	N4UPX	WC7V	PC3T
TF3JB	W1FLD		W0QC		W8GBH
	WA6BIL	122	W4SW	114	WZ8P
130		K7AED	W7QQ	AC8HU	
AB0X	126	K7OGW	WI4T	K2RET	110
JA3LZS	KJ7G	KA9JAC	WM9M	K3RTU	G4BWP
K0GUR	N0BDS	KB4UF		KC4GCK	K5KR
K4JKB	N7DGI	KB5WFE	118	KG9Z	K7LD
K8LG	WB4HUC	KC5UGX	J68AS	NF8M	KD5J
KC4NX	YL2AO	N5HYV	K4AZV	VE1WOW	KI0F

KP4JRS	N9OI	AC9QR	AB8JH	WD5IYT	KG9AP
KQ4LA	NF0T	IK4DRY	AD6KH		KR4UA
KX5U	US0KW	K5PPP	HB9EFK	100	M5MYH
N5TIF	W2TTT	KB9RNO	K0HAQ	AC0FT	N4FV
N5YM	WB4PPW	KC1LXO	K3HW	AI2S	N7HRT
W7JET		KC2TR	K9AM	AI9U	N7JPF
W7UP	106	KD9GKL	KA3ZLS	K2UA	N7TE
	K0MEI	KJ7OG	KB8CR	K4UQC	N8GHZ
109	K5BJW	KM6WXB	KC6WFS	K5GM	N8YV
AK6ZZ	K7BWH	KO4LZ	KC8DMN	K5KV	N9MKC
IW1ARB	K7JE	N0STP	KD8NYO	K8IJ	NB5R
K2DSW	KB0TIJ	N1LDY	KE1AU	K9CC	NH6CJ
K2JGL	KC7ICM	N2FBQ	KJ4M	KB9ZLB	NI5W
K2OO	KE5JXC	N3UPS	KR5V	KC2HLI	NS2P
K5DNL	KJ6MBW	N7AGF	N1HOQ	KC8CC	VE2HAY
K9GY	KK2DOG	NJ1H	VE7ZD	KC9CMT	W2HOG
KE6GLA	N0RQ	VE2PIJ	W4RVZ	KD3SW	W2VU
KJ6CA	N1USB	W1TE	W5DPT	KE5CVM	W5JLC
KZ7N	N2IPH	W1ZE	W5OV	KF0Q	W6TJU
N8TMW	N4CE	W4KVS	W7UT	KG5X	WA5TRX
N9TTX	N5FPW	W6ZQ	W9NFL	KJ5OA	WB5NHX
VE3AAQ	N5YHF	W9EBK	WA4IOB	N3TBB	WB7VVD
W0YJT	N8HM	W9MDB	WA8EQP	N4NIA	WK5X
W1OP	N9XMU	WB2VUO	WB5FDP	N5RZK	WW2R (EL09)
W4ZRZ	VA3OKG	WB8BZK/VE3		N5XTR	
W5MPC/1	VE3AJY		101	N7EME	98
W7RJR	WB6VYH	103	AE7V	N8COP	AC2RL
WB6YIY	WQ9F	AA5CK	K0IN	N8XS	AD8Y
WB9W		AB0YM	K0SBV	VP2MRM	K0KC
	105	AB5SS	K0WJ	W2CH	K0UD
108	AC4Q	K2OY	K2NUD	W4/KL7GLL	K3IXD
CF3VRQ	DS4EOI	K4MVL	K5DWI	W4OZK	K3QIA
JA9IPF	K4SJA	K8ZEE	K5HX	W8BZY	K4OP
JP7EIP	K9MAL	KA1W	K7SYS	W9DQ	K5HOB
K5OPB	KB3JGS	KB0FHP	KB1JDX	WA5TLP	KA1EKR
K7MDL	KC0JYT	KB2SGX	KB4KBS	WV9E	KE4LGL
N3MWQ	KC4KK	KC9FFV	KC6AWX		KG4YOU
VE3SUB	KF4DGS	KF0AIJ	KC8CSD	99	KG7E
VE7IG	KJ7TH	KF4DVG	KG8WB	AB0SD	KJ2G
VY2RU	N4NQY	KR4NO	KG9IL	AB3TM	KK0CQ
W4AMP	N5SAN	N0YXE	KL2R	K0YO	KY0Q
