

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 (03 Jun 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	AF5CC	K7KQA	462	N9BX
K5WE	W7JW	A11K	W6XK	K6ZH	NE1B
K7CW	W7KNT	K7BG		N6ORB	
K7ULS	W7MEM		473		451
K8SIX	W9FF	483	N4TB	461	K5WBM
K9CT	W9JN	AC0RA	NQ7R	N4JQQ	KD3CQ
KA9CFD	W9RM	K1USA	WB0O	NA9RB	
KA9FOX	W9XX	W0VTT			450
KD5M	WD5K	W5TRL	472	460	KF8MY
KG5CCI	WQ5S	WB0ULX	KB7ME	K4SO	
KM0A	WS9V		ND4X	KF0M	449
KM0T		482	WD8JJA		K3SX
KO9A	487	K0BJ	WE9R	459	KF6HI
KR7O	K0SIX	KX4R		N5NA	W8TN
KV5W	K1TO		470		
N0LL	K7MAC	481	WO7R	458	448
N0LWF	K9YY	KC7QY		K9NW	KP4AJ
N0PB	N0AKC	N5WS	468	KG5THG	W3LPL
N0TB	N7CW	W9VHF	N5EKO	N9BCA	
N1AV	N7IR	WA7HQD	VE3EK	NA6MG	447
N3SL	N9ISN				AH0U
N3XX	NA6L	480	467	457	KS7S
N5DG	W3IP	K5GZR	NY0V	K4HB	N2NL
N5OMG		N4WW		N9PGG	N4SC
N6JV	486	XE2OR	466	NI0G	WB7CJO
N7NW	K0TPP		KA0JGH	W3UR	
N9LB	K5ND	479	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	417 NJ6D WW1L	K8EB N4UFO	393 K1GG K7XC KV7N	380 K7MCX NE6I WA5LFD
444 N7BAV	432 K6GXO N6KK	416 K4RWP K7ND KO4MA NI0P	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF	379 AB9BH N8WNA
443 AB4IQ N4MM	431 K0TLM	415 K7AWB NZ3M W0GJ	404 K8JH N2ZX VE4EAR W5SUM	391 AD5A W4AVY W6TMD	378 WR7X
442 AG9S N2QT N4TL	430 K1TEO	414 K0DEQ N0GZ W4TV	403 NH6T/W4	390 AB4SF KZ2I	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	429 K4ZOT K8ZR WA5JCI	413 AE5FM WA9LFO	402 K3FM K7SMA	388 K0IP W4WRL	376 K8GI K8VFX N2WK N3OC
440 W2IRT	428 K9APW	412 VE2XK 6M FN07PJ	401 K4CKS	387 KV4T N4CH	375 K6QG WB4OQX
439 N4QWZ NM5U	427 W0RH	411 N9EAT	400 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	374 K0TT KV7K N6GP N7DB NY1V
437 K5RT KK4MA N5TJ	426 N5OK W5JAY	410 KB0V KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA	373 K4SSO
436 N9FN W3TC WB8ART	425 K6ML	409 AA1ON N1EVK N5SYV	397 KE4TH	384 K8ROK W7FI	372 JA7QVI
435 K5XI KF6A	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	396 K6VHF KB8U	383 K10E W5MO	371 AA4ZZ N3PS WA6BYA
434 K1SIX K8ROX VE3LYC W3LL	423 AJ4A W4DR	407 W4AS W5CIA W5PR	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V W4FC
	422 VE6WQ WB5JID	406 AK3E K6FG	394 AA5JF K2TER K6RO KT8O	381 AG4W W3VZ	

369 KF8UN N2DPF	357 K4LVV	KB0PE N8LRG W1OW	KM3V KN4NN W4ER W9GKA WA7PDC	W2CNS WB3LHD	317 KA8SYV VE3XN W1SKU W3HDDH
368 K0DD W5RCI W6GMT	355 KD5XB	343 AB4EJ K5EK N3RC N6KZ	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU W7YA	316 K3FN KA0ABA W4UCK W9BWR
