

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 (21 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	W0JW	WD5COV	AE5B	465	455
AA0MZ	W0LGQ	XE2CQ	AF5CC	XE2K	K9MK
AA5AM	W3CP				WA9DU
AA5C	W4UDH	485	477	464	
AA7A	W5ADD	K9MU	KC7V	AJ4F	453
A15I	W5AFY	N0POH	N5KO	KB9OWD	K4YMQ
K0GU	W5AJ	W5VY	N7ZO		K7PI
K1TOL	W5EME	W5ZN	NC6K	463	KB9DAK
K4PI	W5FF			K4MY	
K4XO	W5KI	484	474	W5XC	452
K5RK	W5OZI	AD6D	K7KQA		N5BO
K5UR	W7GJ	K7BG	W6XK	462	N9BX
K5WE	W7JW			K6ZH	NE1B
K7CW	W7KNT	483	473	N6ORB	
K7ULS	W7MEM	AC0RA	N4TB		451
K8SIX	W9FF	K1USA	NQ7R	461	K5WBM
K9CT	W9JN	W0VTT	WB0O	N4JQQ	KD3CQ
KA9CFD	W9RM	W5TRL		NA9RB	
KA9FOX	W9XX	WB0ULX	472		450
KD5M	WD5K		A11K	460	KF8MY
KG5CCI	WQ5S	482	KB7ME	K4SO	
KM0A	WS9V	K0BJ	ND4X	KF0M	449
KM0T		KX4R	WD8JJA		KF6HI
KO9A	487		WE9R	459	W8TN
KR7O	K0SIX	481		N5NA	
KV5W	K1TO	KC7QY	470		448
N0LL	K7MAC	W9VHF	WO7R	458	KP4AJ
N0LWF	K9YY	WA7HQD		K9NW	W3LPL
N0PB	N0AKC		468	KG5THG	
N0TB	N7CW	480	VE3EK	N9BCA	447
N1AV	N7IR	K5GZR		NA6MG	AH0U
N3SL	N9ISN	N4WW	467		K3SX
N3XX	NA6L	XE2OR	N5EKO	457	KS7S
N5DG	W3IP		NY0V	K4HB	N2NL
N5OMG		479		N9PGG	N4SC
N6JV	486	N5WS	466	NI0G	WB7CJO
N7NW	K0TPP	W5WVO	KA0JGH	W3UR	
N9LB	K5ND	W9RN	KB6NAN		446
N9UM	KY7M		WB9CIF	456	K1HTV
ND0B	N0KE	478	WX7M	N4QS	K6EID
W0FY	N7KA	AD1C		W5THT	

445 K4XP KU7Z N4LR N8OC WB8ZBT XE2X	433 W3LL W9WO	416 K4RWP K7ND KO4MA NI0P	405 AA4SC K3FRK K5CKS NE9U W0MU	393 K1GG K7XC KV7N	380 K7MCX NE6I WA5LFD
444 N7BAV	431 K0TLM	415 K5OMC K7AWB W0GJ	404 K8JH N2ZX VE4EAR W5SUM	392 AF4HX W6OMF	379 AB9BH N8WNA W6TMD
443 AB4IQ K8ZM N4MM	430 K1TEO	414 K0DEQ N0GZ W4TV	403 NH6T/W4	391 AD5A W4AVY	378 WR7X
442 AG9S N2QT N4TL	429 K8ZR WA5JCI	413 K0DEQ N0GZ W4TV	402 K3FM K7SMA	390 AB4SF KZZI	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	428 K9APW	412 AE5FM WA9LFO	401 K4CKS	388 K0IP W4WRL	376 K8GI K8VVF N2WK N3OC
440 W2IRT	427 K4ZOT W0RH	411 NZ3M VE2XK 6M FN07PJ	400 W0JRP W3UUM	387 KV4T N4CH	375 K6QG WB4OQX
439 N4QWZ NM5U	426 N5OK W5JAY	410 N9EAT	398 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	374 K0TT KV7K N6GP N7DB NY1V
437 K5RT KK4MA N5TJ	425 K6ML	409 KE7SW KE8KMX KI8G N4HN	397 KE4TH	385 NK1K VE6MB W4WTA	373 K4SSO
436 N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP WB8BPU	408 AA1ON N1EVK N5SYV	396 K6VHF KB8U	384 K8ROK W7FI	372 JA7QVI