W4CRN	N7YY	N1JIF	KR4WM	K4KEW	N0JJQ
W5AAJ	NE9O	NF6P	KR7LD	K4WQ	N1JHJ
W8EH	PU4JOE	NN2D	N1IX	K4ZO	N3LRP
W9VNE	VE3VRQ	VE7DXG	N4AOE	K5VPQ	N5TEY
	W8MIL	W0TF	N8VEA	K7DD	N8AID
107	W9RVG	W3LEO	N9DVS	K7PAP	NO5X
JA3EGE	WA4MYO	W6IT	ON9CMR/W0	K9ZZE	NO8R
K5UIC		W6XU	VA2LGQ	KA0ZEE	VA3VF
KF7PG	104	XE1RBV	W4LLP	KC2IEB	VE4XTZ
KI9A	AB9YC		W5KBD	KC6X	W2KRP
KK4LUM	AC5K	102	W7ISG	KD4MWO	W6TE
N3TTT	AC5RN	AA9MY	WB8IMY	KD6RUH	WA2FGK

WA3TLT	K2CK	KI0SK	KF0LA	KD0QG	N6RPM
WB1GQR	K2UF	KW9U	KG4NLZ	KE6AZX	N7DED
WB2YDS	K2UNK	N1XK	KU4JZ	KE6UMW	NS6E
WD0E	K4EQH	N2SLO	KV3W	KE8RPJ	UT5JAJ
WH6LR	K5CRJ	N2WLS	N0LNE	KE9V	W1PV
WT5H	K8EMR	N3WAV	N0LP	KI0J	W2ACY
WV5Y	K9OT	N4ET	N2SU	KK7MNC	W2CVW
	KA2NDX	N5BLY	N3JBH	N2BX	W3ACO
97	KA3HED	N5ENU	N3XBG	N2YTF	W3GP
AB8M	KB5GI	N5KI	N3YUG	N3AO	W3HZU
AJ9C	KB8PNS	N9IV	N5ZMP	N3ZBK	W4BP
K0HB	KC0HBP	N9LJX	N6HY	N4GOA	W4LIA
K0JQZ	KD6PY	PY2KP	N6MXU	N4YHC	W6NS
K0QEI	KI5TE	VA3KS	N7NH	N7EGY	W8JV
K0SH	KM2O	VA3PZ	N7UN	N7JI	W9HBH
K0YQ	KM5NU	VE3KZ	N8WWM	N7KSI	WA3JKB
K3HZO (FN20)	KR4EE	VE3SPW	N9DD	NA9D	WA4EEZ
K4GTR	KS4V	W4YZJ	N9UNX	VA3JFF	WM3O
K4JQU	KT5RR	W5ADA	VA3MA	VA7QI	
K8XF	N0WVU	W5CBF	VE3RX	VE3WMD	91
KA2BSK	N2LID	W5RCQ	VE5MX	VK5PJ	AA0CW
KA7EII	N2VHZ	W7JWC	VE7AB	W0MHK	AD3Y
KC0YBM	N2XK	W9SX	W2GR	W2VTV	CO2WZ
KD5CKP	N8PAQ	WA2ONK	W3IPA	W3ZGD	K1UR
KF4KSN	N8YBY	WA3I	W3TA	W4VG	K4SPA
KM4NYI	NT2A	WA4WR	W4LNG	W5DMT	K6YK
KT5WB	NW5Q	WB2SIH	W5ODD	W5DWA	K7HPN
N1VMJ	NY2Z	WD8DOT	W5PUF	W7EIR	K8OI
N3UMA	VE2DCP	WS4S	W7NX	W7TRX	KB2YWU
N4BH	W1HMM	XE2AT	WA7LHZ	W9IFW	KB3IAI
N6MA	W3VHF		WA9BXB	W9NED	KB3NDS
N9APK	W4KK	94	WT9U	W9WI	KB4YKC
N9IO	W4TMR	AA4RP	WV7S	WA5ICA	KB7AZ
N9KY	W7JHS	AB4VT		WB5CON	KC5POV
NK7C	WA3EEC	AD1DX	93		KC8LGL
NU0Y	WB0M	AK8CW	AG2A	92	KE1IU
NV3K	WB5KJE	HK4SAN	AG6CV	K1EY	KE7RTB
VA3FIN	WP4LNY	K0ARM	Ai8F	K5GDX	KG4QWC