367 KC4HW KR4BD W7YAAQ	353 AF2K K0CS	341 KD7DCR N8HRZ NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	315 K5VH NY2NY XE1AO
366 KI7JA	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	325 WA2AEY WX0Z	314 KU4XO
365 K4JJW K7XB KG7CW	351 AA4FL K5DTC	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW W3TI	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 JE1BMJ N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
364 AB5EB K0RAR N6QQ	350 N6VI N8YO	338 N9JR NA5Z VE3SXE W9XA WA5KBH	330 KB8MBC KG6AY W8PI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
363 W4NH	349 KA0BAD W8LMG	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G	322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
362 W1JR WA5OLT	348 N1JFU NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	328 K6ME N5PT	321 N0LD NC7B NS4C W9VA	310 K1ST N1NK W9KVR WO4DX
361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	347 W2HRO	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX		320 N4DW	
360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH			319 KF2T N7US	309 AA9RR
358 K5RLA K6EME KG8P NK0S	344 K6FW			318 W4HY	308 WA4HFN

307 AG1A KE5K W3ATV W9RPM	W8UV WB5GVY	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	280 AD7OV N0KV NM5Z W1FKF	271 K7NII KB7FUV W3HHN W3SW	264 AC8L K4JAF N0TK NF1O
306 K4QE KE8Y WB0OQV WV9L	298 K0MLD KD4WSC N4IQ	288 K1NU W1DU W4HLR	279 N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	263 AK4PR K9AAA WB7QBS
305 K3VAT K6UM (CM88) KT1J WA9M	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	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 XE1YY	285 AB0S K5CZD K9UO KK0DX	277 AC7JM K5KEW PV8DX	268 K6OJ K10HA N9ZTS W0KAN WB9PNU	261 AF2F K3TWK KB8UUZ N3EW W6TCP
303 EA8DBM K8TGC K8TL N7LAN	294 K2UU K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 HC1BI K2CS K5TWJ K7TAB W9OO	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	260 K6JAD N6HC NT7C XE1YD
302 KB2TGU N3KN	293 K3AX K4KJZ KL7HBK	283 N5OHL WA0FQK WB0CQO	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	282 AA0ZP K0PG K5TA N8JCM W4WM	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	281 AA8MA JR1LZK K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	272 KF8QL KO4PRE N4SV	257 K0CCM
299 DK8NE VE6WK W1LE	290 WA8EFK				

K2KA	249	W5LO	232	WQ6Q	NA5C
K5QE	CT1IUA		IT9IPQ		
KD4MYE	K7LOL	240	K5FO	225	217
N5DTT	K8AO	KK4ZUU	KK8MM	AC9O	ND4V
PY2XB	KQ5U	KO6LU	N9NJY	KX9X (EN50)	W4DEE
W0PPA	N1GC	VA3HP	WA2OTC	N2WSY	
