

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	W0LGQ	K5ND	NC6K	465	450
AA0MZ	W3CP	K9MU	W9RN	WE9R	AJ4F
AA5AM	W4UDH	N0POH			W5THT
AA5C	W5ADD		476	464	
AA7A	W5AFY	484	KC7QY	KB9OWD	449
AI5I	W5AJ	N7KA	KC7V		KF6HI
K0GU	W5FF	W5VY		463	W8TN
K1TOL	W5KI	W5ZN	475	VE3EK	
K4PI	W5OZI		N4WW		448
K4XO	W7GJ	483	N5KO	462	W3LPL
K5RK	W7JW	AC0RA		K6ZH	W5XC
K5UR	W7KNT	K1USA	474	N6ORB	
K5WE	W7MEM	W0VTT	W6XK		447
K7CW	W9FF	W5TRL		461	K4HB
K7ULS	W9JN	XE2CQ	473	NA9RB	KS7S
K8SIX	W9RM		N4TB		N4SC
K9CT	W9XX	482	NQ7R	459	NE1B
KA9CFD	WD5K	AD6D	WB0O	K4MY	
KA9FOX	WQ5S	K7BG		K4SO	446
KD5M	WS9V	KM0T	472	XE2K	K6EID
KG5CCI		KX4R	AI1K		N4QS
KM0A	487		KB7ME	458	NV4B
KO9A	K1TO	481	N7ZO	K9NW	
KR7O	K7MAC	W9VHF	WD8JJA	KG5THG	445
KV5W	K7TM			N9BCA	K7PI
N0LL	K9YY	480	470		KU7Z
N0LWF	N0AKC	K5GZR	WO7R	456	N5NA
N0PB	N7CW	WA7HQD		N4JQQ	N8OC
N0TB	N7IR	WB0ULX	467		NY0V
N1AV	N9ISN	XE2OR	AD1C	454	
N3SL	NA6L		N5EKO	KB8VAO	444
N3XX		479	W5EME		N7BAV
N5DG	486	N5WS		453	N9PGG
N5OMG	K0SIX	W5WVO	466	K4YMQ	NI0G
N6JV	KY7M		KA0JGH	W3UR	W4DR
N7NW	N0KE	478	KB6NAN		
N9LB	W3IP	AE5B	ND4X	452	443
N9UM	WD5COV	AF5CC	WB9CIF	N5BO	AB4IQ
ND0B			WX7M	N9BX	K4XP
W0FY	485	477			N4MM
W0JW	K0TPP	K0BJ			

442 KP4AJ WB7CJO	430 K1TEO KF8MY N5SYV N5TJ	415 K5OMC K7AWB W0GJ	400 W0JRP W0RH W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	N6GP N7DB
441 K8TB KD3CQ	429 N4QWZ WA5JCI	414 K0DEQ K7KQA	398 K7SMA N8IEZ W1NG W5JAY		373 K4SSO
440 AG9S KB9DAK N4TL W2IRT	428 K9APW N2NL XE2X	413 WA9LFO	397 K5RT	385 NK1K VE6MB W4WTA	372 W5MO
439 K3SX WA9DU WB8ZBT	427 N4LR NM5U	411 N9EAT	396 K6VHF KB8U	384 AB4SF K1GG K8ROK	371 JA7QVI WA6BYA
438 K1HTV K9MK N2QT	426 K4ZOT K8ZR N5OK	410 KE7SW KE8KMX K18G N4HN	395 AA5XE K0AZ K5WBM KF7CQ	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V NT9E
436 AH0U N9FN W3TC WB8ART	425 K6ML	408 W7BA WW1L	393 K7XC W4TV	381 W3VZ	369 KF8UN N2DPF
435 K9KLD KF6A	424 N4UFP N9AKR W3EP	407 W4AS W5CIA	392 AF4HX N4UFO W6OMF	380 K7MCX NE6I WA5LFD	368 KB0V W5RCI W6GMT
434 K1SIX K8ROX KF0M	423 AJ4A WB8BPU	406 AK3E K6FG VE2XK 6M FN07PJ	391 N1EVK W4AVY	379 KZ2I N8WNA W6TMD	367 AA4ZZ KC4HW K10E KR4BD W7YAAQ
433 NA6MG W3LL W9WO	422 VE6WQ WB5JID	405 AA4SC K3FRK K5CKS	389 K8JH NE9U	378 AG4W WR7X	366 KI7JA
432 K6GXO N6KK	420 KK4MA VE3LYC	404 N2ZX VE4EAR	388 AE5FM K0IP W4WRL	376 AA5JF K8GI K8VFW N2WK N3OC W7FI	365 K4JJW K7XB KG7CW WB4EVH
431 K0TLM K8ZM WA1EAZ	419 K7NN W0GN W5AL	403 NH6T/W4 W5PR	387 AA1ON K2TER KV4T N4CH	375 K6QG WB4OQX	364 AB5EB N6QQ
	416 K4RWP K7ND KO4MA	402 K3FM		374 AB1OC KV7K	363 W4NH
		401 K4CKS NJ6D			