435 K5XI KF6A	423 AJ4A W4DR	407 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	383 K8ROK W7FI	371 K4SSO
434 K1SIX K8ROX VE3LYC	422 VE6WQ WB5JID	406 N1EVK N5SYV	394 AA5XE K0AZ KF7CQ WB4EVH	382 K10E W5MO	370 N3PS WA6BYA
	419 K7NN W0GN W5AL	405 W4AS W5CIA W5PR	393 AA5XE K0AZ KF7CQ WB4EVH	381 K5PI VE3YXO	369 K5TN KN4SM KS4YT N3MK NT0V
	417 NJ6D	404 AK3E K6FG K8EB KB0V	392 AA5XE K0AZ KF7CQ WB4EVH	380 AG4W W3VZ	

369 KF8UN N2DPF	NK0S	N8LRG W1OW	KM3V KN4NN W4ER W9GKA WA7PDC	W2CNS WB3LHD	317 KA8SYV W1SKU W3HDH
368 K0DD W5RCI W6GMT	357 K4LVV	343 AB4EJ K5EK N3RC N6KZ W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU W7YA	316 K3FN KA0ABA W4UCK W9BWR
367 AA4ZZ KC4HW KR4BD W7Yaq	355 KD5XB	341 KD7DCR N8HRZ NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	315 K5VH NY2NY XE1AO
366 K17JA	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	325 WA2AEY WX0Z	314 KU4XO VE3XN
365 K4JJW K7XB KG7CW W4FC	351 AA4FL K5DTC	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW W3TI	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 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	346 N9XG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX	319 KF2T N7US	320 N4DW	309 AA9RR
360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH		318 W4HY		308 WA4HFN
358 K5RLA K6EME KG8P	344 K6FW KB0PE				307 AG1A

KE5K W3ATV W9RPM	298 K0MLD KD4WSC N4IQ	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 WB0OQV WV9L	297 JG1TSG KE8Y KG5EIU N8YQX N9LF	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		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		260 K6JAD N6HC NT7C XE1YD
302 KB2TGU N3KN	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 N5OHL WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK		
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY				267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	292 KJ6P W1SSN	282 AA0ZP K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD		
299 DK8NE VE6WK W1LE W8UV WB5GVY	291 K0CAO KS4S W1WHL W2CCC	281 AA8MA JR1LZK K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	266 K1OA K1WVX TG9AJR VE3MSC VE6TA (DO33) WB8EJN	258 AB5GU K1NJ K2HAT NA2NY WB7ECS
	290 JE1BMJ WA8EFK		272 KF8QL KO4PRE N4SV	265 N5KS W7CT	257 K0CCM