WA2HFI/0	N5SMQ	W1VT		PV8AZ	216
		WA2VJL		W8AKS	K7RB
256	248		231	WN6W	N0IS
JM1IGJ	K1ZZ		A19L		N6PM
KL7NW	W6VFA	239	K4MIJ	224	NE1F
N8ZJN		K9MQ	K6HEW	JA8ISU	W1AW
		KF4LVF	KF6GYM	NJ8J	W5RWF
	247	MD0CCE	W9XT		
255	JA1UAV	W6RW		223	215
K8MVZ	N5DD	W9YOY/M	230	K7UA	AL7OC
KG4JPL	W3TEF	WA3SEE	K1ZE	NJ7A	K2SX
NI3K		WB1FLD	KO4MM		KI5FJ
W4HFZ	246		VA3XJ	222	N2YU
WA8KNE	K0DAS	238	WB0WAO/8	K0YY	N6KW
	K8YC	AA3GM		K2TV	
254	KK8X	JP1LRT	229	K3AJ	214
N7QOZ	N5TIT		K6RG	KA1LMR	JA7MSQ
NR0Q	W4FRA	237	KB9RUG	KD4K	KB9PJL
VE3OTL	WI7P	K3KO	KD5IKG	WA2BOT	KC7OD
WD5ITW			KE4UW		VE3SYK
	245	236	N4NX	221	WA7AJ
253	N1IA	K0SU	NN5DX	K5WMH	
KG4ERR	N3XF	K4NK	W5LUA	K6CQR	213
N2XQM	VA3CW	N3FTI		N0PSJ	K3DFL
		N9ATD	228	N4ION	KI6X
252	244	W5AJX	JM1SZY	N5UWY	W0NBC
AB5A	K8DV		K5RUS	W4IFI	
CT1EEB	N3AIU (FM08)	235	K7HSJ	W5JMW	212
F4BKV	N4JRY	ND0C	KF2ZQ		AB5C
K1ACL	VA3ZV	NN9X	N8AIA	220	JF8QNF
K3NK	VE3VHB	VO1GO	W5HEZ	K7BTW	JR3REX
N9ATF	W0VD	WB6RJH		N7XCZ	KF7NN
NN4RR	WD4IXD	WT2P	227		N1SV
VE6NTT		WZ9W	K3HPA	219	N2OA
	243		K8ZT	K1DT	
251	JA1QJI	234	K9TF	K2RKJ	211
AD5JK	K3TC	KE6FCT	KS9A	KE5RV	K9FOH
K9QJ	W4EJ		W4KXY	W6DPD	NE8S
KG7NV	YV1DIG	233	XE1GLL	W7ZSL	VE3SMA
NN4SS		K1AFC		WB2WIH (FN20)	W2ZDP
W2LV	242	N9NJS	226		W5HNC
	AE4WG	VE7VZ	AF5WN	218	W6AER
250	K3WW	W3DF	GD0TEP	K1XH	W6KAP
AA9LC	KA3TCC	W8PAT	N7CNH	K4IJQ	
KL0S		W9TD	N8UR	K5HPT	210
NW6R	241	XE1L	NM5S	KB8KVJ	K3MSB
	N5PA		W0VX	KC0VDY	K9YC
	N6NU		W8RD		

KL7NO	W9GFB	N5DUW	189	K8WK	NY4I
N1TQ	W9VOB	W2AMR	KC0MEA	NZ1I	SM7FJE
N6UK	WA1KPD	XE2ED	WA5VKS	W9JJ	W5ZG
WQ9T		XE2W		XE1CL	WA8UEG
	202		188		
209	K1BZ	195	AD7KI	181	176
AA4IB	K5GJR	AA4W	KD4HLG	AB9FN	AD5ZA
W5WGF	WC7X	K2WJ	W4AZR	K4CMS	EA5BY
WA4NFO	WF8Z	K6VDP	WA7VHF	K5HDE	K0DI
XE2N	WQ5W	KG6WIK	WU9Q	KB8YKR	KX9X
			WX9M	N3XJX	N5QGH
208	201	194		N4DTF	N9ARX
AI2N	AA7WB	K2MRK	187	N9MSG	NP4BM
CO8DM	KC5FP	K3EA	AA8R	NY0A	W5AFD
KD5HIO	KO9V	N3FA	KQ0J	W4RBO	WA5IPS
PV8ABC	KR0I	N9NFT		W9BS	WW2R
	NN0K	WF1H	186	WJ1B	
207	NR2C	WK8A	DJ5FI		175
N1BCL	WA1MKE		K6ZZ	180	PV8BR
N8NJA	WA9ASZ	193	K8PT	K0OST	
		K7PT	K9SG	K4LYN	174
206	200	K9AB	KN7K	KC1MMC	K3MD
AB0CT	4A2MAX	KD2NF	N0XLR	N1RK	K6WRL
AK4Y	K4YJ	KF6XA	N6ZE	N6PEQ	KC0IYT
CT3MD	LU4FW			N6VH	KC6ZWT
K4GHS	N5AO	192	185	W5HI	KG7P
K9YC (EN61)	N9AG	N1LF	AD6W		KU0A
KB0LYL	VA3VU	N2NB	KD5BQT	179	N1MGO
NA5Q		N3CAL	KU4UC	K1EP	NA2NY (ex-NA1VT)
W0BNE	199	N3NR	NA2R	KU4WD	NA6O
W4EJG	N3KfV	N4LXB	PY5CC	N0LIE	W3SO
XE1J	W4OEP	N4TV	W3OU	N0MMA	WA2PNI
	WB0YEA	W6MTR	W5BPT	NH7RO	
205		W8FN	XE1R	VA3DPB	173
AF4OD	198			W8LHP	K2ZZ