W3QT		K3BEE	K0IW	K5TDA	KI3O
W4CWA	95	K3TUF	K1PTF	K7FU	KI5BLU
W4DAS	AB9AI	K4JRK	K1ZK	K7HKR	KM7N
W4ID	AE0G	K4LDC	K2AK	K7UWR	KM9I
W7DN	AE5EO	K4NNX	K2MTS	KB0PQP	KQ6K
WA6OSX	IK8YTA	K8GT	K4DAM	KC4JNW	N3PPH
WA9LEY	K1PNQ	K9DOG	K5TRI	KD4QMY	N3WCM
WB8RVK	K4ED	K9SUL	K6RM	KE4WBO	N6DW
WB8ZTV	K8BB	KA2F	K7IP	KG4URP	N7CZ
WE8L	K8KFJ	KA9UVY	K7TRK	KR7X	N8DEZ
	K8ME	KB7AK	KB0USF	N2SG	NR4J
96	K8VD	KC0AUY	KC5TGT	N3GH	NU4N
AD5OW	KD7WH	KC3AK	KC5TT	N4VN	OE9KFV
AE4TQ	KD8DR	KD4VRZ	KC9TTR	N5QO	VA2BBW
AK4F	KD9ZR	KE3WM	KC9UL	N6FD	W2SUB

W4MLN	KF4TVL	N4GN	SV1RK	KB3HHA	79
W5KDA	KI0G	N4KIN	VA3MDB	KB9LIE	K4RW
WB0NRV	KI4FW	N4UC	VA7LM	KK7BV	K5JBT
WB7X	KI4US	N5VBK	VE7IRU	KU4WW	KB4DSL
WC4V	KR4U	NS3X	W8IW	N5PD	KP4N
XE1GZU	KT3X	NT4TN	WA1PMA	N6KTH	N2COP
	N2GZ	VE2VLJ	WB4GCS	SV2AEL	N5YJZ
90	N5KAE	W2BZR	XE2AU	TG9AKH	N9RC
AA0LM	N8YSZ	W3YX		W7USB	VE3CFK
AB4WL	N9RG	W4DL	85	WD6T	W2GW
AB9DU	N9UDX	W4R XR	AC9GK	WD9IOK	W2SKI
AF5BG	NE2U	W7HDD	EI3IO	WI6Z	WN0L
DL1SMA	VE3VCF	WA2BTR	K1UU	XE1MM	
JH4JNG	W0HRO	WA5MD	K4LRP		78
K1HC	W1HY	WK3N	KB3MXK	82	IZ8EDJ
K1KA	W2JEK	WV8O	KC0V	AD4IE	K2QPN
K3CWF	W2OK	XE1SOV	KE4DRF	CB0ZA	SP5QWB
K3UAL	W4ZMM		KK4AND	K3RJK	TG9AWS
K4AAP	W6V NQ	87	N2RJ	K4JMX	W4NE
K4FTP	W9HT	AC0A	N4LS	KA5WSS	
K4XZ	WA7SDI	AG4I	NJ1Q	KC5YKX	77
K8EAB	WB3IAL	K4JC	VE3GFN	KG4KVZ	K1IFJ
KA5TJI	WM6Y	K5UZ	VE7DAY	N1SF	MI0AYR
KB5FHK	WQ5C	K5WO	W1WV	PU8TEP	
KB7BSA	WR5AY	K6UIP	W3STU	W5DAS	76
KK4DZP	XE2NL	KB1VUN	W4IT	W5DM	K0WYN
KW3DX	XE3DX	KC8NAH	W4RA	W7YOZ	K6MAA
N2ULL		KE6WOX	W6ST	W8GG	KI4CYB
N4BRF	88	KI6RRD	W7SIR	WA2ONG	KI7WXP
N5BA	AA4QE	N0ELA	W8DQ		N1GNB
N9JJ	AE0DX	N2CJN	W9QY	81	N2MH/4
VA3XOV	AE4OF	NA5DX	WA4WKL	AB4I	
W9CPV	AF4MI	NE5S	WD4LSS	DF3CB	75
W9CSY	K1RS	N15F	WF4R	KE4DZU	G4RGK
WA2BEV	K3TN	NN7RM		N6MM	K3PP
WA8OJR	K4XD	W8GOC	84	N7NEV	K6VHF/HR9