K2KA	249	240	K5FO	225	217
K5QE	CT1IUA	KK4ZUU	N9NJY	AC9O	ND4V
KD4MYE	K7LOL	KO6LU	WA2OTC	KX9X (EN50)	W4DEE
N5DTT	K8AO	VA3HP		N2WSY	
PY2XB	KQ5U	W1VT	231	PV8AZ	216
W0PPA	N1GC	WA2VJL	Ai9L	W8AKS	K7RB
WA2HFI/0	N5SMQ		K4MIJ	WN6W	N0IS
		239	K6HEW		N6PM
256	248	K9MQ	KF6GYM	224	NE1F
JM1IGJ	K1ZZ	KF4LVF	W9XT	JA8ISU	W1AW
KL7NW	W6VFA	MD0CCE		NJ8J	W5RWF
N8ZJN		W6RW	230		
	247	W9YOY/M	K1ZE	223	215
255	JA1UAV	WA3SEE	KO4MM	K7UA	AL7OC
K8MVZ	N5DD	WB1FLD	VA3XJ	NJ7A	K2SX
KG4JPL	W3TEF		WB0WAO/8		KI5FJ
Ni3K		238		222	N2YU
W4HFZ	246	AA3GM	229	K0YY	N6KW
WA8KNE	K0DAS	JP1LRT	K6RG	K2TV	
	K8YC		KB9RUG	K3AJ	214
254	KK8X	237	KD5IKG	KA1LMR	KB9PJJ
N7QOZ	N5TIT	K3KO	KE4UW	KD4K	KC7OD
NR0Q	W4FRA		N4NX	WA2BOT	VE3SYK
VE3OTL	WI7P	236	NN5DX		WA7AJ
WD5ITW		K0SU	W5LUA	221	
	245	K4NK		K5WMH	213
253	N1IA	N3FTI	228	K6CQR	K3DFL
KG4ERR	N3XF	N9ATD	JM1SZY	N0PSJ	KI6X
N2XQM	VA3CW	W5AJX	K5RUS	N4ION	W0NBC
			K7HSJ	N5UWY	
252	244	235	KF2ZQ	W4IFI	212
AB5A	K8DV	ND0C	N8AIA	W5JMW	AB5C
CT1EEB	N3AIU (FM08)	NN9X	W5HEZ		JF8QNF
F4BKV	N4JRY	VO1GO		220	JR3REX
K1ACL	VA3ZV	WB6RJH	227	K7BTW	KF7NN
K3NK	VE3VHB	WT2P	K3HPA	KK8MM	N1SV
N9ATF	W0VD	WZ9W	K8ZT	N7XCZ	N2OA
NN4RR	WD4IXD		K9TF		
VE6NTT		234	KS9A	219	211
	243	KE6FCT	W4KXY	K1DT	K9FOH
251	JA1QJI		XE1GLL	K2RKJ	NE8S
AD5JK	K3TC	233		KE5RV	VE3SMA
K9QJ	W4EJ	K1AFC	226	W6DPD	W2ZDP
KG7NV	YV1DIG	N5PA	AF5WN	W7ZSL	W5HNC
NN4SS		N9NJS	GD0TEP	WB2WIH (FN20)	W6AER
W2LV	242	VE7VZ	N7CNH		W6KAP
	AE4WG	W3DF	N8UR	218	
250	K3WW	W8PAT	NM5S	K1XH	210
AA9LC	KA3TCC	W9TD	W0VX	K4IJQ	K3MSB
KL0S		XE1L	W8RD	K5HPT	K9YC
NW6R	241		WQ6Q	KB8KVJ	KL7NO
	N6NU	232		KC0VDY	N1TQ
	W5LO	IT9IPQ		NA5C	N6UK

WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	176 AD5ZA EA5BY K0DI KX9X N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R
209 AA4IB W5WGF WA4NFO XE2N	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	187 AA8R KQ0J		
208 AI2N CO8DM KD5HIO PV8ABC		193 K7PT K9AB KD2NF	186 DJ5FI K6ZZ K8PT K9SG KN7K N0XLR N6ZE	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	175 PV8BR
207 N1BCL N8NJA	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	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	174 K3MD K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI
206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 N3KFB W4OEP WB0YEA				