K8SD	AC8TO	191	184	WA4QMQ	K5YPV
KE4HOA	JR2HCB	K0ITC	4O3A		KE4SCY
N5ITO	N0UK	K9CS	AF5Q	178	
W8QID	N7EPD	KK6OH	K0DEW	KA2AYR	172
	NX0I	N9AMW	KR4M	KB0EO	AB9KZ
204	W8DM	WA2BKN	N1IBM	KB1RZA	K5ZED
KO0Z	WA7KYM	WA5CAM	N4BG	KG5RJ	KI4PKW
LU2DX		WD4JHD		N1ZUK	KJ6HI
WA3DRC	197		183	NQ2O	VE2PN
	K3EGE	190	K5RQ	VE3NRT	W4ABC
203	N4BAF	K5DB	N0UBL	W0ZY	
K0VSV	W3TW	K5ER	W2UDT	W1MAD	171
K5HYT	W5CTV	KC2DLD	WC4H	WY7FD	AA4PB
K5LOW		KN4PPD			HP2AT
N0HF	196	N9UA	182	177	KC5GSK
N8SYF	K0AIZ	W1ATV	AJ6T CM87	AG4ZE	KC5YCH
W1RM	K0NR	W2OO	FP/KV1J	K2QQ	KI4TZ
W3SZ	KD3HN	WB0DBS	K5GMX	KI4BWW	NS3L

W1PX	W0RIC	KI0D	UT7QF	VA2RC	140
W6IA		N2CG	WO4G	VE1VOX	AC5DK
WA2KBZ	164				BA4SI
170	K2SD	157	151	145	CO2WF
K9TVG	K5VWW	K4FX	OE6IMD	KD7YZ	K7SAM
N4GBK	KD0UHN	KB8GC	W1ZT	V31MD	KC0MEZ
N8CN	KF9US	KC2WUF	W2DXE	VA3TTX	KC8TMU
NA2U	W4CSW	WA7NB		WA4JA	KJ4KVC
W1MJC	WK7G		150		N1EN
W4IHI	WQ7F	156	KW4BY	144	N3VOP
W4JKC		IZ8FFA	N9LAH	K0TLG	NJ0U
WK3V	163	K2KJ	VE3OAT	K5TDW	VA3FLF
	K2JF	K9OHI	W7APM	K6JRA	VE3KY
169	K2YSY	N3RN		K8MN	W4GPM
K6XC	N5XZ	N9KO	149	K8WU	W4TUN
KD5OMJ		VE7VDX	AB6CF	N9DI	W6DQ
N2BEG	162		K4SAN	W5MPC	WA4KXY
N5XES	AF4GK	155	KK9H	WO7GI	
N7PHY	K0QB	CT1BWU	W3UA	YV4NN	139
VE3HHT	KA1R	K3TD	WB4VHF		KC7JPC
W8KNO	KD4TDI	K6XN		143	KU0G
	N5SIX	N5RMS	148	K6JBH	N7T
168	W9JJB	N7AU	AC0DQ	K9QFR	NA2AA
AE4M	W9VS	N9OBE	AG0A	KB8RJS	NZ6N
KG5ZMQ	WA1Z	TG9ANF	K0RU	N8URE (FM19)	W4OV
KS9J	WB0WAO	VA3NQ	K7IU	NA1VT	WB2JIL
W2PD		WV8DX	KB2YSI	W0HNM	WY0V
W8WEJ	161	154	N0TM	W0UHL	
	K0KVR	AE4NT	N1TOR	WB0MMC	138
167	K4EA	KB9VMW	N5ZBI	WM5H	AC0XY
K4MQG	KB3CWQ	KW4OV	PV8AJ		AI6O
KB1YNT	KK9M	W3ZQN	W6VNQ (CM88)	142	KD7WPJ
KB9REV	N2YBB		WB6RAB	N2ZA	KE0A
KE5EP	V44KAI	153		NA2X	KE3D
N0NHW	VE3LC	AA4NC	147	NC4VA	KE8RO
NO0T	W4HOG	AB4GG	AF6AV	W5SWV	KQ4KX
TG9ADQ	WA1LAD	K7AD	IZ1LBG	WA5TKU	N3XH
W1BAT		K7ZD	K6PSP	WS4V	
166	160	N1OFZ	KC1BUF	141	137
I0WTD	AB1QB	N2ADV	VE3CX	JA6RJK	N1SZ
JA1OVD	JA1AFR	N2WM	W4YCC	K4AR	N5JGK
KC2GHT	K5IQ	N6DHZ	W5WOX	K9ATX	SM7AED
N5VU	159	W3DQS	WA0VPJ	KT8TD	
NC4RY	G0OIL	W5FI	WA3YGQ	N9FIV	136
VA3WEB	K4MZ	W9ILY		NV4B	K0XXX
WB4KXS	NS7B	WB5ZAM	146	W4FS	K4SX
	W1EME		K2GW	W4POT	K6US
165	W4TTO	152	K8YTO	W6ZI	KC5LK
K4DXT	WB8NUT	AA6I	KB0YH	WB9WHQ	KC9AXZ
KD5HPT		N0RC	KB5ZEA	WR7AY	KJ5RM
N3FX	158	N1NUM	KC2TN		KV1E
	K8CR	NU1T	KM5TY		NO1R
			N4HID		W2JCN

W4AVV	131	K8OS	W4PRZ	K7JIZ	KM5FA
W7UV	JR1BAS	KB3OZC	W5EWF	KF7PCL	N7VGO
XE2JS	K3NAT	KB9TLV	W7MHW	KP3V	UW5ZM
	KG9R	KC0RQH	W8BI	KT0P	VK9DX
135	KT3X	N6UTC	W8KHP	KW7N	WA3BZT
CU3EQ	N2CJ	VE2JWH	WA8WV	N4UPX	WC7V