WD9HCF	K7CTV	WB3IGR	CT3FT	NI4Y	K8QM
WE7H	K7WV	WB8JAY	K4EZY	W3MC	N5GH
WEST SEATTLE	W7XTEUR	WF4W	KE6NDG	WA4ZXV	NP3YL
WH6LE	K9JF		N1KI	WA8ZNC	W4LVH
WT4C	KB2KIR	86	N2NWS	XE1EE	W5UC
XE3/K5ENS	KC1GWX	AG1T	VE2WBK		WP4NEG
	KC3MLC	K7FB	W8PU	80	ZL3AAU
89	KE8UM	KA9OKH	W8SGR	AC6BW	
AB1TZ	KI2D	KB7JJG	ZS6NK	G4FKA	74
AG2AA	KI4RFM	KI6HQT		K7FR	AK8B
AG7NR	KJ4KW	KN4MMH	83	KE4PT	CX4AAJ
G4NBS	KU4S	KP4TB	AA6E	KR4Q	KF2TI
JQ1TIV	N0OK	KT1R	DL5XJ	KW1DX	LU4FPZ
K4BMM	N1CEO	N2NF	K1LH	N2NS	VE6SO
K5CX	N2MKT	N3MVF	K4SQC	VY2HF	VK4CZ
K5JAZ	N2ZN	N8TFD	K6JJ	W5TTY	WC6DX
KA0MWA	N4CAG	NZ3O	K8SIA	W7AM	

73 JF1IRW VP2MJD W4WT	W4CCS	53 K0BBC PP1CZ	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	JR3UIC PY2HN SP8NR VE6TA (DO31)
72 N4II PV8ADI	64 K3BQ WD5GRW (EM150C)	54 CT1ETE N8OFS OH4UI VE9FCP	38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX	18 AJ6V HL4GAV KJ4EU W0HBH
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	63 EA1DR HL2EIZ KB0RFY	50 N8MR	37 BA7NQ HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU	17 G3LZQ PY2XAT SP5XMU W0JM
70 GI4SJQ K4BNC KC0ZR N6GEO W2QO W4GP	62 HB9ALO K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R K15KC N6DBF NP3IR YL3HA	36 JA1WSK	25 EA4/K1WE	16 N6VHF SV8CKM TI2CDA
69 K3WGR W1YM WD4LBR	61 CU3AN K4MLB N0GVK US5WE	47 HB9RYZ JE1VTZ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C
68 AA4S EH7CD K6CF KJ7TEA	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ	34 G4SEU LA2QM	23 GM4ILS K4SLC KP4EIT	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL KF4JHG W7YED	58 KC6NBI SV8CS WA2MUA	44 HB9RUZ WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)W8MK	22 9H1SP IZ3ENH OE3SGU	13 K4WY PY2MC W4PWF
66 K6KLY KK4YEL UX1UA	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN K4ZIN	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	12 EA3GP F4ESV HB9DDZ IK2RPE
