

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 (09 Mar 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	W3CP	W3IP	476	464	449
AA0MZ	W4UDH		KC7QY	KB9OWD	KF6HI
AA5AM	W5ADD	484	KC7V	WE9R	W8TN
AA5C	W5AFY	K0SIX			
AA7A	W5AJ	N7KA	475	463	448
A15I	W5FF	W5VY	N5KO	VE3EK	W5XC
K0GU	W5KI	W5ZN			
K1TOL	W5OZI		474	462	447
K4PI	W7GJ	483	N4WW	K6ZH	K4HB
K4XO	W7JW	AC0RA	W6XK	N6ORB	KS7S
K5RK	W7KNT	K0TPP		W5EME	N4SC
K5UR	W7MEM	K1USA	473		
K5WE	W9FF	W0VTT	NQ7R	461	446
K7CW	W9JN		WB00	NA9RB	K6EID
K7ULS	W9RM	482			N4QS
K8SIX	W9XX	AD6D	472	459	NV4B
K9CT	WD5K	KX4R	A11K	K4MY	
KA9CFD	WQ5S		KB7ME		445
KA9FOX	WS9V	481	N7ZO	458	KU7Z
KD5M		W9VHF	WD8JJA	KG5THG	N5NA
KG5CCI	487			N9BCA	N8OC
KM0A	K7MAC	480	471		
KO9A	K7TM	K5GZR	AF5CC	456	444
KR7O	K9YY	WB0ULX		N4JQQ	KB8VAO
KV5W	N0AKC	XE2CQ	470		N7BAV
N0LL	N7CW	XE2OR	WO7R	455	NI0G
N0LWF	N7IR			K4SO	W4DR
N0PB	N7NW	479	469		
N0TB	N9ISN	KM0T	K7BG	453	443
N1AV	NA6L	N5WS	N4TB	K4YMQ	AB4IQ
N3SL		W5WVO			K4XP
N3XX	486	WA7HQD	467	452	N4MM
N5DG	K1TO		AD1C	N5BO	N9PGG
N5OMG	KY7M	478	N5EKO	W3UR	NE1B
N6JV	N0KE	AE5B			
N9LB	WD5COV		466	451	441
N9UM		477	KA0JGH	XE2K	K8TB
ND0B	485	K0BJ	KB6NAN		KD3CQ
W0FY	K5ND	NC6K	ND4X	450	
W0JW	K9MU	W9RN	WB9CIF	AJ4F	440
W0LGQ	N0POH		WX7M	N9BX	AG9S

KB9DAK	428	KO4MA	W0RH	N7IJ	373
W2IRT	K9APW	W0GJ	W3UUM	NN4R	K4SSO
W3LPL	KP4AJ	WB5JID		W5TFW	
W5THT	N2NL		399	W7AH	372
	N4QWZ	414	WA9DU	WE4S	W5MO
439	N4TL	AH0U			
WB7CJO		K7KQA	398	385	371
WB8ZBT	427		K7SMA	KF0M	WA6BYA
	N4LR	413	N8IEZ	NK1K	
438	NM5U	WA9LFO	W1NG	VE6MB	370
K1HTV	W3LL		W5JAY	W4WTA	K5TN
		411			KN4SM
437	426	K9MK	397	384	KS4YT
NY0V	K4ZOT	N9EAT	K5RT	AB4SF	N3MK
	K8ZR			K1GG	NT0V
436	N5OK	410	396	K8ROK	
K3SX	XE2X	KE7SW	KB8U		369
K7PI		KE8KMX		382	JA7QVI
N9FN	425	K18G	395	K5PI	KF8UN
W3TC	K6ML	N4HN	AA5XE	K6VHF	N2DPF
WB8ART			K0AZ	VE3YXO	
	424	408	K5WBM		368
435	N4UFP	W7BA	KF7CQ	381	KB0V
K9KLD	N9AKR			W3VZ	W5RCI
KF6A	W3EP	407	393		W6GMT
		W4AS	K7XC	380	
434	423	W5CIA	W4TV	K7MCX	367
K1SIX	AJ4A			NE6I	AA4ZZ
	NA6MG	406	392	WA5LFD	KC4HW
433		AK3E	AF4HX		KI0E
W9WO	422	K6FG	N4UFO	379	KR4BD
	VE6WQ	VE2XK 6M FN07	W6OMF	KZ2I	NT9E
432				N8WNA	W7Yaq
K6GXO	421	405	391		
N6KK	K8ROX	AA4SC	N1EVK	378	366
W5TRL	WB8BPU	K5CKS	W4AVY	AG4W	KI7JA
				WR7X	W7FI
431	420	404	389		365
K0TLM	KK4MA	N2ZX	NE9U	376	K4JJW
K8ZM	VE3LYC	VE4EAR		AA5JF	KG7CW
N2QT			388	K8GI	WB4EVH
WA1Eaz	419	403	AE5FM	K8VfV	
	K7NN	NH6T/W4	K0IP	N2WK	
430	W0GN		W4WRL		364
K1TEO	W5AL	402		375	AB5EB
KF8MY		K3FM	387	K6QG	N6QQ
N5SYV	416		AA1ON	WB4OQX	
N5TJ	K4RWP	401	K2TER		363
	K7ND	K4CKS	KV4T	374	W4NH
429			N4CH	AB1OC	