K4MWB	TF3JB	W1FLD	WB2RVX	W0QC	
K8ZIZ		WA6BIL		W4SW	114
LY3W	130		122	W7QQ	AC8HU
N4DB	AB0X	126	K7AED	WI4T	K2RET
N8XE	JA3LZS	KJ7G	K7OGW	WM9M	K3RTU
W6BXQ	K0GUR	N0BDS	KA9JAC		KC4GCK
WB8BZK	K4JKB	N7DGI	KB4UF	118	KG9Z
WW2DX	K8LG	WB4HUC	KB5WFE	J68AS	NF8M
XE1H	KC4NX	YL2AO	KC5UGX	K4AZV	VE1WOW
	NG9R		N5HYV	KA4LBD	VE3IRR
134	NO8D	125	VE6PY	KF6MXK	W2JLK
AB1NS	VE1DX	AA7DK	VE7JAC	KI7BP	W2ZQ
AB4GE	VE2TZT	K3PU	WD0GTU	KT8X	W4ALF
AD4TT	W0PHX	KC5DRI		N1QDQ	W4UFO
C6ABB	W2LES	W2AJM	121	N3JNX	WO2C
GM4UYE	W3FEY	W3UQH	AE1P	N5EIL	WX4US
KE5FXE	WA2SEI	W4DFU	K0MFI	W2AC / WB2ABK	
KF6UFO	WB4YDL	WA6POZ	K4HBI	W2AC/WB2ABK	113
N3AIU (DN70)	WW5W	WB4OMM	KB2WAL	WB2KSK	AB4PM
N8GOU		WE1P	KB5MH		AD5MD
W4TKI	129		KE4JFS	117	HB9BZA
WA3WZR	8P6ET	124	NE0P/9	AB5J	K3DQB
	JF4VZT	K0DLW	UR0MC	K4WS	KD4BPZ
133	K0KD	KB0HH (EM06)	W8DN	N4USG	KD6VCD
KA5ETS	K5QWO	KD5FTD	WB9TFH	N5JEH*	KM5OL
KC1RET	KC8KSK	KM1C		N5LPT	N3JDQ
KE1VT	KF4NEF	KT5MR	120	NA7L	N4YCI
KM8V	KM5LY	N0SL	EA1YO	NU6V	N5YK
W0RT	KM5SC	N9AZZ	K2CYE	W6WE	W0BM
W4GE	N9WBR	PV8AAS	K4AU	WA1TBV	W8MSP
WI5D		W0PE	K4CGY	XE2PXN	W8VW
WW7Q	128	W1TAM	KD0R		WD0ENC
XE2O	JR2LJO	W6SCQ	KD4MZM	116	
	KC7QAG	W7YM	KD5BRF	IK7EOT	112
132	KJ6SDF	W9CDL	KE4SCY (FM06)	K4RGN	EA4DEI
AB3CV	KN4DMN	WL7OU	N3YPJ	KI6QDH	K2MLS
IC8TEM	N1SFE		VE1JC	KU5B	K3GD
K5VG	W0WT	123	VE3XK	N0VR	K5WTA
KW4G	W5ZO	AC7AF	WA6RAY	NO0B	KA7T
N4PPH	W8FR	K9SM	WD4OHD	W0DHB	N5HMH
N7TP	WB2WEO	KB0GT			W1TR
N8IK		KB0STN	119	115	W5DQ
NE1I	127	KG6DHQ	AE5AU	K9AAN	W6OAT
VE3TM	AA9RK	VE3TG	K0AWU	K9MMS	W7IV
WN6K	K3GYK	W1HS	K1ZN	KE6TVM	W9PN
	K7UV	W3DIY	K2SQS	KF0QS	WA8TWM
	K8AC	W3SE	K4MSG	KF9AF	WG3K

WX3P	VE7IG	KJ7TH	KF4DVG	KG8WB	99
XE1GK	VY2RU	N4NQY	KR4NO	KG9IL	AB0SD
	W4AMP	N5SAN	N0YXE	KL2R	AB3TM
111	W4CRN	N7YY	N1JIF	KR4WM	K0YO
N0SLT	W5AAJ	NE9O	NF6P	KR7LD	K4KEW
PC3T	W8EH	PU4JOE	NN2D	N1IX	K4WQ
W8GBH	W9VNE	VE3VRQ	VE7DXG	N4AOE	K4ZO
WZ8P		W8MIL	W0TF	N8VEA	K5VPQ
	107	W9RVG	W3LEO	N9DVS	K7DD
110	JA3EGE	WA4MYO	W6IT	ON9CMR/W0	K7PAP
G4BWP	K5UIC		W6XU	VA2LGQ	K9ZZE
K5KR	KF7PG	104	XE1RBV	W4LLP	KA0ZEE
K7LD	KI9A	AB9YC		W5KBD	KC2IEB
KD5J	KK4LUM	AC5K	102	W7ISG	KC6X
KI0F	N3TTT	AC5RN	AA9MY	WB8IMY	KD4MWO
KP4JRS	N9OI	AC9QR	AB8JH	WD5IYT	KD6RUH
KQ4LA	NF0T	IK4DRY	AD6KH		KG9AP
KX5U	US0KW	K5PPP	HB9EFK	100	KR4UA
N5TIF	W2TTT	KB9RNO	K0HAQ	AC0FT	M5MYH
N5YM	WB4PPW	KC1LXO	K3HW	AI2S	N4FV
W7JET		KC2TR	K9AM	AI9U	N7HRT
W7UP	106	KD9GKL	KA3ZLS	K2UA	N7JPF
	K0MEI	KJ7OG	KB8CR	K4UQC	N7TE
109	K5BJW	KM6WXB	KC6WFS	K5GM	N8GHZ
AK6ZZ	K7BWH	KO4LZ	KC8DMN	K5KV	N8YV
IW1ARB	K7JE	N0STP	KD8NYO	K8IJ	N9MKC