205 AF4OD K8SD KE4HOA N5ITO W8QID	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG		173 K2ZZ K5YPV KE4SCY
204 KO0Z LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD KN4PPD N9UA W1ATV W2OO WB0DBS	183 K5RQ N0UBL W2UDT	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	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W	189 KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ

170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V	KD0UHN KF9US W4CSW WK7G WQ7F	KC2WUF WA7NB	W2DXE	VA3TTX WA4JA	KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY
169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	163 K2JF K2YSY N5XZ	156 K2KJ K9OHI N3RN N9KO VE7VDX	150 KW4BY N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V
168 KG5ZMQ KS9J W2PD W8WEJ	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO	155 AE4M CT1BWU K3TD K6XN N5RMS 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 KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
167 K4MQG KB1YNT KB9REV KE5EP N0NHW NO0T TG9ADQ W1BAT	161 K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD	154 AE4NT KB9VMW KW4OV W3ZQN	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W6VNQ (CM88) WB6RAB	142 N2ZA NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED
166 I0WTD JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	160 AB1QB JA1AFR K5IQ	153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N2WM N6DHZ W3DQS W5FI W9ILY WB5ZAM	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
165 K4DXT KD5HPT N3FX W0RIC	158 K8CR KI0D N2CG	152 AA6I N0RC N1NUM NU1T UT7QF WO4G	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ	135 CU3EQ
164 K2SD K5VWW	157 K4FX KB8GC	151 OE6IMD W1ZT	145 KD7YZ V31MD		

K4MWB	130	126	122	W4SW	114
K8ZIZ	AB0X	KJ7G	K7AED	W7QQ	AC8HU
LY3W	JA3LZS	N0BDS	K7OGW	WI4T	K2RET
N4DB	K0GUR	N7DGI	KA9JAC	WM9M	K3RTU
N8XE	K4JKB	WB4HUC	KB4UF		K9AAN
W6BXQ	K8LG	YL2AO	KB5WFE	118	KC4GCK
WB8BZK	KC4NX		KC5UGX	J68AS	KG9Z
WW2DX	NG9R	125	N5HYV	K4AZV	NF8M
XE1H	NO8D	AA7DK	VE6PY	KA4LBD	VE1WOW
	VE1DX	K3PU	VE7JAC	KF6MXK	VE3IRR
134	VE2TZT	KC5DRI	WD0GTY	KI7BP	W2JLK
AB1NS	W0PHX	W2AJM		KT8X	W2ZQ
AB4GE	W2LES	W3UQH	121	N1QDQ	W4ALF
AD4TT	W3FEY	W4DFU	AE1P	N3JNX	W4UFO
C6ABB	WA2SEI	WA6POZ	K0MFI	N5EIL	WO2C