WA5JCI	415	400		KV7K	362
	K5OMC	NJ6D	386	N6GP	WA5OLT
	K7AWB	W0JRP	K8JH	N7DB	

361 K7XB K8BL K9NR N7MB N8KOL NG4C	347 KT8O	K7BV K9QVB/9 VA2WA WO9S	328 K6ME N5PT W2CNS	318 N3ALN W4HY	309 AA4LR VE3XN
360 AA4FF K6UM (CN85) N3OC	346 W8LMG	335 K5FUV K5FZ K9QVB KB4MRX W9GKA	327 K6EME KJ5RC N0YO W2JU	317 KA8SYV N3PS W1SKU WA7PDC WO2T	307 KE5K W3ATV W9RPM
359 NI0P	345 W3XY XE2YWH	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI KD5XB NG7M VE1JBC W7JLC WF7T	316 K3FN KA0ABA N1KDO W4UCK W9BWR	306 K6RO WV9L
358 K5RLA	344 AC9DX K6FW KB0PE KG8P N9XG W1OW	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	325 WA2AEY WB4KTF	315 K5VH KG6AY NY2NY	305 K6UM (CM88) KF2T KT1J WA9M
357 K4LVV W5PR	343 AB4EJ K5EK N3RC	332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 K9SH KU4A N2BJ N8HRZ VE3TMG	314 KU4XO	304 K6IPF W4FC WA0GUD
356 NY1V	341 KB1EFS KD7DCR NX7U WA7YAZ	331 K8WDA KC0UDO N4MW VE7BV	323 N8II W4MAY W8KEN	313 K0TC N6NR NF4A W4GLV W5RKN WA1NLG	303 EA8DBM K8TGC K8TL N7LAN
354 K0DEQ	340 KE4TH N0AN	330 KB8MBC NK0S	322 VA6SZ	312 AF6O KA2GOJ WB3LHD	302 KB2TGU W3TI
353 AF2K K0CS K8EB	339 KE4BKL VA7FC W5VAS	329 AA1QD N2JJ W1DYJ W2OR W8WG W9DCT W9XA WX4G	321 NC7B NS4C W9VA	311 AC9S KM3T KS4XQ W2BZY W5DB	301 N0HJZ N2ZZ W7IB W9OBG WB0TVY
352 NZ3M VE3DS W0KKK W1JR WA9PWP XE2ML	338 VE3SXE WA5KBH	320 K0VG N4DW	319 N7US W4ER	310 AA8SW N1NK NJ7G W9KVR WO4DX	300 AA4V K0PHP K0SRL KB6VFC N3KN WA2BAH WX0Z WX2S
351 AA4FL K5DTC	337 K0DD K8ZES NU6S W9EWZ WA5RT WW0E	319 N7US W4ER			299 VE6WK
350 AB9BH N6VI N8YO	336 FG8OJ K5KDX				
349 KA0BAD					

W1LE	K9FA	279	W3HHN	K3VAT	255
W5SUM	N5BCA	AA8MA		K4XR	JM1IGJ
W8UV	NQ7G	KF9UG	270	K9AAA	K8MVZ
WB5GVY	W4LTJ	N3JPU	K4SPD	W7CT	KG4JPL
298	288	W0VHF (EL87)	KC9FQD	WB7QBS	W0NOZ
AG1A	HC2FG	WA4NVM	N2LIV		WA8KNE
KD4WSC	K1NU	XE1FAS	W4QK	262	
N4IQ	N6AR	278	W5DNT	K3CWH	254
297	W1DU	AA9D	W7JY	KD8JSP	KF8QL
DK8NE	W4HLR	AJ4W	WZ9B	KL7HBK	N7QOZ
N8YQX	287	K3JT	269	N4ST	VE3OTL
N9LF	JE1BMJ	N0LNO	K1GJQ	ND4DX	WD5ITW
296	N8CGY	N8BJQ	K2IE	WA0KBZ	
K6YUI	WA8ZID	NN1N	K3ZO	261	253
KC7RW	285	277	KD5R	AF2F	KG4ERR
295	K5CZD	AC7JM	N5EPA	K3TWK	N2XQM
KE4P	K9UO	JR1LZK	N5WD	KB8UUZ	N8LRG
N7NT	N0LD	NS4T	VA2CY	N3EW	W3SW
NA5Z	WA4HFN	PV8DX	268	260	W9TA
W2HRO	284	276	K6OJ	K6JAD	252
294	AB0RX	K2CS	N9ZTS	N6HC	AB5A
JG1TSG	K0KP	K5TWJ	W0KAN	W0PR	CT1EEB
K6JSV	K4DET	K7TAB	267	259	F4BKV
293	KX7L	KE8Y	K8DP	AK0MR	K1ACL
K3AX	NJ2F (EL96)	275	KG6EG	KD4ADC	NN4RR
K4KJZ	RETIRED	K1MAA	KX9N	KG6I	VE6NTT
N4JJ	283	K2NJ	N2AMC	KN5O	VE6SH
N4MI	W8OP	N4GG	N7UVH	N1RR	251
W2GKR	WA0FQK	W0FK	N8EHW	NS7K	AD5JK