362 W1JR WA5OLT	348 AD5A	W9EWZ WA5RT WW0E	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WX4G	W2HRO W9VA	W2BZY W5DB
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	347 KT8O	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	320 K0VG N4DW	310 AA8SW N1NK NJ7G W9KVR WO4DX	
360 AA4FF K6UM (CN85)	346 W8LMG		319 N7US W4ER		
358 K5RLA	345 W3XY XE2YWH		318 AK0MR N3ALN W4HY	309 AA4LR VE3XN	
357 K4LVV	344 AC9DX K6FW KB0PE KG8P N9XG W1OW	335 K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA	328 K6ME N5PT W2CNS WB3LHD	307 KE5K NA5Z W3ATV W9RPM	
356 NY1V	343 AB4EJ K5EK N3RC	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 K6EME KJ5RC N0YO W2JU	317 KA8SYV W1SKU WA7PDC WO2T	306 K4QE K6RO N0LD N8LRG WB0OQV WV9L XE1AO
355 AB9BH	341 K5XI KB1EFS KD5XB KD7DCR NX7U WA7YAZ	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	326 K2ZD K6LMN K6TDI NG7M VE1JBC W7JLC WF7T	316 K3FN KA0ABA W4UCK W9BWR	305 K6UM (CM88) KF2T KT1J WA9M
353 AF2K K0CS K8EB			325 WA2AEY WB4KTF	315 K5VH NY2NY	
352 NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 K0RAR KE4TH N0AN	332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG	314 KU4XO	304 K6IPF W4FC WA0GUD
351 AA4FL K5DTC	339 KE4BKL NK0S VA7FC W5VAS	331 K8WDA KC0UDO N4MW VE7BV	323 N8II W4MAY W8KEN	313 K0TC N2ZZ N6NR NF4A W4GLV W5RKN WA1NLG	303 EA8DBM K8TGC K8TL N7LAN
350 N6VI N8YO	338 VE3SXE WA5KBH	330 KB8MBC KG6AY W8PI	322 VA6SZ	312 AF6O K1GJQ KA2GOJ	302 KB2TGU N3KN W3TI
349 KA0BAD	337 K0DD K8ZES NU6S		321 NC7B NS4C	311 AC9S KM3T KS4XQ	301 KF9UG

N0HJZ	W4VC	282	274	266	258
W7IB	WA2IIE	AA0ZP	KB1DMX	K1OA	K1BD
W9OBG		K5TA	XE1YY	K1WVX	K2HAT
WB0TVY	292	KE8Y		TG9AJR	NA2NY
	KJ6P	N0GZ	273	WB8EJN	VE3MSC
300	W1SSN	N8JCM	K2BLA		WB7ECS
AA4V		W4WM	KM4H	265	
K0PHP	291		KV1J	N5KS	
K0SRL	K1ST	281		W7CT	257
KB6VFC	KS4S	K4OY	272	WA8MCD	K0CCM
N1RR	W1WHL	NL7CO	K0PG		K2KA
WA2BAH	W2CCC	W2YE	KO4PRE	264	K5QE
WX0Z				AC8L	KD4MYE
WX2S	290	280	271	K4JAF	N5DTT
	JE1BMJ	K2UU	K7NII	N0TK	PY2XB
299	W3HDH	N0KV	KB7FUV	NF1O	WA2HF1/0
N9JR	WA8EFK	NM5Z	KM3V		
VE6WK			W3HHN	263	256
W1LE	289	279		AK4PR	N8ZJN
W5SUM	K4MM	AA8MA	270	K3VAT	W9TA
W8UV	K9FA	N3JPU	K4SPD	K9AAA	
WB5GVY	N5BCA	W0VHF (EL87)	KC9FQD	WB7QBS	255
	NQ7G	W8GJ	KV7N		JM1IGJ
298	W4LTJ	WA4NVM	N2LIV	262	K8MVZ
AG1A		XE1FAS	W4QK	K3CWH	KG4JPL
KD4WSC	288		W5DNT	KD8JSP	W0NOZ
N4IQ	K1NU	278	W7JY	N4ST	WA8KNE
	N6AR	AA9D	WZ9B	ND4DX	
297	W1DU	AJ4W		WA0KBZ	254
DK8NE	W4HLR	K3JT	269		KF8QL
N8YQX		N0LNO	K2IE	261	N7QOZ
N9LF	287	N8BJQ	K3ZO	AF2F	VE3OTL
	K8DP	NN1N	KD5R	K3TWK	WD5ITW
296	N8CGY		N5EPA	KB8UUZ	