GM4UYE	WB4YDL	WB4OMM	K4HBI	W2AC / WB2ABK	WVX4US
KE5FXE	WW5W	WE1P	K6USY	W2AC/WB2ABK	WB2KSK
KF6UFO			KB2WAL		113
N3AIU (DN70)	129	124	KB5MH		AB4PM
N8GOU	8P6ET	K0DLW	KE4JFS	117	AD5MD
W4TKI	JF4VZT	KB0HH (EM06)	NE0P/9	AB5J	HB9BZA
WA3WZR	K0KD	KD5FTD	UR0MC	K4WS	K3DQB
	K5QWO	KM1C	W8DN	N4USG	KD4BPZ
133	KC8KSK	KT5MR	WB9TFH	N5JEH*	KD6VCD
KA5ETS	KF4NEF	N0SL		N5LPT	KM5OL
KC1RET	KM5LY	N9AZZ	120	NA7L	N3JDQ
KE1VT	KM5SC	PV8AAS	EA1YO	NU6V	N4YCI
KM8V	N9WBR	W0PE	K2CYE	W6WE	N5YK
W0RT		W1TAM	K4AU	WA1TBV	W0BM
W4GE	128	W6SCQ	K4CGY	XE2PXN	W8MSP
WI5D	JR2LJO	W7YM	KD0R		W8VW
WW7Q	KC7QAG	W9CDL	KD4MZM	116	WD0ENC
XE2O	KJ6SDF	WL7OU	KD5BRF	IK7EOT	
	KN4DMN		KE4SCY (FM06)	K4RGN	112
132	N1SFE	123	N3YPJ	KI6QDH	EA4DEI
AB3CV	W0WT	AC7AF	VE1JC	KU5B	K2MLS
IC8TEM	W5ZO	K9SM	VE3XK	N0VR	K3GD
K5VG	W8FR	KB0GT	WA6RAY	NO0B	K5WTA
KW4G	WB2WEO	KB0STN	WD4OHD	W0DHB	KA7T
N4PPH		KG6DHQ			N5HMH
N7TP	127	VE3TG	119	115	W1TR
N8IK	AA9RK	W1HS	AE5AU	K9MMS	W5DQ
NE1I	K3GYK	W3DIY	K0AWU	KE6TVM	W6OAT
VE3TM	K7UV	W3SE	K1ZN	KF0QS	W7IV
WN6K	K8AC	W4PRZ	K2SQS	KF9AF	W9PN
	K8OS	W5EWF	K4MSG	KM5FA	WA8TWM
131	KB3OZC	W7MHW	K7JIZ	N7VGO	WG3K
JR1BAS	KB9TLV	W8BI	KF7PCL	UW5ZM	WX3P
K3NAT	KC0RQH	W8KHP	KP3V	VK9DX	XE1GK
KG9R	N6UTC	WA8WV	KT0P	WA3BZT	
N2CJ	VE2JWH	WB2RVX	KW7N	WC7V	111
TF3JB	W1FLD		N4UPX		N0SLT
	WA6BIL		W0QC		PC3T

W8GBH	107	W9RVG	W3LEO	N9DVS	K7PAP
WZ8P	JA3EGE	WA4MYO	W6IT	ON9CMR/WO	K9ZZE
110	K5UIC	104	W6XU	VA2LGQ	KA0ZEE
G4BWP	KF7PG	AB9YC	XE1RBV	W4LLP	KC2IEB
K5KR	KI9A	AC5K	102	W5KBD	KC6X
K7LD	KK4LUM	AC5RN	AA9MY	W7ISG	KD4MWO
KD5J	N3TTT	AC9QR	AB8JH	WB8IMY	KD6RUH
KI0F	N9OI	IK4DRY	AD6KH	WD5IYT	KG9AP
KP4JRS	NF0T	K5PPP	HB9EFK	100	KR4UA
KQ4LA	US0KW	KB9RNO	K0HAQ	AC0FT	M5MYH
KX5U	W2TTT	KC1LXO	K3HW	AI2S	N4FV
N5TIF	WB4PPW	KC2TR	K9AM	AI9U	N7HRT
N5YM	106	KD9GKL	KA3ZLS	K2UA	N7JPF
W7JET	K0MEI	KJ7OG	KB8CR	K4UQC	N7TE
W7UP	K5BJW	KM6WXB	KC6WFS	K5GM	N8GHZ
109	K7BWH	KO4LZ	KC8DMN	K5KV	N8YV
AK6ZZ	K7JE	N0STP	KD8NYO	K8IJ	N9MKC
IW1ARB	KB0TIJ	N1LDY	KE1AU	K9CC	NB5R
K2DSW	KC7ICM	N2FBQ	KJ4M	KB9ZLB	NH6CJ
K2JGL	KE5JXC	N3UPS	KR5V	KC2HLI	NI5W
K2OO	KJ6MBW	N7AGF	N1HOQ	KC8CC	NS2P
K5DNL	KK2DOG	NJ1H	VE7ZD	KC9CMT	VE2HAY
K9GY	N0RQ	VE2PIJ	W4RVZ	KD3SW	W2HOG
KE6GLA	N1USB	W1TE	W5DPT	KE5CVM	W2VU
KJ6CA	N2IPH	W1ZE	W5OV	KF0Q	W5JLC
KZ7N	N4CE	W4KVS	W7UT	KG5X	W6TJU
N8TMW	N5FPW	W6ZQ	W9NFL	KJ5OA	WA5TRX
N9TTX	N5YHF	W9EBK	WA4IOB	N3TBB	WB5NHX