W4VC	WB0CQO	W8PI	W4FSO	NY1E	HC1BI
WA2IIE	282	274	W5WP	VE6BMX	K1NJ
292	AA0ZP	KB1DMX	W9DRB	258	K3NK
KJ6P	K5TA	273	266	K1BD	KG7NV
W1SSN	N0GZ	K2BLA	K1OA	K2HAT	NN4SS
291	N8JCM	KM4H	K1WVX	NA2NY	250
K1ST	W4WM	KV1J	TG9AJR	WB7ECS	AA9LC
KS4S	281	WB0OQV	WB8EJN	257	NW6R
W1WHL	K4OY	272	265	K0CCM	249
290	NL7CO	K0PG	N5KS	K2KA	CT1IUA
W3HDH	W2YE	XE1AO	264	K5QE	K8AO
WA8EFK	280	271	AC8L	KD4MYE	KQ5U
289	K2UU	K7NII	K4JAF	N5DTT	N1GC
K4MM	N0KV	KB7FUV	N0TK	PY2XB	248
	NM5Z	KM3V	NF1O	WA2HFI/0	K1ZZ
		N9JR	263	256	W6VFA
			AK4PR	K3WA	247
				N8ZJN	W1FKF

W3TEF	W6RW	231	W8AKS	216	W5WGF
246	W9YOY/M	K4MIJ	WN6W	K7RB	WA4NFO
JA1UAV	WA3SEE	K6HEW	224	N0IS	XE2N
K0DAS	WB1FLD	KF6GYM	JA8ISU	NE1F	208
KK8X	238	W9XT	K9MQ	W5RWF	AI2N
N5TIT	AA3GM	230	WA4YA	215	CO8DM
VE6TA (DO33)	JP1LRT	K1ZE	223	AL7OC	KD5HIO
W4FRA	K3FRK	KO4MM	K7UA	K2SX	PV8ABC
WI7P	KV7N	VA3XJ	NI3K	KI5FJ	207
245	237	WB0WAO/8	NJ7A	N2YU	K3HPA
N1IA	K3KO	229	222	N6KW	N1BCL
N3XF	K4QE	K6RG	K0YY	NA5C	N8NJA
VA3CW	236	KB9RUG	K2TV	214	206
244	K0SU	KD5IKG	K3AJ	KB9PJJ	AB0CT
AA9RR	K4NK	KE4UW	KA1LMR	PV8AZ	AK4Y
K8DV	KL0S	N4NX	KD4K	VE3SYK	CT3MD
N3AIU (FM08)	MD0CCE	NN5DX	W8GJ	WA7AJ	K9YC (EN61)
N4JRY	N3FTI	228	WA2BOT	213	KB0LYL
VA3ZV	N9ATD	K5RUS	221	K3DFL	NA5Q
VE3VHB	W5AJX	K7HSJ	K5WMH	KI6X	W0BNE
W0VD	W9OO	KF2ZQ	K6CQR	W0NBC	W4EJG
WD4IXD	235	N8AIA	N0PSJ	W8RD	XE1J
243	ND0C	W5HEZ	N4ION	212	205
JA1QJI	NN9X	227	N5UWY	AB5C	AF4OD
K3TC	VO1GO	K8ZT	W4IFI	JF8QNF	K8SD
W4EJ	WB6RJH	K9TF	220	KF7NN	KE4HOA
YV1DIG	WT2P	KS9A	K7BTW	N2OA	N5ITO
242	WZ9W	W4KXY	N7XCZ	N5PA	N9ATF
K3WW	234	W5LUA	211	212	W8QID
KA3TCC	KE6FCT	XE1GLL	K9FOH	AB5C	204
WA8MCD	233	226	NE8S	JF8QNF	IT9IPQ
241	K1AFC	AF5WN	VE3SMA	KF7NN	203
N6NU	N3AIU (DM45)	GD0TEP	W2ZDP	N2OA	K0VSV
W5LO	N9NJS	JM1SZY	W5HNK	N5PA	K5HYT
240	VE7VZ	N7CNH	W6AER	211	K5LOW
AB5GU	W3DF	N8UR	W6AER	K9FOH	N0HF
KG5EIU	W8PAT	NM5S	210	NE8S	N8SYF
KI0HA	W9TD	W0VX	JR3REX	VE3SMA	NR0Q
KK4ZUU	XE1L	WQ6Q	K3MSB	W2ZDP	W1RM
KO6LU	232	XE1YY	K9YC	W5HNK	W9GFB
VA3HP	AE4WG	225	KL7NO	W6AER	W9VOB
W1VT	AI9L	AC9O	N1SV	210	202
WA2VJL	K5FO	K9QJ	N1TQ	JR3REX	K1BZ
239	N9NJY	KX9X (EN50)	N6UK	K3MSB	K5GJR
KF4LVF	W0PPA	N2WSY	WQ9T	K9YC	WC7X
		N4SV	217	KL7NO	WF8Z
		VE3MSC	KB1HY	N1SV	
			ND4V	N1TQ	
			W4DEE	N6UK	
			209	WQ9T	
			AA4IB		

WQ5W	KG6WIK	WU9Q	K4CMS	K0DI	W4JKC
		WX9M	K5HDE	KX9X	WK3V
201	194		KB8YKR	N5QGH	
AA7WB	K2MRK	187	N3XJX	NP4BM	169
KC5FP	N3FA	K3EA	N4DTF	W5AFD	K6XC
KO9V	N9NFT	KD3HN	NY0A	WA5IPS	KD5OMJ
KR0I	WF1H	KQ0J	W4RBO	WW2R	N2BEG
NN0K	WK8A		W9BS		N5XES
WA1MKE		186	WJ1B	175	N7PHY
WA9ASZ	193	DJ5FI		K1DT	VE3HHT
	K7PT	K6ZZ	180	PV8BR	W8KNO