K4XR	WA8ZID	277	N5WD	N3EW	253
K6YUI		AC7JM	VA2CY		KG4ERR
KC7RW	285	JR1LZK		260	N2XQM
	K5CZD	K3WA	268	K6JAD	
295	K9UO	NS4T	K6OJ	N6HC	252
JG1TSG	WA4HFN	PV8DX	N9ZTS	W0PR	AB5A
KE4P			W0KAN	W3SW	CT1EEB
N7NT	284	276		XE1YD	F4BKV
	AB0RX	K2CS	267		K1ACL
294	K0KP	K5TWJ	KG6EG	259	K3NK
K6JSV	K4DET	K7TAB	KX9N	KD4ADC	NN4RR
	KX7L	W9OO	N2AMC	KG6I	VE6NTT
293	NJ2F (EL96)		N7UVH	KN5O	VE6SH
K3AX		275	N8EHW	NS7K	
K4KJZ	283	K1MAA	W4FSO	NY1E	251
KL7HBK	WA0FQK	K2NJ	W5WP	VE6BMX	AD5JK
N4JJ	WB0CQO	N4GG	W9DRB	WA4YA	HC1BI
N4MI		W0FK			K1NJ
W2GKR					KG7NV

NN4SS	242 K3WW KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX WQ6Q	W6DPD W7ZSL WB2WIH (FN20)	NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP
250 AA9LC KL0S NW6R	241 N6NU W5LO			218 K1XH K4IJQ K8YC KB8KVJ NA5C	210 K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T
249 CT1IUA K8AO KQ5U N1GC W2LV	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 AI9L K5FO N0FJP N9NJY W0PPA	225 AC9O K9QJ KX9X (EN50) N2WSY N4SV W8AKS WN6W	217 K3HPA KK0DX ND4V W4DEE	
248 K1ZZ W6VFA		231 K4MIJ K5VR K6HEW KF6GYM W9XT	224 IT9IPQ JA8ISU K9MQ	216 K7RB N0IS NE1F W4HFZ W5RWF	209 AA4IB W5WGF WA4NFO XE2N
247 W1FKF W3TEF	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD				208 AI2N CO8DM K7LOL KD5HIO PV8ABC
246 JA1UAV K0DAS KK8X N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM AE4WG JP1LRT MD0CCE	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NI3K NJ7A	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW	207 N1BCL N8NJA
245 N1IA N3XF VA3CW	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL PV8AZ VE3SYK WA7AJ	206 AB0CT AK4Y CT3MD K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J
244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC W8RD	
243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K8ZT K9TF KS9A W4KXY W5LUA XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF KF7NN N2OA	205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID
	234 KE6FCT		219 K2RKJ KE5RV	211 JR3REX K9FOH	

203 DF3CB K0VSV K5HYT K5LOW N0HF N8SYF NR0Q W1RM W7YA W9GFB W9VOB WA1KPD	197 K3EGE N4BAF W3TW W5CTV 196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	190 K2WJ K5DB K5ER KC2DLD KK8MM N5SMQ N9UA W1ATV W2OO WB0DBS 189 KC0MEA W3SZ WA5VKS 188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M 187 AA8R KD3HN KQ0J 186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE 185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT 184 4O3A AF5Q K0CAO	K0DEW KR4M N1IBM N4BG 183 K5RQ N0UBL W2UDT 182 AJ6T FP/KV1J K5GMX