VE3AAQ	N8HM	W9MDB	WA8EQP	N4NIA	WB7VVD
W0YJT	N9XMU	WB2VUO	WB5FDP	N5RZK	WK5X
W1OP	VA3OKG	WB8BZK/VE3	101	N5XTR	WW2R (EL09)
W4ZRZ	VE3AJY	103	AE7V	N7EME	98
W5MPC/1	WB6VYH	AA5CK	K0IN	N8COP	AC2RL
W7RJR	WQ9F	AB0YM	K0SBV	N8XS	AD8Y
WB6YIY	105	AB5SS	K0WJ	VP2MRM	K0KC
WB9W	AC4Q	K2OY	K2NUD	W2CH	K0UD
108	DS4EOI	K4MVL	K5DWI	W4/KL7GLL	K3IXD
CF3VRQ	K4SJA	K8ZEE	K5HX	W4OZK	K3QIA
JA9IPF	K9MAL	KA1W	K7SYS	W8BZY	K4OP
JP7EIP	KB3JGS	KB0FHP	KB1JDX	W9DQ	K5HOB
K5OPB	KC0JYT	KB2SGX	KB4KBS	WA5TLP	KA1EKR
N3MWQ	KC4KK	KC9FFV	KC6AWX	WV9E	KE4LGL
VE3SUB	KF4DGS	KF0AIJ	KC8CSD	99	KG4YOU
VE7IG	KJ7TH	KF4DVG	KG8WB	AB0SD	KG7E
VY2RU	N4NQY	KR4NO	KG9IL	AB3TM	KJ2G
W4AMP	N5SAN	N0YXE	KL2R	K0YO	KK0CQ
W4CRN	N7YY	N1JIF	KR4WM	K4KEW	KY0Q
W5AAJ	NE9O	NF6P	KR7LD	K4WQ	N0JJQ
W8EH	PU4JOE	NN2D	N1IX	K4ZO	N1JHJ
W9VNE	VE3VRQ	VE7DXG	N4AOE	K5VPQ	N3LRP
	W8MIL	W0TF	N8VEA	K7DD	N5TEY
					N8AID

NO5X	WB8ZTV	K8BB	K9SUL	K6RM	KE4WBO
NO8R	WE8L	K8KFJ	KA2F	K7IP	KG4URP
VA3VF		K8ME	KA9UVY	K7TRK	KR7X
VE4XTZ	96	K8VD	KB7AK	KB0USF	N2SG
W2KRP	AD5OW	KD7WH	KC0AUJ	KC5TGT	N3GH
W6TE	AE4TQ	KD8DR	KC3AK	KC5TT	N4VN
WA2FGK	AK4F	KD9ZR	KD4VRZ	KC9TTR	N5QO
WA3TLT	K2CK	KF6XA	KE3WM	KC9UL	N6FD
WB1GQR	K2UF	KI0SK	KF0LA	KD0QG	N6RPM
WB2YDS	K2UNK	KW9U	KG4NLZ	KE6AZX	N7DED
WD0E	K4EQH	N1XK	KU4JZ	KE6UMW	NS6E
WH6LR	K5CRJ	N2SLO	KV3W	KE8RPJ	UT5JAJ
WT5H	K8EMR	N2WLS	N0LNE	KE9V	W1PV
WV5Y	K9OT	N3WAV	N0LP	KI0J	W2ACY
	KA2NDX	N4ET	N2SU	KK7MNC	W2CVW
97	KA3HED	N5BLY	N3JBH	N2BX	W3ACO
AB8M	KB5GI	N5ENU	N3XBG	N2YTF	W3HZU
AJ9C	KB8PNS	N5KI	N3YUG	N3AO	W4BP
K0HB	KC0HBP	N9IV	N5ZMP	N3ZBK	W4LIA
K0JQZ	KD6PY	N9LJX	N6HY	N4GOA	W6NS
K0QEI	KI5TE	PY2KP	N6MXU	N4YHC	W8JV
K0SH	KM2O	VA3KS	N7NH	N7EGY	W9HBH
K0YQ	KM5NU	VA3PZ	N7UN	N7JI	WA3JKB
K3HZO (FN20)	KR4EE	VE3KZ	N8WWM	N7KSI	WA4EEZ
K4GTR	KS4V	VE3SPW	N9DD	NA9D	WM3O
K4JQU	KT5RR	W4YZJ	N9UNX	VA3JFF	
K8XF	N0WVU	W5ADA	VA3MA	VA7QI	91
KA2BSK	N2LID	W5CBF	VE3RX	VE3WMD	AA0CW
KA7EII	N2VHZ	W5RCQ	VE5MX	VK5PJ	AD3Y
KC0YBM	N2XK	W7JWC	VE7AB	W0MHK	CO2WZ
KD5CKP	N8PAQ	W9SX	W2GR	W2VTV	K1UR
KF4KSN	N8YBY	WA2ONK	W3IPA	W3ZGD	K4SPA
KM4NYI	NT2A	WA3I	W3TA	W4VG	K6YK
KT5WB	NW5Q	WA4WR	W4LNG	W5DMT	K7HPN
N1VMJ	NY2Z	WB2SIH	W5ODD	W5DWA	K8OI
N3UMA	VE2DCP	WD8DOT	W5PUF	W7EIR	KB2YWU
N4BH	W1HMM	WS4S	W7NX	W7TRX	KB3IAI
N6MA	W3VHF	XE2AT	WA7LHZ	W9IFW	KB3NDS
N9APK	W4KK		WA9BXB	W9NED	KB4YKC
N9IO	W4TMR	94	WT9U	W9WI	KB7AZ