200	K9AB	K8PT	K0OST		
4A2MAX		K9SG	K4LYN	174	168
K4YJ	192	KN4PPD	KC1MMC	K3MD	KG5ZMQ
N5AO	N1LF	KN7K	N1RK	K6WRL	W8WEJ
N9AG	N2NB	N0XLR	N6PEQ	KC6ZWT	
VA3VU	N3CAL	N6ZE	N6VH	KG7P	167
W1AW	N3NR		WA5RR	KU0A	K4MQG
	N4LXB	185		N1MGO	KB1YNT
199	N4TV	AD6W	179	NA2NY (ex-NA1V)	VE5EP
K4GHS	W6MTR	KD5BQT	K1EP	NA6O	LU4FW
N3KFB	W8FN	KU4UC	KU4WD	W3SO	N0NHW
NJ8J		NA2R	N0LIE	WA2PNI	NO0T
W4OEP	191	PY5CC	N0MMA		TG9ADQ
WB0YEA	K0ITC	W3OU	NH7RO	173	W1BAT
	K9CS	W5BPT	VA3DPB	K2ZZ	
198	KK6OH		W8LHP	K5YPV	166
AC8TO	N9AMW	184	WA4QMQ	KE4SCY	JA1OVD
N0UK	WA2BKN	AF5Q			KC2GHT
N7EPD	WA5CAM	K0DEW	178	172	N5VU
NX0I	WD4JHD	KR4M	KA2AYR	AB9KZ	NC4RY
WA7KYM		N1IBM	KB0EO	K5ZED	VA3WEB
	190	N4BG	KB1RZA	KI4PKW	WB4KXS
197	K2WJ		KG5RJ	KJ6HI	
K3EGE	K5DB	183	KK8MM	VE2PN	165
N4BAF	K5ER	K5RQ	N1ZUK	W4ABC	K4DXT
W3TW	KC2DLD	N0FJP	NQ2O		KD5HPT
W5CTV	N5SMQ	N0UBL	VE3NRT	171	N1JFU
	N9UA	W2UDT	W0ZY	AA4PB	W0RIC
196	W1ATV		W1MAD	HP2AT	
JR2HCB	W2OO	182	WY7FD	KC5GSK	164
K0AIZ	WB0DBS	4O3A		KC5YCH	K2SD
K0NR		AJ6T	177	KI4TZ	K5VWW
N5DUW	189	DF3CB	AG4ZE	NS3L	KD0UHN
W2AMR	KC0MEA	FP/KV1J	K2QQ	W1PX	KF9US
XE2ED	W3SZ	K5GMX	KI4BWW	WA2KBZ	W4CSW
XE2W	WA5VKS	K8WK	SM7FJE		WK7G
		KK0DX	W5ZG	170	
195	188	W2CCC	WA8UEG	K9TVG	163
AA4W	AD7KI	XE1CL		N4GBK	K2JF
JA7MSQ	KD4HLG		176	N8CN	K2YSY
K6VDP	W4AZR	181	AD5ZA	NA2U	N5XZ
KC0VDY	WA7VHF	AB9FN	EA5BY	W4IHI	

162	VA3NQ	K7IU	W0HNM	138	W4TKI
AF4GK	WV8DX	KB2YSI	W0UHL	AC0XY	WA3WZR
K0QB		N0TM	WB0MMC	AI6O	
KA1R	154	N5ZBI	WM5H	JA6RJK	133
KD4TDI	AE4NT	W6VNV (CM88)		KD7WPJ	KA5ETS
W9JJB	KB9VMW	WB6RAB	142	KE0A	KC1RET
W9VS	W3ZQN		N5RMS	KE3D	KE1VT
WA1Z		147	NA2X	KE8RO	KM8V
	153	AF6AV	NC4VA	KQ4KX	N7T
161	AA4NC	IZ1LBG	W5SWV	N3XH	W0RT
K4EA	AB4GG	K6PSP	WA5TKU		W4GE
KB3CWQ	K7AD	KC1BUF	WS4V	137	WW7Q
N2YBB	K7LOL	VE3CX		N1SZ	XE2O
V44KAI	K7ZD	W4YCC	141	N5JGK	
VE3LC	KW0A	W5WOX	K4AR	SM7AED	132
W4HOG	N1OFZ	WA0VPJ	K9ATX		AB3CV
	N2ADV	WA3YGQ	KT8TD	136	IC8TEM
160	N6DHz		N9FIV	I0WTD	K5VG
K5IQ	W3DQS	146	W4FS	K0XXX	KW4G
WA3DRC	W5FI	K2GW	W4POT	K4SX	N4PPH
	W9ILY	K8YTO	W6ZI	KC5LK	NE1I
159	WB5ZAM	KB0YH	WB9WHQ	KC9AXZ	VE3TM
K4MZ		KB5ZEA	WR7AY	KJ5RM	WN6K
NS7B	152	KC2TN		KV1E	
W1EME	AA6I	KM5TY	140	NO1R	131
W4TTO	N1NUM	N4HID	AC5DK	OE6IMD	K3NAT
WB8NUT	N2WM	VA2RC	CO2WF	W2JCN	KG9R
	NU1T	VE1VOX	CT1BWU	W4AVV	N2CJ
158	UT7QF	W4HFZ	JA1AFR	W7UV	PV8AJ
K8CR	W6IA		K1UO	XE2JS	
KI0D	WO4G	145	K7SAM		130
N2CG		KD7YZ	KC0MEZ	135	AB0X
	151	V31MD	KC8TMU	CU3EQ	AK8CW
157	KO0Z	VA3TTX	KJ4KVC	K4MWB	K0GUR
K4FX	W1ZT	WA4JA	N1EN	K8ZIZ	K4JKB
KB8GC	W2DXE		N3VOP	LY3W	KC4NX
KC2WUF		144	NJ0U	N4DB	KE8RJU
WA7NB	150	K0TLG	VE3KY	N8XE	NG9R
	N9LAH	K5TDW	W4TUN	W6BXQ	VE1DX