K8WK NZ1I XE1CL 181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF NY0A W4RBO W9BS WJ1B 180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH N9MSG WA5RR 179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ 178 KA2AYR KB0EO	KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD 177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG 176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R 175 K1DT PV8BR 174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1V) NA6O W3SO WA2PNI 173 K2ZZ K5YPV KE4SCY 172 AB9KZ K5ZED KI4PKW	KJ6HI VE2PN W4ABC 171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ 170 K9TVG N4GBK N8CN NA2U W4IHI W4JKC WK3V 169 K6XC KD5OMJ N2BEG N5XES N7PHY NY4I VE3HHT W8KNO WA3DRC 168 KG5ZMQ W8WEJ 167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT 166 JA1OVD KC2GHT N5VU NC4RY
202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K6VDP KC0VDY KG6WIK				
201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A				
200 4A2MAX K4YJ N5AO N9AG VA3VU W1AW	193 K7PT K9AB 192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN 191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD				
199 K4GHS N3KFV NJ8J W4OEP WB0YEA					
198 AC8TO JR2HCB N0UK N7EPD NX0I WA7KYM					

VA3WEB	158	W6IA	145	CT1BWU	W2JCN
WB4KXS	K8CR	WO4G	KD7YZ	K1UO	W4AVV
165	KI0D	151	V31MD	K7SAM	W7UV
K4DXT	N2CG	KO0Z	VA3TTX	KC0MEZ	XE2JS
KD5HPT	157	W1ZT	WA4JA	KC8TMU	135
N1JFU	K4FX	W2DXE	144	KJ4KVC	CU3EQ
W0RIC	KB8GC	150	K0TLG	N1EN	K4MWB
164	KC2WUF	N9LAH	K5TDW	N3VOP	K8ZIZ
K2SD	WA7NB	VE3OAT	K6JRA	NJ0U	LY3W
K5VWW	156	W7APM	K8MN	OE6IMD	N4DB
KD0UHN	K2KJ	149	K8WU	VE3KY	N8XE
KF9US	N3RN	AB6CF	N9DI	W4TUN	W6BXQ
W4CSW	N9KO	K4SAN	W5MPC	W6DQ	WB8BZK
WK7G	VE7VDX	KK9H	WO7GI	WA4KXY	WW2DX
WQ7F	155	WB4VHF	143	139	XE1H
163	AE4M	148	K0KVR	IZ8FFA	134
K2JF	K3TD	AC0DQ	K6JBH	KC7JPC	AB1NS
K2YSY	K6XN	AG0A	K9QFR	KU0G	AB4GE
N5XZ	N7AU	G0OIL	KB8RJS	N7T	C6ABB
162	N9OBE	K0RU	N8URE (FM19)	NA2AA	GM4UYE
AF4GK	TG9ANF	K7IU	NA1VT	NZ6N	HK3W
K0QB	VA3NQ	KB2YSI	W0HNM	W2PD	KE5FXE
KA1R	WV8DX	N0TM	W0UHL	W4OV	N3AIU (DN70)
KD4TDI	154	N5ZBI	WB0MMC	WB2JIL	N8GOU
N5SIX	AE4NT	W6VNV (CM88)	WM5H	WY0V	W4TKI
W9JJB	KB9VMW	WB6RAB	142	138	WA3WZR
W9VS	KD2NF	147	N2ZA	AC0XY	133
WA1Z	W3ZQN	AF6AV	N5RMS	AI6O	KA5ETS
WB0WAO	153	IZ1LBG	NA2X	I0WTD	KC1RET
161	AA4NC	K6PSP	NC4VA	JA6RJK	KE1VT
K4EA	AB4GG	KC1BUF	PV8AJ	KD7WPJ	KM8V
KB3CWQ	K7AD	VE3CX	W5SWV	KE0A	W0RT
N2YBB	K7ZD	W4YCC	WA5TKU	KE3D	W4GE
V44KAI	KW0A	W5WOX	WS4V	KE8RO	WW7Q
VE3LC	N1OFZ	WA0VPJ	141	KQ4KX	XE2O
W4HOG	N2ADV	WA3YGQ	K4AR	N3XH	137
160	N6DHz	146	137	132	AB3CV