65 JA1XEC K4IM K5EJ N7UJJ OK1MP	56 K15WA LU8ADX NI6T	42 W0PR	31 K7TM	20 CX1FK I1FQH JM1KVW N1WC PY5EW W8LR	
	55 LA3MHA WA2EMF	41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	19 DL1TS EA6BB JI4WAO	
	54 AG4KI	40 HA5PT JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW		

JK1UNZ	LA3DV	DL2KQ	SV3FUO	VR2VGM
JN1RQV	N5ORT	EA1AR	YB2DX	WB7VUF
N1IW	NJ4Y	EA4D	YL2KF	YO8WW
ZS6WB	UR5FEO	G3LHJ		
	ZS4TX	HA9PP	1	
11		HL2ZN	3A2MW	
A65BR	6	IK0WRB	9A2EY	
DL2OE	CT2FEY	IK8EPC	AJ6T (EM66)	
EA4DAU	DL1TRK	JI1CHH	BD4UJ	
EA4ZK	DU0A	JM1GHT	CT1AHU	
G4CTY	EI2JC	JN1BPM	DH8BQA	
IZ4GWE	JA7NGE	JR6IQI	DJ3ZF	
JA2KVB	PY2VA	KC0Y	DL2DCX	
JA6QHJ		PY5IP	DL4ZAB	
PY2DV	5	SA7CJO	DS5DNO	
PY2GM	DL5LH	SV1VN	DS5TOS	
	EA1AAA	W1CBY	EA3WD	
10	EA7ZY	WD9EWK (DM43)	EA4GQS	
DL4CF	IK8GYS	YB1TJ	F1VEV	
HB9BOS	JI5USJ	YL2CA	G4CFS	
JH8RZJ	JJ1IDW	YL2MU	G4VSS	
JI2UDK	KB8VAO		G6MXL	
PA5KT	M1VPN	2	G7SQS	
SV2DCD	MU0GSY	5B4ALJ	G8TTI	
TF3Y	OK1IN	6K5XZE	IK5BSC	
UR7DWW	ON5UE	9A2GA	IW0AFS	
	PP2RON	9K2NO	IZ0BTV	
9	SK6QA	BV6CC	IZ2CSX	
DL7BA	VE2NGH	CO6CBF	IZ3DBA	
EB1EWE	VR2XMT	DF3VG	IZ5FSA	
EC7ZK	W1ZR	DF8FT	JA1GZK	
G6BFP	W2ZF	DK1CO	JA7DPC	
HB9GWJ	YL2CZ	EH4BPJ	JA7VXB	
IK3ITB		ES8JX	JH8XVT	
JA1MZL	4	F5TMJ	JI1HNC	
JA2FGL	CT7/RC2A	G0THY	JJ1PFC	
JE1LFX	DD6UAH	G4DDL	JL2ULM	
KD3UY	EK/RX3DPK	G8GNI	JN3ONX	
S51NM	F1DFR	G14ONL	KC3KJQ	
	GM4CFS	IK1IYU	KG4JSZ	
8	GM4KHE	IK2GOQ	KH6WI	
DK2LO	IV3GOW	IZ8XQC	KP4DER	
JA1CPU	JG1JPE	JA6AVT	MM0INH	
JE3PCP	JH7IMX	JA6SZV	OK1UU	
JJ2NWI	JH7IPR	JA9FAI	ON6NA	
N8RO	JK6DXD	JH3MHI	OZ1IKY	
OH8LXT	UT5EL	JP1HDK	PU5SVE	
	VK4ZP	K4KZM	SM3GBA	
7	XE1SAX	K7LY	SM6LPG	
DH0GSU		KEN IN NEBRASKA	SP7EXY	
G8APB	3	LA2CQ	SQ5NRY	
IZ0INX	DF1ZN	OH3KAV	UN8G	
JA2NDQ	DJ5AV	SV1XV	UR5EDX	