156	VE3OAT	K6JRA	W6DQ	WB8BZK	VE2TZT
K2KJ	W7APM	K8MN	WA4KXY	WW2DX	W0PHX
N3RN		K8WU		XE1H	W2LES
N9KO	149	N9DI	139		W3FEY
VE7VDX	AB6CF	W5MPC	IZ8FFA	134	WA2SEI
	K4SAN	WO7GI	KC7JPC	AB1NS	WB4YDL
155	KK9H		KU0G	AB4GE	WW5W
AE4M	WB4VHF	143	N2ZA	BA4SI	
K3TD		K0KVR	N3FX	C6ABB	129
K6XN	148	K6JBH	NA2AA	GM4UYE	8P6ET
N7AU	AC0DQ	K9QFR	W2PD	HK3W	JF4VZT
N9OBE	AG0A	KB8RJS	W4OV	KE5FXE	K0KD
NY4I	G0OIL	N8URE (FM19)	WB2JIL	N3AIU (DN70)	K5QWO
TG9ANF	K0RU	NA1VT	WY0V	N8GOU	KC8KSK

KF4NEF	124	W8DN	117	K3DQB	K2JGL
KM5LY	K0DLW	WB9TFH	AB5J	KD4BPZ	K2OO
KM5SC	K8VA		K4WS	KD6VCD	K5DNL
N9WBR	KB0HH (EM06)	120	N4USG	KM5OL	K9GY
NZ6N	KD5FTD	EA1YO	N5JEH*	N3JDQ	KE6GLA
128	KM1C	K2CYE	N5LPT	N4YCI	KJ6CA
KC7QAG	KT5MR	K4CGY	NA7L	N5YK	KZ7N
KJ6SDF	N0SL	KD0R	NU6V	W0BM	N8TMW
KN4DMN	N9AZZ	KD4MZM	W6WE	W8MSP	N9TTX
W0WT	PV8AAS	KD5BRF	WA1TBV	W8VW	VE3AAQ
W5ZO	W0PE	KE4SCY (FM06)	XE2PXN	WD0ENC	W0YJT
W8FR	W1TAM	N3YPJ			W1OP
WB2WEO	W7YM	VE1JC	116	112	W4ZRZ
WQ7F	W9CDL	VE3XK	IK7EOT	K2MLS	W5MPC/1
	123	W4LVH	JR1BAS	K3GD	W7RJR
127	AC7AF	WA6RAY	K4RGN	K5WTA	WB6YIY
AA9RK	K9SM	WB0WAO	KI6QDH	KA7T	WB9W
JA3LZS	KB0GT	WD4OHD	KU5B	N5HMH	
JR2LJO	KB0STN		N0VR	W1TR	108
K3GYK	KG6DHQ	119	NO0B	W5DM	CF3VRQ
K7UV	VE3TG	AE5AU	W0DHB	W5DQ	HB9BZA
K8AC	W1HS	K0AWU		W6OAT	JA9IPF
K8OS	W3SE	K1ZN	115	W7IV	K5OPB
KB3OZC	W4PRZ	K2SQS	K9MMS	W9PN	N3MWQ
KB9TLV	W5EWF	K4MSG	KE6TVM	WA8TWM	N5DD
KC0RQH	W7MHW	K7JIZ	KF0QS	WX3P	VE3SUB
NO8D	W8BI	KF7PCL	KF9AF	XE1GK	VE7IG
VE2JWH	W8KHP	KP3V	KM5FA		VY2RU
W1FLD	WA8WV	KT0P	N7VGO	111	W4AMP
WA6BIL	WB2RVX	KW7N	VK9DX	N0SLT	W4CRN
		N4UPX	WA3BZT	N8IK	W5AAJ
126	122	W0QC	WC7V	PC3T	W8EH
KJ7G	K7AED	W4SW		W8GBH	W9VNE
N0BDS	K7OGW	W7QQ	114	WZ8P	XE1R
N7DGI	KA9JAC	WI4T	AC8HU		
WB4HUC	KB4UF	WM9M	K2RET	110	107
YL2AO	KB5WFE		K3RTU	K5KR	JA3EGE
125	KC5UGX	118	K9AAN	K7LD	K5UIC
AA7DK	N5HYV	J68AS	KC4GCK	KD5J	KF7PG
K3PU	VE6PY	K4AZV	KG9Z	KI0F	KI9A
KC5DRI	VE7JAC	KA4LBD	NF8M	KP4JRS	KK4LUM
KD2NF	WD0GTY	KF6MXK	VE1WOW	KQ4LA	N3TTT
NT7C		KI7BP	VE3IRR	KX5U	N9OI
W2AJM	121	KT8X	W2JLK	N5TIF	NF0T
W3UQH	AE1P	KW4BY	W2ZQ	N5YM	US0KW
W4DFU	K0MFI	N1QDQ	W4ALF	W7JET	W2ODH
WA6POZ	K4HBI	N3JNX	W4UFO	W7UP	W2TTT
WB4OMM	KB2WAL	N5EIL	WO2C		WB4PPW
WE1P	KB5MH	NZ1I	WX4US	109	
	KE4JFS	TF3JB		AK6ZZ	106
	NE0P/9	W2AC / WB2ABK	113	G4BWP	EA4DEI
	UR0MC	W2AC/WB2ABK	AB4PM	IW1ARB	K0MEI
		WB2KSK	AD5MD	K2DSW	K5BJW

K7BWH	N1LDY	KE1AU	KC2HLI	NS2P	K0QEI
K7JE	N2FBQ	KJ4M	KC8CC	VE2HAY	K0SH
KB0TIJ	N3UPS	KR5V	KC9CMT	W2HOG	K0YQ
KC7ICM	N7AGF	N1HOQ	KD3SW	W2VU	K3HZO (FN20)
KE5JXC	NJ1H	VE7ZD	KE5CVM	W5JLC	K4GTR
KJ6MBW	VE2PIJ	W4RVZ	KF0Q	W6TJU	K4JQU
KK2DOG	W1TE	W5DPT	KG5X	WA1LAD	K8XF