JA1AFR	W3DQS	K2GW	N1SZ	AB3CV	IC8TEM
K5IQ	W5FI	K8YTO	N5JGK	K5VG	KW4G
159	W9ILY	KB0YH	SM7AED	KW4G	N4PPH
K4MZ	WB5ZAM	KB5ZEA	136	N7TP	N8IK
NS7B	152	KC2TN	AB1QB	N8IK	NE1I
W1EME	AA6I	KM5TY	K0XXX	VE3TM	WN6K
W4TTO	N1NUM	N3FX	K4SX	131	K3NAT
WB8NUT	N2WM	N4HID	KC5LK		
	NU1T	VA2RC	KC9AXZ		
	UT7QF	VE1VOX	KJ5RM		
			KV1E		
			NO1R		
			CO2WF		

KG9R	N6PM	W8BI	KW7N	N7VGO	111
N2CJ	N6UTC	W8KHP	N4UPX	VK9DX	N0SLT
	NO8D	WA8WV	W0QC	WA3BZT	PC3T
130	VE2JWH	WB2RVX	W4SW	WC7V	W8GBH
AB0X	W1FLD		W5DM		WZ8P
AK8CW	WA6BIL	122	W7QQ	114	
JR1BAS		K7AED	W9JJ	AC8HU	110
K0GUR	126	K7OGW	WI4T	K2RET	EA4DEI
K4JKB	KJ7G	KA9JAC	WM9M	K3RTU	K5KR
KC4NX	N0BDS	KB4UF		K9AAN	K7LD
KE8RJU	N7DGI	KB5WFE	118	KC4GCK	KD5J
NG9R	WB4HUC	KC5UGX	J68AS	KG9Z	KI0F
VE1DX	YL2AO	N5HYV	K4AZV	NF8M	KP4JRS
VE2TZT		VE6PY	KA4LBD	VE1WOW	KQ4LA
W0PHX	125	VE7JAC	KF6MXK	VE3IRR	KX5U
W2LES	AA7DK	WD0GTY	KI7BP	W2JLK	N5TIF
W3FEY	K3PU		KT8X	W2ZQ	N5YM
WA2SEI	KC5DRI	121	KW4BY	W4ALF	W7JET
WB4YDL	NT7C	AE1P	N1QDQ	W4UFO	W7UP
WW5W	W2AJM	K0MFI	N3JNX	WO2C	
	W3UQH	K4HBI	N5EIL	WX4US	109
129	W4DFU	KB2WAL	TF3JB		AK6ZZ
8P6ET	WA6POZ	KB5MH	W2AC / WB2ABK	113	G4BWP
JA3LZS	WB4OMM	KE4JFS	W2AC/WB2ABK	AB4PM	IW1ARB
JF4VZT	WE1P	NE0P/9	WB2KSK	AD5MD	K2DSW
K0KD		UR0MC		K3DQB	K2JGL
K5QWO	124	W8DN	117	KD4BPZ	K2OO
KC8KSK	K0DLW	WB9TFH	AB5J	KD6VCD	K5DNL
KF4NEF	K8VA		K4WS	KM5OL	K9GY
KM5LY	KB0HH (EM06)	120	N4USG	N3JDQ	KE6GLA
KM5SC	KD5FTD	EA1YO	N5JEH*	N4YCI	KJ6CA
N9WBR	KM1C	K2CYE	N5LPT	N5YK	KZ7N
	KT5MR	K4CGY	NA7L	W0BM	N8TMW
128	N0SL	KD0R	NU6V	W8MSP	N9TTX
KC7QAG	N9AZZ	KD4MZM	W6WE	W8VW	VE3AAQ
KJ6SDF	PV8AAS	KD5BRF	WA1TBV	WD0ENC	W0YJT
KN4DMN	W0PE	KE4SCY (FM06)	XE2PXN		W1OP
N1SFE	W1TAM	N3YPJ		112	W4ZRZ
W0WT	W7YM	VE1JC	116	K2MLS	W5MPC/1
W5ZO	W9CDL	VE3XK	IK7EOT	K3GD	W7RJR
W8FR		WA6RAY	K4RGN	K5WTA	WB6YIY
WB2WEO	123	WD4OHD	KI6QDH	KA7T	WB9W
	AC7AF		KU5B	N5HMH	
127	K9SM	119	N0VR	W1TR	108
AA9RK	KB0GT	AE5AU	NO0B	W5DQ	CF3VRQ
JR2LJO	KB0STN	K0AWU	W0DHB	W6OAT	HB9BZA
K3GYK	KG6DHQ	K1ZN		W7IV	JA9IPF
K7UV	VE3TG	K2SQS	115	W9PN	K5OPB
K8AC	W1HS	K4MSG	K9MMS	WA8TWM	N3MWQ
K8OS	W3SE	K7JIZ	KE6TVM	WX3P	N5DD
KB3OZC	W4PRZ	KF7PCL	KF0QS	XE1GK	VE3SUB
KB9TLV	W5EWF	KP3V	KF9AF		VE7IG
KC0RQH	W7MHW	KT0P	KM5FA		VY2RU

W4AMP	N4NQY	KF0AIJ	KR7LD	K4WQ	N0JJQ
W4CRN	N5SAN	KF4DVG	N1IX	K4ZO	N1JHJ
W5AAJ	N7YY	KR4NO	N4AOE	K5VPQ	N3LRP
W8EH	NE9O	N0YXE	N8VEA	K7DD	N5TEY
W9VNE	PU4JOE	N1JIF	N9DVS	K7PAP	N8AID
XE1R	VE3VRQ	VE7DXG	ON9CMR/W0	K9ZZE	NO5X
	W8MIL	W0TF	VA2LGQ	KA0ZEE	NO8R
107	W9RVG	W3LEO	W4LLP	KC2IEB	VA3VF
JA3EGE	WA4MYO	W6IT	W5KBD	KC6X	W2KRP
K5UIC		W6XU	W7ISG	KD4MWO	W6TE
KF7PG	104	102	WB8IMY	KD6RUH	WA2FGK
KI9A	AB9YC	AA9MY	WD5IYT	KR4UA	WA3TLT