N9KY	W7JHS	AA4RP	WV7S	WA5ICA	KC5POV
NK7C	WA3EEC	AB4VT		WB5CON	KC8LGL
NU0Y	WB0M	AD1DX	93		KE1IU
NV3K	WB5KJE	AK8CW	AG2A	92	KE7RTB
VA3FIN	WP4LNY	HK4SAN	AG6CV	K1EY	KG4QWC
W3QT		K0ARM	Ai8F	K5GDx	KI3O
W4CWA	95	K3BEE	K0IW	K5TDA	KI5BLU
W4DAS	AB9AI	K3TUF	K1PTF	K7FU	KM7N
W4ID	AE0G	K4JRK	K1ZK	K7HKR	KM9I
W7DN	AE5EO	K4LDC	K2AK	K7UWR	KQ6K
WA6OSX	IK8YTA	K4NNX	K2MTS	KB0PQP	N3PPH
WA9LEY	K1PNQ	K8GT	K4DAM	KC4JNW	N3WCM
WB8RVK	K4ED	K9DOG	K5TRI	KD4QMY	N6DW

N7CZ	AG7NR	KJ4KW	KN4MMH	83	KE4PT
N8DEZ	G4NBS	KU4S	KP4TB	AA6E	KR4Q
NR4J	JQ1TIV	N0OK	KT1R	DL5XJ	KW1DX
NU4N	K4BMM	N1CEO	N2NF	K1LH	N2NS
OE9KFV	K5CX	N2MKT	N3MVF	K4SQC	VY2HF
VA2BBW	K5JAZ	N2ZN	N8TFD	K6JJ	W5TTY
W2SUB	KA0MWA	N4CAG	NZ3O	K8SIA	W7AM
W4MLN	KF4TVL	N4GN	SV1RK	KB3HHA	
W5KDA	KI0G	N4KIN	VA3MDB	KB9LIE	79
WB0NRV	KI4FW	N4UC	VA7LM	KK7BV	K4RW
WB7X	KI4US	N5VBK	VE7IRU	KU4WW	K5JBT
WC4V	KR4U	NS3X	W8IW	N5PD	KB4DSL
XE1GZU	KT3X	NT4TN	WA1PMA	N6KTH	KP4N
	N2GZ	VE2VLJ	WB4GCS	SV2AEL	N2COP
90	N5KAE	W2BZR	XE2AU	TG9AKH	N5YJZ
AA0LM	N8YSZ	W3YX		W7USB	N9RC
AB4WL	N9RG	W4DL	85	WD6T	VE3CFK
AB9DU	N9UDX	W4RXR	AC9GK	WD9IOK	W2GW
AF5BG	NE2U	W7HDD	EI3IO	WI6Z	W2SKI
DL1SMA	VE3VCF	WA2BTR	K1UU	XE1MM	WN0L
JH4JNG	W0HRO	WA5MD	K4LRP		
K1HC	W1HY	WK3N	KB3MXK	82	78
K1KA	W2JEK	WV8O	KC0V	AD4IE	IZ8EDJ
K3CWF	W2OK	XE1SOV	KE4DRF	CB0ZA	K2QPN
K3UAL	W4ZMM		KK4AND	K3RJK	SP5QWB
K4AAP	W6VNL	87	N2RJ	K4JMX	TG9AWS
K4FTP	W9HT	AC0A	N4LS	KA5WSS	W4NE
K4XZ	WA7SDI	AG4I	NJ1Q	KC5YKX	
K8EAB	WB3IAL	K4JC	VE3GFN	KG4KVZ	77
KA5TJI	WM6Y	K5UZ	VE7DAY	N1SF	K1IFJ
KB5FHK	WQ5C	K5WO	W1WV	PU8TEP	MI0AYR
KB7BSA	WR5AY	K6UIP	W3STU	W5DAS	
KK4DZP	XE2NL	KB1VUN	W4IT	W5DM	76
KW3DX	XE3DX	KC8NAH	W4RA	W7YOZ	K0WYN
N2ULL		KE6WOX	W6ST	W8GG	K6MAA
N4BRF	88	KI6RRD	W7SIR	WA2ONG	KI4CYB
N5BA	AA4QE	N0ELA	W8DQ		KI7WXP
N9JJ	AE0DX	N2CJN	W9QY	81	N1GNB
VA3XOV	AE4OF	NA5DX	WA4WKL	AB4I	N2MH/4
W9CPV	AF4MI	NE5S	WD4LSS	DF3CB	
W9CSY	K1RS	NI5F	WF4R	KE4DZU	75
WA2BEV	K3TN	NN7RM		N6MM	G4RGK
WA8OJR	K4XD	W8GOC	84	N7NEV	K3PP
WD9HCF	K7CTV	WB3IGR	CT3FT	NI4Y	K6VHF/HR9
WE7H	K7WV	WB8JAY	K4EZY	W3MC	K8QM
WEST SEATTLE	W7ATV	WF4W	KE6NDG	WA4ZXV	N5GH
WH6LE	K9JF		N1KI	WA8ZNC	NP3YL
WT4C	KB2KIR	86	N2NWS	XE1EE	W4LVH
XE3/K5ENS	KC1GWX	AG1T	VE2WBK		W5UC
	KC3MLC	K7FB	W8PU	80	WP4NEG
89	KE8UM	KA9OKH	W8SGR	AC6BW	ZL3AAU
AB1TZ	KI2D	KB7JJG	ZS6NK	G4FKA	
AG2AA	KI4RFM	KI6HQT		K7FR	