N0RQ	W1ZE	W5OV	KJ5OA	WA5TRX	KA2BSK
N1USB	W4KVS	W7UT	N3TBB	WB5NHX	KA7EII
N2IPH	W6ZQ	W9NFL	N4NIA	WB7VVD	KC0YBM
N4CE	W9EBK	WA8EQP	N5RZK	WK5X	KD5CKP
N5FPW	W9MDB	WB5FDP	N5XTR	WW2R (EL09)	KF4KSN
N5YHF	WB2VUO		N7EME		KM4NYI
N8HM	WB8BZK/VE3	101	N8COP	98	KT5WB
N9XMU	WG3K	AE7V	N8XS	AC2RL	N1SFE
VA3OKG		K0RAR	VP2MRM	AD8Y	N1VMJ
VE3AJY	103	K0SBV	W2CH	K0KC	N3UMA
WB6VYH	AA5CK	K0WJ	W4/KL7GLL	K0UD	N4BH
WQ9F	AB0YM	K2NUD	W4OZK	K3IXD	N5OTY
	AB5SS	K5DWI	W8BZY	K3QIA	N6MA
105	K2OY	K5HX	W9DQ	K4OP	N9APK
AC4Q	K4MVL	K7SYS	WA5TLP	K5HOB	N9IO
K4SJA	K6USY	KB4KBS	WV9E	KA1EKR	N9KY
K9MAL	K8ZEE	KC6AWX		KE4LGL	NK7C
KB3JGS	KA1W	KC8CSD	99	KG4YOU	NU0Y
KC0JYT	KB0FHP	KG8WB	AB0SD	KG7E	VA3FIN
KC4KK	KB2SGX	KG9IL	AB3TM	KJ2G	W3QT
KF4DGS	KC9FFV	KL2R	K0YO	KK0CQ	W4CWA
KJ7TH	KF0AIJ	KR4WM	K4KEW	KY0Q	W4DAS
N4NQY	KF4DVG	KR7LD	K4WQ	N0JJQ	W4ID
N5SAN	KR4NO	N1IX	K4ZO	N1JHJ	W7DN
N7YY	N0YXE	N4AOE	K5VPQ	N3LRP	WA6OSX
NE9O	N1JIF	N8VEA	K7DD	N5TEY	WA9LEY
PU4JOE	VE7DXG	N9DVS	K7PAP	N8AID	WB8RVK
VE3VRQ	W0TF	ON9CMR/W0	K9ZZE	NO5X	WB8ZTV
W8MIL	W3LEO	VA2LGQ	KA0ZEE	NO8R	WB9PNU
W9RVG	W6IT	W4LLP	KC2IEB	VA3VF	WE8L
WA4MYO	W6XU	W5KBD	KC6X	W2KRP	
		W7ISG	KD4MWO	W6TE	96
104	102	WB8IMY	KD6RUH	WA2FGK	AD5OW
AB9YC	AA9MY	WD5IYT	KR4UA	WA3TLT	AE4TQ
AC5K	AB8JH		M5MYH	WB1GQR	AK4F
AC5RN	AD6KH	100	N4FV	WB2YDS	K2CK
AC9QR	K0HAQ	AC0FT	N5OHL	WD0E	K2UF
IK4DRY	K3HW	AI2S	N7HRT	WH6LR	K2UNK
K5PPP	K5VR	AI9U	N7JPF	WT5H	K4EQH
KB9RNO	K9AM	K2UA	N7TE	WV5Y	K5CRJ
KC2TR	K9OHI	K4UQC	N8GHZ		K8EMR
KD9GKL	KA3ZLS	K5GM	N8YV	97	K9OT
KJ7OG	KB8CR	K5KV	N9MKC	AB8M	KA2NDX
KM6WXB	KC6WFS	K8IJ	NB5R	AJ9C	KA3HED
KO4LZ	KC8DMN	K9CC	NH6CJ	K0HB	KB5GI
N0STP	KD8NYO	KB9ZLB	NI5W	K0JQZ	KB8PNS

KC0HBP	VE3KZ	N8WWM	VE3WMD	CO2WZ	KW3DX
KD6PY	VE3SPW	N9DD	W0MHK	K1UR	N2ULL
KI5TE	W3UA	N9UNX	W2VTV	K4SPA	N4BRF
KM2O	W4YZJ	VA3MA	W3ZGD	K6YK	N5BA
KM5NU	W5ADA	VE3RX	W4GPM	K7HPN	N9JJ
KS4V	W5CBF	VE5MX	W5DMT	K8OI	N9MSG
KT5RR	W5RCQ	VE7AB	W7EIR	KB2YWU	VA3XOV
N0WVU	W7JWC	W2GR	W7TRX	KB3IAI	W9CPV
N2LID	W9SX	W3IPA	W9IFW	KB3NDS	W9CSY
N2VHZ	WA2ONK	W3TA	W9NED	KB7AZ	W9HBH
N2XK	WA3I	W4LNG	W9WI	KC5POV	WA2BEV
N8PAQ	WA4WR	W5ODD	WA5ICA	KC8LGL	WA8OJR
N8YBY	WB2SIH	W5PUF	WB5CON	KG4QWC	WD9HCF
NT2A	WD8DOT	WA7LHZ		KI3O	WE7H
NW5Q	WS4S	WA9BXB	92	KI5BLU	WEST SEATTLE AMA
NY2Z	XE2AT	WT9U	K1EY	KM7N	WH6LE
VE2DCP		WV7S	K5GDY	KM9I	WT4C
W1HMM	94		K5TDA	KQ6K	XE3/K5ENS
W4KK	AA4RP	93	K7FU	N3PPH	
W4TMR	AB4VT	AG2A	K7HKR	N3WCM	89
W7JHS	AD1DX	AG6CV	K7UWR	N7CZ	AB1TZ
W8DM	HK4SAN	AI8F	KB0PQP	N8DEZ	AG2AA
WA3EEC	IK8YTA	K0IW	KC4JNW	NR4J	AG7NR
WB0M	K0ARM	K1PTF	KD4QMY	NU4N	G4NBS
WB5KJE	K3BEE	K1ZK	KE4WBO	OE9KFB	JQ1TIV
WP4LNY	K3TUF	K2AK	KG4URP	VA2BBW	K4BMM