KK4LUM	AC5K	AB8JH	100	M5MYH	WB1GQR
N3TTT	AC5RN	AD6KH	AC0FT	N4FV	WB2YDS
N9OI	AC9QR	K0HAQ	AI2S	N5OHL	WD0E
NF0T	IK4DRY	K3HW	AI9U	N7HRT	WH6LR
US0KW	K5PPP	K9AM	K2UA	N7JPF	WT5H
W2ODH	KB9RNO	K9OHI	K4UQC	N7TE	WV5Y
W2TTT	KC1LXO	KA3ZLS	K5GM	N8GHZ	
WB4PPW	KC2TR	KB8CR	K5KV	N8YV	97
	KD9GKL	KC6WFS	K8IJ	N9MKC	AB8M
106	KJ7OG	KC8DMN	K9CC	NB5R	AJ9C
K0MEI	KM6WXB	KD8NYO	KB9ZLB	NH6CJ	K0HB
K5BJW	KO4LZ	KE1AU	KC2HLI	NI5W	K0JQZ
K7BWH	N0STP	KJ4M	KC8CC	NS2P	K0QEI
K7JE	N1LDY	KR5V	KC9CMT	VE2HAY	K0SH
KB0TIJ	N2FBQ	N1HOQ	KD3SW	W2HOG	K0YQ
KC7ICM	N3UPS	VE7ZD	KE5CVM	W2VU	K3HZO (FN20)
KE5JXC	N7AGF	W4RVZ	KF0Q	W5JLC	K4GTR
KJ6MBW	NJ1H	W5DPT	KG5X	W6TJU	K4JQU
KK2DOG	VE2PIJ	W5OV	KJ5OA	WA1LAD	K8XF
N0RQ	W1TE	W7UT	N3TBB	WA5TRX	KA2BSK
N1USB	W1ZE	W9NFL	N4NIA	WB5NHX	KA7EII
N2IPH	W4KVS	WA8EQP	N5RZK	WB7VVD	KC0YBM
N4CE	W6ZQ	WB5FDP	N5XTR	WK5X	KD5CKP
N5FPW	W9EBK	101	N7EME	WW2R (EL09)	KF4KSN
N5YHF	W9MDB	AE7V	N8COP	98	KM4NYI
N8HM	WB2VUO	K0SBV	N8XS	AC2RL	KT5WB
N9XMU	WB8BZK/VE3	K0WJ	VP2MRM	AD8Y	N1VMJ
VA3OKG	WG3K	K2NUD	W2CH	K0KC	N3UMA
VE3AJY	103	K5DWI	W4/KL7GLL	K0UD	N4BH
WB6VYH	AA5CK	K5HX	W4OZK	K3IXD	N5OTY
WQ9F	AB0YM	K7SYS	W8BZY	K3QIA	N6MA
	AB5SS	KB1JDX	W9DQ	K4OP	N9APK
105	K2OY	KB4KBS	WA5TLP	K5HOB	N9IO
AC4Q	K4MVL	KC6AWX	WV9E	KA1EKR	N9KY
K4SJA	K6USY	KC8CSD	99	KE4LGL	NK7C
K9MAL	K8ZEE	KG8WB	AB0SD	KG4YOU	NU0Y
KB3JGS	KA1W	KG9IL	AB3TM	KG7E	VA3FIN
KC0JYT	KB0FHP	KL2R	K0YO	KJ2G	W3QT
KC4KK	KB2SGX	KR4WM	K4KEW	KK0CQ	W4CWA
KF4DGS	KC9FFV			KY0Q	W4DAS
KJ7TH					W4ID

W7DN	AE0G	K4NNX	K2MTS	KG4URP	OE9KFV
WA6OSX	AE5EO	K8GT	K4DAM	KR7X	VA2BBW
WA9LEY	K1PNQ	K9DOG	K5TRI	N0RC	W2SUB
WB8RVK	K4ED	K9SUL	K6RM	N2SG	W4MLN
WB8ZTV	K8KFJ	KA2F	K7IP	N3GH	W5KDA
WB9PNU	K8ME	KA9UVY	K7TRK	N4VN	WB0NRV
WE8L	K8VD	KB7AK	KB0USF	N5QO	WB7X
	KD7WH	KC0AUY	KC5TGT	N6FD	WC4V
96	KD8DR	KC3AK	KC5TT	N6RPM	XE1GZU
AD5OW	KD9ZR	KD4VRZ	KC9TTR	N7DED	
AE4TQ	KF6XA	KE3WM	KC9UL	NS6E	90
AK4F	KI0SK	KF0LA	KD0QG	UT5JAJ	AA0LM
K2CK	KW9U	KG4NLZ	KE6AZX	W1PV	AB4WL
K2UF	N1XK	KU4JZ	KE6UMW	W2ACY	AB9DU
K2UNK	N2SLO	KV3W	KE8RPJ	W2CVW	AF5BG
K4EQH	N2WLS	N0LNE	KI0J	W3ACO	DL1SMA
K5CRJ	N3WAV	N0LP	N2BX	W3HZU	JH4JNG
K8EMR	N4ET	N1TOR	N2YTF	W4BP	K1HC
K9OT	N5BLY	N2SU	N3AO	W4LIA	K1KA
KA2NDX	N5ENU	N3JBH	N3ZBK	W6NS	K3CWF
KA3HED	N5KI	N3XBG	N4GOA	W8JV	K3UAL
KB5GI	N9IV	N3YUG	N4YHC	WA3JKB	K4AAP
KB8PNS	N9LJX	N5ZMP	N7EGY	WA4EEZ	K4FTP
KC0HBP	VA3KS	N6HY	N7JI	WM3O	K4XZ
KD6PY	VA3PZ	N6MXU	N7KSI		K8EAB
KI5TE	VE3KZ	N7NH	NA9D	91	KA5TJI
KM2O	VE3SPW	N7UN	VA7QI	AA0CW	KB5FHK
KM5NU	W3UA	N8WWM	VE3WMD	AD3Y	KB7BSA
KS4V	W4YZJ	N9DD	W0MHK	CO2WZ	KK4DZP
KT5RR	W5ADA	N9UNX	W2VTV	K1UR	KW3DX
N0WVU	W5CBF	VA3MA	W3ZGD	K4SPA	N2ULL