74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	UX1UA	55 LA3MHA WA2EMF	N6PAZ	JO7WXN LA6OP WA6DNR	JM1KVW N1WC PY5EW W8LR
73 JF1IRW VP2MJD W4WT	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)
72 N4II PV8ADI	64 K3BQ WD5GRW (EM13CQ)	51 CT1ETE N8OFS OH4UI VE9FCP	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	63 EA1DR HL2EIZ KB0RFY	50 N8MR	38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU W0JM
70 GI4SJQ K4BNC KC0ZR N6GEO W2QO W4GP	62 HB9ALO K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	37 BA7NQ HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU	16 N6VHF SV8CKM TI2CDA
69 K3WGR W1YM WD4LBR	61 CU3AN K4MLB N0GVK US5WE	47 HB9RYZ JE1VTZ	36 JA1WSK	25 EA4/K1WE	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C
68 AA4S EH7CD K6CF KJ7TEA	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED	58 KC6NBI SV8CS WA2MUA	44 HB9RUZ WO3T XE2YWH/1	34 G4SEU LA2QM	23 GM4ILS K4SLC KP4EIT W8MK	13 K4WY
66 K6KLY KK4YEL	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN K4ZIN	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH OE3SGU	
	56 KI5WA LU8ADX N16T	42 W0PR	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	
		41 E75AA	31 K7TM	20 CX1FK I1FQH	
			30 E72X JL3LSF		

PY2MC	N8RO	JK6DXD	JA9FAI	ON6NA
W4PWF	OH8LXT	UT5EL	JH3MHI	OZ1IKY
		VK4ZP	JP1HDK	PU5SVE
12	7	XE1SAX	K4KZM	SM3GBA
EA3GP	DH0GSU		K7LY	SM6LPG
F4ESV	G8APB	3	KEN IN NEBRASKA	
HB9DDZ	IZ0INX	DF1ZN	LA2CQ	SQ5NRY
IK2RPE	JA2NDQ	DJ5AV	OH3KAV	UN8G
JK1UNZ	LA3DV	DL2KQ	SV1XV	UR5EDX
JN1RQV	N5ORT	EA1AR	SV3FUO	VR2VGM
N1IW	NJ4Y	EA4D	YB2DX	WB7VUF
ZS6WB	UR5FEO	G3LHJ	YL2KF	YO8WW
	ZS4TX	HA9PP		
		HL2ZN	1	
11	6	IK0WRB	3A2MW	
A65BR	CT2FEY	IK8EPC	9A2EY	
DL2OE	DL1TRK	IW3GJF	AJ6T (EM66)	
EA4DAU	DU0A	J11CHH	BD4UJ	
EA4ZK	EI2JC	JM1GHT	CT1AHU	
G4CTY	JA7NGE	JN1BPM	DH8BQA	
IZ4GWE	PY2VA	JR6IQI	DJ3ZF	
JA2KVB		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	J15USJ	YL2CA	G4CFS	
JH8RZJ	J11DW	YL2MU	G4VSS	
J12UDK	KB8VAO		G6MXL	
PA5KT	M1VFN	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	J11HNC	
JA2FGL	CT7/RC2A	G0THY	JJ1PFC	
JE1LFX	DD6UAH	G4DDL	JL2ULM	
KD3UY	EK/RX3DPK	G8GNI	JN3ONX	
S51NM	F1DFR	GI4ONL	KC3KJQ	
	GM4CFS	IK1IYU	KG4JSZ	
8	GM4KHE	IK2GOQ	KH6WI	
DK2LO	IV3GOW	IZ8XQC	KP4DER	
JA1CPU	JG1JPE	JA6AVT	MM0INH	
JE3PCP	JH7IMX	JA6SZV	OK1UU	
JJ2NWI	JH7IPR			