	K4JRK	K2MTS	KR7X	W2SUB	K5CX
95	K4LDC	K4DAM	N0RC	W4MLN	K5JAZ
AE0G	K4NNX	K5TRI	N2SG	W5KDA	KA0MWA
AE5EO	K8GT	K6RM	N3GH	WB0NRV	KF4TVL
K1PNQ	K9DOG	K7IP	N4VN	WB7X	KI0G
K4ED	K9SUL	K7TRK	N5QO	WC4V	KI4FW
K8KFJ	KA2F	KB0USF	N6FD	XE1GZU	KI4US
K8ME	KA9UVY	KC5TGT	N6RPM		KR4U
K8VD	KB7AK	KC5TT	N7DED	90	N2GZ
KD7WH	KC0AUY	KC9TTR	NS6E	AA0LM	N5KAE
KD8DR	KC3AK	KC9UL	UT5JAJ	AB4WL	N8YSZ
KD9ZR	KD4VRZ	KD0QG	W1PV	AB9DU	N9RG
KF6XA	KE3WM	KE6AZX	W2ACY	AF5BG	N9UDX
KI0SK	KF0LA	KE6UMW	W2CVW	DL1SMA	NE2U
KW9U	KG4NLZ	KE8RPJ	W3ACO	JH4JNG	VE3VCF
N1XK	KU4JZ	KI0J	W3HZU	K1HC	W0HRO
N2SLO	N0LNE	N2BX	W4BP	K1KA	W1HY
N2WLS	N0LP	N2YTF	W4LIA	K3CWF	W2JEK
N3WAV	N2SU	N3AO	W6NS	K3UAL	W2OK
N4ET	N3JBH	N3ZBK	W8JV	K4AAP	W4ZMM
N5BLY	N3XBG	N4GOA	WA3JKB	K4FTP	W6VNQ
N5ENU	N3YUG	N4YHC	WA4EEZ	K4XZ	W9HT
N5KI	N5ZMP	N7EGY	WM3O	K8EAB	WA7SDI
N9IV	N6HY	N7JI		KA5TJI	WB3IAL
N9LJX	N6MXU	N7KSI	91	KB5FHK	WM6Y
VA3KS	N7NH	NA9D	AA0CW	KB7BSA	WQ5C
VA3PZ	N7UN	VA7QI	AD3Y	KK4DZP	WR5AY

XE2NL	KC8NAH	W7SIR	N6MM	NP3YL	KJ7TEA
XE3DX	KE6WOX	W8DQ	N7NEV	W5UC	KW4OV
88	KI6RRD	W9QY	NI4Y	WP4NEG	67
AA4QE	N0ELA	WA4WKL	W3MC	ZL3AAU	W7YED
AE0DX	N2CJN	WD4LSS	WA4ZXV	74	66
AE4OF	NA5DX	WF4R	WA8ZNC	AK8B	K6KLY
AF4MI	NE5S	84	XE1EE	CX4AAJ	KK4YEL
K1RS	NI5F	CT3FT	80	KF2TI	65
K3TN	NN7RM	K4EZY	AC6BW	LU4FPZ	JA1XEC
K4XD	W8GOC	KE6NDG	K7FR	TI2CDA	K5EJ
K7CTV	WB3IGR	N1KI	KE4PT	VE6SO	N7UJJ
K7WV	WB8JAY	N2NWS	KR4Q	VK4CZ	OK1MP
K7ZYV	WF4W	VE2WBK	KW1DX	WC6DX	W4CCS
K9JF	XE1RBV	W8PU	N2NS	73	64
KB2KIR	86	W8SGR	UW5ZM	G4FKA	JG2TSL
KC1GWX	AG1T	83	VY2HF	JF1IRW	WD5GRW (EM13QC)
KC3MLC	K7FB	AA6E	W5TTY	SV1RK	63
KE7RTB	KA9OKH	DL5XJ	W6TCP	VP2MJD	EA1DR
KE8UM	KB7JJG	K1LH	W7AM	W4WT	KB0RFY
KI2D	KI6HQT	K4SQC	79	72	62
KI4RFM	KN4MMH	K6JJ	K4RW	AB1QB	IZ8EDJ
KJ4KW	KP4TB	K8SIA	KP4N	N4II	K4DXA
N1CEO	KT1R	KB3HHA	N2COP	PV8ADI	N6ZDH
N2MKT	N2NF	KB9LIE	N5YJZ	71	SP5QWB
N2ZN	N3MVF	KK7BV	N9RC	HB9EFK	61
N4CAG	N8TFD	KU4WW	VE3CFK	K0GW	CU3AN
N4GN	NZ3O	TG9AKH	W2GW	K4GK	N0GVK
N4KIN	VA3MDB	W7USB	W2SKI	K5WPN	UX1UA
N4UC	VA7LM	WD6T	WN0L	NP4TT	60
N5VBK	W8IW	WD9IOK	78	W2YR	IZ4DPV
NS3X	WA1PMA	WI6Z	K2QPN	W3FGP	KP4JFR
NT4TN	WA4USA	XE1MM	TG9AWS	WC5M	S55DX
VE2VLJ	WB4GCS	82	W4NE	70	UR9QQ
W2BZR	XE2AU	AD4IE	77	GI4SJQ	58
W3YX	85	CB0ZA	K1IFJ	K4BNC	HB9BIN
W4DL	EI3IO	K4JMX	MI0AYR	KC0ZRX	KC6NBI
W4R XR	K1UU	KA5WSS	76	W2LV	SV8CS
W7HDD	K4LRP	KC5YKX	K0WYN	W2QO	WA2MUA
WA2BTR	KB3MXK	KG4KVZ	KI4CYB	W4GP	69
WA5MD	KC0V	N1SF	KI7WXP	70	K3WGR
WK3N	KE4DRF	PU8TEP	N1GNB	68	WD4LBR
WV8O	KK4AND	W5DAS	N2MH/4	AA4S	57
XE1SOV	N2RJ	W7YOZ	75	EH7CD	HL2EIZ
87	N4LS	W8GG	G4RGK	K6CF	IK1ZOF
AC0A	VE3GFN	WA2ONG	K3PP	68	N5LJL
AG4I	VE7DAY	ZS6NK	K8QM	AA4S	WD5GRW