N2LID	W5RCQ	VE3RX	W4GPM	K6YK	N4BRF
N2VHZ	W7JWC	VE5MX	W5DMT	K7HPN	N5BA
N2XK	W9SX	VE7AB	W5DWA	K8OI	N9JJ
N8PAQ	WA2ONK	W2GR	W7EIR	KB2YWU	VA3XOV
N8YBY	WA3I	W3IPA	W7TRX	KB3IAI	W9CPV
NT2A	WA4WR	W3TA	W9IFW	KB3NDS	W9CSY
NW5Q	WB2SIH	W4LNG	W9NED	KB7AZ	W9HBH
NY2Z	WD8DOT	W5ODD	W9WI	KC5POV	WA2BEV
VE2DCP	WS4S	W5PUF	WA5ICA	KC8LGL	WA8OJR
W1HMM	XE2AT	WA7LHZ	WB5CON	KE1IU	WD9HCF
W3VHF		WA9BXB		KG4QWC	WE7H
W4KK	94	WT9U	92	KI3O	WEST SEATTLE AMA
W4TMR	AA4RP	WV7S	K1EY	KI5BLU	WH6LE
W7JHS	AB4VT		K5GDX	KM7N	WT4C
W8DM	AD1DX	93	K5TDA	KM9I	XE3/K5ENS
WA3EEC	HK4SAN	AG2A	K7FU	KQ6K	
WB0M	IK8YTA	AG6CV	K7HKR	N3PPH	89
WB5KJE	K0ARM	A18F	K7UWR	N3WCM	AB1TZ
WP4LNY	K3BEE	K0IW	KB0PQP	N7CZ	AG2AA
	K3TUF	K1PTF	KC4JNW	N8DEZ	AG7NR
95	K4JRK	K1ZK	KD4QMY	NR4J	G4NBS
AB9AI	K4LDC	K2AK	KE4WBO	NU4N	JQ1TIV

K4BMM	N1CEO	KT1R	K1LH	W6TCP	73
K5CX	N2MKT	N2NF	K4SQC	W7AM	G4FKA
K5JAZ	N2ZN	N3MVF	K6JJ		JF1IRW
KA0MWA	N4CAG	N8TFD	K8SIA	79	N6DW
KF4TVL	N4GN	NZ3O	KB3HHA	K4RW	SV1RK
KI0G	N4KIN	VA3MDB	KB9LIE	K5JBT	VP2MJD
KI4FW	N4UC	VA7LM	KC1UYZ	KB4DSL	W4WT
KI4US	N5VBK	W8IW	KK7BV	KP4N	
KR4U	NS3X	WA1PMA	KU4WW	N2COP	72
KT3X	NT4TN	WA4USA	N6KTH	N5YJZ	N4II
N2GZ	VE2VLJ	WB4GCS	TG9AKH	N9RC	PV8ADI
N5KAE	W2BZR	XE2AU	W7USB	VE3CFK	
N8YSZ	W3YX		WD6T	W2GW	71
N9RG	W4DL	85	WD9IOK	W2SKI	HB9EFK
N9UDX	W4R XR	EI3IO	WI6Z	WN0L	K0GW
NE2U	W7HDD	K1UU	XE1MM		K4GK
VE3VCF	WA2BTR	K4LRP		78	K5WPN
W0HRO	WA5MD	KB3MXK	82	K2QPN	NP4TT
W1HY	WK3N	KC0V	AD4IE	TG9AWS	W2YR
W2JEK	WV8O	KE4DRF	CB0ZA	W4NE	W3FGP
W2OK	XE1SOV	KK4AND	K3RJK		WC5M
W4ZMM		N2RJ	K4JMX	77	
W6VNQ	87	N4LS	KA5WSS	K1IFJ	70
W9HT	AC0A	NJ1Q	KC5YKX	MI0AYR	GI4SJQ
WA7SDI	AG4I	VE3GFN	KG4KVZ		K4BNC
WB3IAL	K4JC	VE7DAY	N1SF	76	KC0ZR X
WM6Y	K5UZ	W1WV	PU8TEP	K0WYN	W2QO
WQ5C	K5WO	W3STU	W5DAS	K6MAA	W4GP
WR5AY	K6UIP	W4IT	W7YOZ	KI4CYB	
XE2NL	KB1VUN	W4RA	W8GG	KI7WXP	69
XE3DX	KC8NAH	W6ST	WA2ONG	N1GNB	K3WGR
	KE6WOX	W7SIR		N2MH/4	W1YM
88	KI6RRD	W8DQ	81		WD4LBR
AA4QE	N0ELA	W9QY	AB4I	75	
AE0DX	N2CJN	WA4WKL	KE4DZU	G4RGK	68
AE4OF	NA5DX	WD4LSS	N6MM	K3PP	AA4S
AF4MI	NE5S	WF4R	N7NEV	K8QM	EH7CD
K1RS	NI5F	WL7OU	NI4Y	N5GH	K6CF
K3TN	NN7RM		W3MC	NP3YL	KJ7TEA
K4XD	W8GOC	84	WA4ZXV	W4LVH	KW4OV
K7CTV	WB3IGR	CT3FT	WA8ZNC	W5UC	
K7WV	WB8JAY	K4EZY	XE1EE	WP4NEG	67
K7ZYV	WF4W	KE6NDG		ZL3AAU	JG2TSL
K9JF	XE1RBV	N1KI	80		W7YED
KB2KIR		N2NWS	AC6BW	74	
KC1GWX	86	VE2WBK	K7FR	AK8B	66
KC3MLC	AG1T	W8PU	KE4PT	CX4AAJ	K6KLY
KE7RTB	K7FB	W8SGR	KR4Q	KF2TI	KB4YKC
KE8UM	KA9OKH	ZS6NK	KW1DX	LU4FPZ	KK4YEL
KI2D	KB7JJG		N2NS	TI2CDA	
KI4RFM	KI6HQT	83	UW5ZM	VE6SO	65
KJ4KW	KN4MMH	AA6E	VY2HF	VK4CZ	JA1XEC
N0OK	KP4TB	DL5XJ	W5TTY	WC6DX	K5EJ