K2DSW	KB0TIJ	N1LDY	KE1AU	K9CC	NB5R
K2JGL	KC7ICM	N2FBQ	KJ4M	KB9ZLB	NH6CJ
K2OO	KE5JXC	N3UPS	KR5V	KC2HLI	NI5W
K5DNL	KJ6MBW	N7AGF	N1HOQ	KC8CC	NS2P
K9GY	KK2DOG	NJ1H	VE7ZD	KC9CMT	VE2HAY
KE6GLA	N0RQ	VE2PIJ	W4RVZ	KD3SW	W2HOG
KJ6CA	N1USB	W1TE	W5DPT	KE5CVM	W2VU
KZ7N	N2IPH	W1ZE	W5OV	KF0Q	W5JLC
N8TMW	N4CE	W4KVS	W7UT	KG5X	W6TJU
N9TTX	N5FPW	W6ZQ	W9NFL	KJ5OA	WA5TRX
VE3AAQ	N5YHF	W9EBK	WA4IOB	N3TBB	WB5NHX
W0YJT	N8HM	W9MDB	WA8EQP	N4NIA	WB7VVD
W1OP	N9XMU	WB2VUO	WB5FDP	N5RZK	WK5X
W4ZRZ	VA3OKG	WB8BZK/VE3		N5XTR	WW2R (EL09)
W5MPC/1	VE3AJY		101	N7EME	
W7RJR	WB6VYH	103	AE7V	N8COP	98
WB6YIY	WQ9F	AA5CK	K0IN	N8XS	AC2RL
WB9W		AB0YM	K0SBV	VP2MRM	AD8Y
	105	AB5SS	K0WJ	W2CH	K0KC
108	AC4Q	K2OY	K2NUD	W4/KL7GLL	K0UD
CF3VRQ	DS4EOI	K4MVL	K5DWI	W4OZK	K3IXD
JA9IPF	K4SJA	K8ZEE	K5HX	W8BZY	K3QIA
JP7EIP	K9MAL	KA1W	K7SYS	W9DQ	K4OP
K5OPB	KB3JGS	KB0FHP	KB1JDX	WA5TLP	K5HOB
K7MDL	KC0JYT	KB2SGX	KB4KBS	WV9E	KA1EKR
N3MWQ	KC4KK	KC9FFV	KC6AWX		KE4LGL
VE3SUB	KF4DGS	KF0AIJ	KC8CSD		KG4YOU

KG7E	VA3FIN	WP4LNY	K0ARM	AG6CV	92
KJ2G	W3QT		K0JDD	AI8F	K1EY
KK0CQ	W4CWA	95	K3BEE	K0IW	K5GDx
KY0Q	W4DAS	AB9AI	K3TUF	K1PTF	K5TDA
N0JJQ	W4ID	AE0G	K4JRK	K1ZK	K7FU
N1JHJ	W7DN	AE5EO	K4LDC	K2AK	K7HKR
N3LRP	WA6OSX	IK8YTA	K4NNX	K2MTS	K7UWR
N5TEY	WA9LEY	K1PNQ	K8GT	K4DAM	KB0PQP
N8AID	WB8RVK	K4ED	K9DOG	K5TRI	KC4JNW
NO5X	WB8ZTV	K8BB	K9SUL	K6RM	KD4QMY
NO8R	WE8L	K8KFJ	KA2F	K7IP	KE4WBO
VA3VF		K8ME	KA9UVY	K7TRK	KG4URP
VE4XTZ	96	K8VD	KB7AK	KB0USF	KR7X
W2KRP	AD5OW	KD7WH	KC0AUY	KC5TGT	N2SG
W6TE	AE4TQ	KD8DR	KC3AK	KC5TT	N3GH
WA2FGK	AK4F	KD9ZR	KD4VRZ	KC9TTR	N4VN
WA3TLT	K2CK	KI0SK	KE3WM	KC9UL	N5QO
WB1GQR	K2UF	KW9U	KF0LA	KD0QG	N6FD
WB2YDS	K2UNK	N1XK	KG4NLZ	KE6AZX	N6RPM
WD0E	K4EQH	N2SLO	KU4JZ	KE6UMW	N7DED
WH6LR	K5CRJ	N2WLS	KV3W	KE8RPJ	NS6E
WT5H	K8EMR	N3WAV	N0LNE	KE9V	UT5JAJ
WV5Y	K9OT	N4ET	N0LP	KI0J	W1PV
	KA2NDX	N4ET	N2SU	KK7MNC	W2ACY
97	KA3HED	N5BLY	N3JBH	N2BX	W2CVW
AB8M	KB5GI	N5ENU	N3XBG	N2YTF	W3ACO
AJ9C	KB8PNS	N5KI	N3YUG	N3AO	W3GP
K0HB	KC0HBP	N9IV	N5ZMP	N3ZBK	W3HZU
K0JQZ	KD6PY	N9LJX	N6HY	N4GOA	W4BP
K0QEI	KI5TE	PY2KP	N6MXU	N4YHC	W4LIA
K0SH	KM2O	VA3KS	N7NH	N7EGY	W6NS
K0YQ	KM5NU	VA3PZ	N7UN	N7JI	W8JV
K3HZO (FN20)	KR4EE	VE3KZ	N8WWM	N7KSI	W9HBH
K4GTR	KS4V	VE3SPW	N9DD	NA9D	WA3JKB
K4JQU	KT5RR	W4YZJ	N9UNX	VA3JFF	WA4EEZ
K8XF	N0WVU	W5ADA	VA3MA	VA7QI	WM3O
KA2BSK	N2LID	W5CBF	VE3RX	VE3WMD	
KA7EII	N2VHZ	W5RCQ	VE5MX	VK5PJ	91
KC0YBM	N2XK	W7JWC	VE7AB	W0MHK	AA0CW
KD5CKP	N8PAQ	W9SX	W2GR	W2VTV	AD3Y
KF4KSN	N8YBY	WA2ONK	W3IPA	W3ZGD	CO2WZ
KM4NYI	NT2A	WA3I	W3TA	W4VG	K1UR