K4JC	W1WV	81	N5GH	EH7CD	
K5UZ	W3STU	AB4I		K6CF	
K5WO	W4IT	KE4DZU			
K6UIP	W4RA				
KB1VUN	W6ST				

56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	32 N3LRH SM6WET	21 EA1YN	PY2OC W9TTY	JE3PCP N8RO OH8LXT
55 JL3MCM LA3MHA US5WE WA2EMF	41 K0BBC/R N6PAZ	30 E72X JL3LSF JO7WXN WA6DNR	20 CX1FK DM2RM HL4CJG I1FQH N1WC PY5EW W8LR YL3HA	13 K4WY PY2MC W4PWF	7 G8APB HB9GWJ IZ0INX JA2NDQ JI2UDK JJ2NWI LA3DV N5ORT NJ4Y ZS4TX
54 AG4KI	40 E75AA JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW	19 EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	12 EA3GP F4ESV HB9DDZ IK2RPE JE2UFF JK1UNZ JN1RQV N1IW ZS6WB	6 CT2FEY DH0GSU DL1TRK DU0A EA8MT EI2JC JA7NGE PY2VA
53 K0BBC PP1CZ	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V KJ4EU OE3SGU W0HBH	11 A65BR DL1TS DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB PY2DV PY2GM SP5XMU	5 DL5LH EA1AAA EA7ZY IK8GYS JE1LFX JI5USJ JJ1IDW KB8VAO EN91KT M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ
51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	27 KC9ELU WP4NIX	17 G3LZQ PY2XAT W0JM	10 DL4CF HB9BOS PA5KT SV2DCD TF3Y UR7DWW	4 CT7/RC2A EK/RX3DPK F1DFR IV3GOW JG1JPE
50 N6DW	37 BA7NQ JA9APS	26 WB7QXU	16 N6VHF	9 DL7BA EB1EWE EC7ZK G6BFP JA1MZL JA2FGL KB4YKC KD3UY	8 DK2LO JA1CPU
48 G8BQX JA9KRO K5XI KI5KC N6DBF N8MR NP3IR YY4DNN	36 JA1WSK JH9DRL OH4UI	25 EA4/K1WE	15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN SV8CKM UT3UA UX0DL WC2C		
47 HB9RYZ HL2IFR JE1VTZ	35 GI4OWA HA5PT LU9DO	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	14 HB9FMN JA2XCR KB8DVT PA7RA PV8RR		
46 LU2DX	34 G4SEU HB9ALO LA2QM UR5WA	23 GM4ILS HB9G JL1UXH K4SLC KP4EIT W8MK			
45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH			
44 WO3T XE2YWH/1					

JH7IPR	IZ8XQC	SM6LPG
JK6DXD	JA6AVT	SQ5NRY
S51NM	JA6SZV	UN8G
UT5EL	JA9FAI	UR5EDX
XE1SAX	JP1HDK	VR2VGM
	K7LY	WB7VUF
3	KEN IN NEBRASKA	K08WW
	LA2CQ	
DF1ZN	OH3KAV	
DJ5AV	SV1XV	
DL2KQ	SV3FUO	
EA1AR	YB2DX	
EA4D	YL2KF	
G3LHJ		
GM4CFS	1	
HA9PP	3A2MW	
HL2ZN	9A2EY	
IK0WRB	BD4UJ	
IK3ITB	CT1AHU	
IK8EPC	DH8BQA	
IW3GJF	DJ3ZF	
JH7IMX	DL2DCX	
JM1GHT	DL4ZAB	
JN1BPM	EA3WD	
JR6IQI	EA4GQS	
PY5IP	G4VSS	
SA7CJO	G6MXL	
SV1VN	G7SQS	
W1CBY	G8TTI	
WD9EWK (DM43)	K5BSC	
YB1TJ	IW0AFS	
YL2CA	IZ0BTV	
YL2MU	IZ2CSX	
	IZ3DBA	
2	IZ5FSA	
5B4ALJ	JA1GZK	
6K5XZE	JA7DPC	
7J1ADJ	JA7VXB	
9A2GA	JH8XVT	
9K2NO	JI1HNC	
BV6CC	JJ1PFC	
CO6CBF	JL2ULM	
DF8FT	JN3ONX	
DK1CO	KC3KJQ	
EH4BPJ	KG4JSZ	
ES8JX	KH6WI	
F5TMJ	KP4DER	
G0THY	MM0INH	
G4DDL	OK1UU	
G8GNI	ON6NA	
GI4ONL	OZ1IKY	
IK1IYU	PU5SVE	
IK2GOQ	SM3GBA	