N7UJJ OK1MP W4CCS	54 AG4KI	JR0QFA OH4UI WB8TGY	28 CT8/K0RUI JA6CRP K0FMI OH3DP	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	IK2RPE JK1UNZ JN1RQV N1IW ZS6WB
64 K3BQ WD5GRW (EM13QC)	53 K0BBC PP1CZ	39 AA5PK YL2JZ	27 E70A KC9ELU WP4NIX		11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	26 WB7QXU	18 AJ6V KJ4EU W0HBH	
62 HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	49 N8MR	37 BA7NQ JA9APS JH9DRL	25 EA4/K1WE	17 G3LZQ PY2XAT W0JM	
61 CU3AN N0GVK UX1UA	48 G8BQX JA9KRO K0BBC/R KI5KC N6DBF NP3IR YY4DNN	36 JA1WSK	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	16 N6VHF	10 DL4CF HB9BOS PA5KT SV2DCD TF3Y UR7DWW
60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ HL2IFR JE1VTZ	35 GI4OWA HA5PT LU9DO	23 GM4ILS HB9G K4SLC KP4EIT W8MK	15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN SV8CKM UT3UA UX0DL WC2C	9 DL7BA EB1EWE EC7ZK G6BFP IK3ITB JA1MZL JA2FGL JE1LFX KD3UY
58 HB9BIN KC6NBI SV8CS WA2MUA	46 LU2DX	34 G4SEU HB9ALO LA2QM UR5WA	22 9H1SP IZ3ENH	14 HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DK2LO JA1CPU JE3PCP JJ2NWI N8RO OH8LXT
57 IK1ZOF JL1UXH N5LJL WD5GRW	44 WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)	21 EA1YN		
56 KI5WA LU8ADX NI6T US5WE	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	32 N3LRH SM6WET ZL3TE	20 CX1FK DM2RM HL4CJG I1FQH JM1KVV N1WC OE3SGU PY5EW W8LR YL3HA	13 JE2UFF K4WY PY2MC W4PWF	7 DH0GSU G8APB HB9GWJ IZ0INX JA2NDQ JI2UDK
55 JL3MCM LA3MHA WA2EMF	41 N6PAZ	30 E72X JL3LSF JO7WXN WA6DNR			
	40 E75AA JF1LMB	29 HL2WA OE4VIE SP5APW			

LA3DV	EA4D	SV3FUO
N5ORT	G3LHJ	YB2DX
NJ4Y	GM4CFS	YL2KF
ZS4TX	GM4KHE	
	HA9PP	1
6	HL2ZN	3A2MW
CT2FEY	IK0WRB	9A2EY
DL1TRK	IK8EPC	BD4UJ
DU0A	IW3GJF	CT1AHU
EA8MT	JI1CHH	DH8BQA
EI2JC	JM1GHT	DJ3ZF
JA7NGE	JN1BPM	DL2DCX
PY2VA	JR6IQI	DL4ZAB
	KC0Y	EA3WD
5	PY5IP	EA4GQS
DL5LH	SA7CJO	G4VSS
EA1AAA	SV1VN	G6MXL
EA7ZY	W1CBY	G7SQS
IK8GYS	WD9EWK (DM43)	G8TTI
JI5USJ	YB1TJ	IK5BSC
JJ1IDW	YL2CA	IW0AFS
KB8VAO EN91K	YL2MU	IZ0BTV
M1VPN		IZ2CSX
MU0GSY	2	IZ3DBA
OK1IN	5B4ALJ	IZ5FSA
ON5UE	6K5XZE	JA1GZK
PP2RON	7J1ADJ	JA7DPC
SK6QA	9A2GA	JA7VXB
VE2NGH	9K2NO	JH8XVT
VR2XMT	BV6CC	JI1HNC
W1ZR	CO6CBF	JJ1PFC
W2ZF	DF8FT	JL2ULM
YL2CZ	DK1CO	JN3ONX
	EH4BPJ	KC3KJQ
4	ES8JX	KG4JSZ
CT7/RC2A	F5TMJ	KH6WI
EK/RX3DPK	G0THY	KP4DER
F1DFR	G4DDL	MM0INH
IV3GOW	G8GNI	OK1UU
JG1JPE	GI4ONL	ON6NA
JH7IMX	IK1IYU	OZ1IKY
JH7IPR	IK2GOQ	PU5SVE
JK6DXD	IZ8XQC	SM3GBA
S51NM	JA6AVT	SM6LPG
UT5EL	JA6SZV	SP7EXY
VK4ZP	JA9FAI	SQ5NRY
XE1SAX	JH3MHI	UN8G
	JP1HDK	UR5EDX
3	K7LY	VR2VGM
DF1ZN	KEN IN NEBRASKA	WB7VUF
DJ5AV	LA2CQ	YO8WW
DL2KQ	OH3KAV	
EA1AR	SV1XV	