KT5WB	NW5Q	WA4WR	W4LNG	W5DMT	K4SPA
N1VMJ	NY2Z	WB2SIH	W5ODD	W5DWA	K6YK
N3UMA	VE2DCP	WD8DOT	W5PUF	W7EIR	K7HPN
N4BH	W1HMM	WS4S	W7NX	W7TRX	K8OI
N6MA	W3VHF	XE2AT	WA7LHZ	W9IFW	KB2YWU
N9APK	W4KK	94	WA9BXB	W9NED	KB3IAI
N9IO	W4TMR	AA4RP	WT9U	W9WI	KB3NDS
N9KY	W7JHS	AB4VT	WV7S	WA5ICA	KB4YKC
NK7C	WA3EEC	AD1DX		WB5CON	KB7AZ
NU0Y	WB0M	AK8CW	93		KC5POV
NV3K	WB5KJE	HK4SAN	AG2A		KC8LGL

KE1IU	WA8OJR	K7CTV	WB3IGR	84	N7NEV
KE7RTB	WD9HCF	K7WV	WB8JAY	CT3FT	NI4Y
KG4QWC	WE7H	K7ZVY	WF4W	K4EZY	W3MC
KI3O	WEST SEATTLE	KA1ATEUR		KE6NDG	WA4ZXV
KI5BLU	WH6LE	KB2KIR	86	N1KI	WA8ZNC
KM7N	WT4C	KC1GWX	AG1T	N2NWS	XE1EE
KM9I	XE3/K5ENS	KC3MLC	K7FB	VE2WBK	
KQ6K		KE8UM	KA9OKH	W8PU	80
N3PPH	89	KI2D	KB7JJG	W8SGR	AC6BW
N3WCM	AB1TZ	KI4RFM	KI6HQT	ZS6NK	G4FKA
N6DW	AG2AA	KJ4KW	KN4MMH		K7FR
N7CZ	AG7NR	KU4S	KP4TB	83	KE4PT
N8DEZ	G4NBS	N0OK	KT1R	AA6E	KR4Q
NR4J	JQ1TIV	N1CEO	N2NF	DL5XJ	KW1DX
NU4N	K4BMM	N2MKT	N3MVF	K1LH	N2NS
OE9KFV	K5CX	N2ZN	N8TFD	K4SQC	VY2HF
VA2BBW	K5JAZ	N4CAG	NZ3O	K6JJ	W5TTY
W2SUB	KA0MWA	N4GN	SV1RK	K8SIA	W7AM
W4MLN	KF4TVL	N4KIN	VA3MDB	KB3HHA	
W5KDA	KI0G	N4UC	VA7LM	KB9LIE	79
WB0NRV	KI4FW	N5VBK	VE7IRU	KK7BV	K4RW
WB7X	KI4US	NS3X	W8IW	KU4WW	K5JBT
WC4V	KR4U	NT4TN	WA1PMA	N5PD	KB4DSL
XE1GZU	N2GZ	VE2VLJ	WB4GCS	N6KTH	KP4N
	N5KAE	W2BZR	XE2AU	SV2AEL	N2COP
90	N8YSZ	W3YX		TG9AKH	N5YJZ
AA0LM	N9RG	W4DL	85	W7USB	N9RC
AB4WL	N9UDX	W4R XR	AC9GK	WD6T	VE3CFK
AB9DU	NE2U	W7HDD	EI3IO	WD9IOK	W2GW
AF5BG	VE3VCF	WA2BTR	K1UU	WI6Z	W2SKI
DL1SMA	W0HRO	WA5MD	K4LRP	XE1MM	WN0L
JH4JNG	W1HY	WK3N	KB3MXK		
K1HC	W2JEK	WV8O	KC0V	82	78
K1KA	W2OK	XE1SOV	KE4DRF	AD4IE	IZ8EDJ
K3CWF	W4ZMM		KK4AND	CB0ZA	K2QPN
K3UAL	W6VNQ	87	N2RJ	K3RJK	SP5QWB
K4AAP	W9HT	AC0A	N4LS	K4JMX	TG9AWS
K4FTP	WA7SDI	AG4I	NJ1Q	KA5WSS	W4NE
K4XZ	WB3IAL	K4JC	VE3GFN	KC5YKX	
K8EAB	WM6Y	K5UZ	VE7DAY	KG4KVZ	77
KA5TJI	WQ5C	K5WO	W1WV	N1SF	K1IFJ
KB5FHK	WR5AY	K6UIP	W3STU	PU8TEP	MI0AYR
KB7BSA	XE2NL	KB1VUN	W4IT	W5DAS	
KK4DZP	XE3DX	KC8NAH	W4RA	W5DM	76
KW3DX		KE6WOX	W6ST	W7YOZ	K0WYN
N2ULL	88	KI6RRD	W7SIR	W8GG	K6MAA
N4BRF	AA4QE	N0ELA	W8DQ	WA2ONG	KI4CYB
N5BA	AE0DX	N2CJN	W9QY		KI7WXP
N9JJ	AE4OF	NA5DX	WA4WKL	81	N1GNB
VA3XOV	AF4MI	NE5S	WD4LSS	AB4I	N2MH/4
W9CPV	K1RS	NI5F	WF4R	DF3CB	
W9CSY	K3TN	NN7RM		KE4DZU	75
WA2BEV	K4XD	W8GOC		N6MM	G4RGK

K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	K6CF KJ7TEA	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	22 9H1SP IZ3ENH OE3SGU
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	67 JG2TSL KF4JHG W7YED	56 KI5WA LU8ADX NI6T	42 W0PR	31 K7TM	21 EA1YN
73 JF1IRW VP2MJD W4WT	66 K6KLY KK4YEL UX1UA	55 LA3MHA WA2EMF	41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR
72 N4II PV8ADI	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	40 HA5PT JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	64 K3BQ WD5GRW (EM150C)	53 K0BBC PP1CZ	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH
70 GI4SJQ K4BNC KC0ZR N6GEO W2QO W4GP	63 EA1DR HL2EIZ KB0RFY	52 CT1ETE N8OFS OH4UI VE9FCP	38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU W0JM
69 K3WGR W1YM WD4LBR	62 HB9ALO K4DXA N6ZDH	51 N8MR	37 BA7NQ HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU	16 N6VHF SV8CKM TI2CDA
68 AA4S EH7CD	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	25 EA4/K1WE	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C
	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	
	58 KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	34 G4SEU LA2QM	23 GM4ILS K4SLC KP4EIT W8MK	
		44 HB9RUZ WO3T	33 W8GC WB4SON WB8TGY (EN72)		

14	IK3ITB	4	F5TMJ	JI1HNC
EA8MT	JA1MZL	CT7/RC2A	G0THY	JJ1PFC
IW3GJF	JA2FGL	DD6UAH	G4DDL	JL2ULM
JA2XCR	JE1LFX	EK/RX3DPK	G8GNI	JN3ONX
KB8DVT	KD3UY	F1DFR	GI4ONL	KC3KJQ
PA7RA	S51NM	GM4CFS	IK1IYU	KG4JSZ
PV8RR		GM4KHE	IK2GOQ	KH6WI
PY2OC	8	IV3GOW	IZ8XQC	KP4DER
W9TTY	DK2LO	JG1JPE	JA6AVT	MM0INH
	JA1CPU	JH7IMX	JA6SZV	OK1UU
13	JE3PCP	JH7IPR	JA9FAI	ON6NA
K4WY	JJ2NWI	JK6DXD	JH3MHI	OZ1IKY
PY2MC	N8RO	UT5EL	JP1HDK	PU5SVE
W4PWF	OH8LXT	VK4ZP	K4KZM	SM3GBA
		XE1SAX	K7LY	SM6LPG
12	7		KEN IN NEBRASKA	SK7EXY
EA3GP	DH0GSU	3	LA2CQ	SQ5NRY
F4ESV	G8APB	DF1ZN	OH3KAV	UN8G
HB9DDZ	IZ0INX	DJ5AV	SV1XV	UR5EDX
IK2RPE	JA2NDQ	DL2KQ	SV3FUO	VR2VGM
JK1UNZ	LA3DV	EA1AR	YB2DX	WB7VUF
JN1RQV	N5ORT	EA4D	YL2KF	YO8WW
N1IW	NJ4Y	G3LHJ		
ZS6WB	UR5FEO	HA9PP	1	
	ZS4TX	HL2ZN	3A2MW	
11	6	IK0WRB	9A2EY	
A65BR	CT2FEY	IK8EPC	AJ6T (EM66)	
DL2OE	DL1TRK	JI1CHH	BD4UJ	
EA4DAU	DU0A	JM1GHT	CT1AHU	
EA4ZK	EI2JC	JN1BPM	DH8BQA	
G4CTY	JA7NGE	JR6IQI	DJ3ZF	
IZ4GWE	PY2VA	KC0Y	DL2DCX	
JA2KVB		PY5IP	DL4ZAB	
JA6QHJ	5	SA7CJO	DS5DNO	
PY2DV	DL5LH	SV1VN	DS5TOS	
PY2GM	EA1AAA	W1CBY	EA3WD	
	EA7ZY	WD9EWK (DM43)	EA4GQS	
10	IK8GYS	YB1TJ	F1VEV	
DL4CF	JI5USJ	YL2CA	G4CFS	
HB9BOS	JJ1IDW	YL2MU	G4VSS	
JH8RZJ	KB8VAO		G6MXL	
JJ2UDK	M1VPN	2	G7SQS	
PA5KT	MU0GSY	5B4ALJ	G8TTI	
SV2DCD	OK1IN	6K5XZE	IK5BSC	
TF3Y	ON5UE	9A2GA	IW0AFS	
UR7DWW	PP2RON	9K2NO	IZ0BTV	
	SK6QA	BV6CC	IZ2CSX	
9	VE2NGH	CO6CBF	IZ3DBA	
DL7BA	VR2XMT	DF3VG	IZ5FSA	
EB1EWE	W1ZR	DF8FT	JA1GZK	
EC7ZK	W2ZF	DK1CO	JA7DPC	
G6BFP	YL2CZ	EH4BPJ	JA7VXB	
HB9GWJ		ES8JX	JH8XVT	