

ARRL DXCC - 160 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 03 Feb 2026, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

344 W8LRL	328 UA4CC	317 W3LPL	RA7A RZ3AM SP2FAX	N4IS NN4T SM3GSK UA6A	VA3EF
341 EA8AK	325 EY8MM K9UWA UA2FF	316 IK4WMA K5RK N1DG OH3SR W2VO	310 I4AVG I4EWH RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM3GAV	299 K4TEA N1BUG SV1FJA UX1UA W7UT
340 K1ZM	324 K2TQC K4PI OH2BO S50A W1NG	315 PE5T S50U W1JR	309 IK4MGP	303 F5LGE G0JHC GM3YTS JA1BK JA4LKB K1UO RU3DX	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU
339 W4DR W4ZV	323 SP5EWY	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG N4RJ UT3UA	302 N3XX SV8JE	297 DK5PR N4CC OM2XW W0FLS
335 OH2BU R7LV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ PA3FQA SM3EVR SP3EPK	296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ
334 N4WW	321 WB9Z	312 OH1MA S54E	306 DL4MCF EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU SV8CS	295 K3UA WD5COV
332 UR0MC	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I	305 CT1EEB JA7NI K4ZW		294 DL1AMQ JH2FXK
331 K5UR LZ2DF UT7QF	319 N0XA SM4CAN UT5UGR W9ZR				
330 AA1K HA0DU OH1XX R4GM	318 4X4DK				
329 K3UL UA4HBW					

JR2KDN LA5HE N0TB RJ3AA	WK3N	281 DF2PY JA2PJC K1CP S59Z W4TO	I2AOX IK4CIE K2UO K4IQJ KF2O SP6AEG UW2ZM	K8PT RA3XDX W1MK	K5KC N6SS NO8D SP1S UX0FF
293 IK1GPG JH4UYB S58T SM3NRY	287 DL1RWN G3XTT N2QT RK4FD UR5WA VA3DX W4PK	280 EA6NB KG4W N9IW RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU MD0CCE W6UB	267 G4OBK LU8DPM RW0LT RZ3DX SP5DIR W1GL	260 I1FQH K1LT K4DY UT9FJ
292 G4BWP IZ0AEG OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	286 DJ2YA K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 F6AOJ IK4DRY JR7VHZ N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG RA3DA SM6CCO UA3DPM	266 K1QX NR1R R3LA W8TE W8XD	259 DF4PL G3ZSS IV3ODE K8FL R9FM
291 9A7V I5NPH KD9SV R7NW SM6CMU SP3E UA3LAR UT7UJ	285 G4CCZ K5XI	278 DK0EE F6BEE HB9AMO JA3FYC K5DU RU3FM SP9DWT	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP YO5BRZ	258 KW9A N2NL N8TR RN3CT VE3QAA
290 UA3AKO UT1UY	284 IK6DLK NJ6P SP3DV UX1AA	277 AA4MM DJ9VA DK5WL IK5BAF K1ZZ OH3BU ON7TK	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	264 IK2YCW IK5HHA K7ZV N3NT R5AJ	257 AA1QD JH1GZE K1GUN K9NW N4II W9YSX
289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX US5WE	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 F6GCP G3LZQ N8RR OK1AWZ VE2Tzt	270 AA1V KD5M LA3MHA OE5KE SV8BHN	263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP	256 9A5CY JA5BZL K5VRX KY7M ON4AOI SV8GFW W1TSP W3DF
288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY W0JX	282 DL1YD HB9BIN I0WDX K8KS K9CT N2LT SM6CTQ UY5ZZ W0BV W2YC	275 9A1CCY F5NBU	269 K6ND W1ZC	262 G0DQS KR9U N5KD W1YY	255 K4QL N2MF VK4MA W3KX W5OZI
			268 DL5DSM G3WPH	261 9A4T DL9YX K2EK	254 I1EIS

N0AT	247	OK1CF	237	K2AZ	226
OM3DX	K0IEA		DL7MAE	K4XL	9A8A
WA4FFW	K6XT	241	IW1ARB	NI6T	DL5WW
	NN4X	JA0DAI	OM4EX	UA3AP	JA6BZI
253	NO2R	JA1SYY	WA7NB		JF2KOZ
5B4AGN	OE2LCM	JA3EMU		231	JR6EZE
IV3YYK	R7IA	K5ZK	236	4X4NJ	K9FD*
JQ3DUE	WA7NS	KA9CFD	AB4I	HA9RE	ON4GG
K5ESW	WB3AVN	N4XM	K1JO	N6AR	SP3CGK
R5DT	YO9HP	N5TY*	K5EK	N7NG	US0SY
S58Q		N7RT	K9NR	ON4ACG	UT5JAJ
UA1OMS	246	OK1DWJ	K9ZO	W9IXX	VE6WZ
W0YG	DJ2TI	SP5GRM	KC7V		W0VTT
	F2JD	UA3TT	OK2ZI	230	
252	IK0MHR	VE1YX	OZ4O	JA1CMD	225
EA1DR	JF8QNF	VE3NH	SP8AJK	JA2NDQ	A45XR
JA2VPO	N6TR			KD0Q	IZ8FWN
JF2MBF	TF4M	240	235	N8JV	JH7PFD
JG3QZN	UR5EDX	EA6ET	CX6VM	SM3NXS	K1MM
JR3IIR	W2TQC	JA5MHD	EA6VQ	W4GF	K5AB
PA4VHF	W5XZ	JR3GWZ	JA0FSB	W4VQ	K9FD/KH6*
S52F		K0JUH	JH4ADV		N4CH
W3UM	245	K0KT	K3SWZ	229	RA3QK
	DL4CF	K1DG	N6DX	CT1FJK	RV1CC
251	JA1GV	K1FZ	R7DX	DJ4AX	RW3XZ
DJ7RD	JA7QVI	K1ZG	VE3XN	JA8FKO	SP8NR
DL9RT	N9US	K9OT		JI1BEX	VA5DX
JH0BBE	RL9F	LA2XPA	234	OE5NNN	W7KW
PY2RO	RY7G	UR5MID	IK6FWJ	RO7T	
W5UN	W9XY	VO1NA	JG1ULJ		224
W7LR			K1AR	228	KV7K
250	244	239	K4UTE	AF9H	MM0EAX
AB3CV	AG9S	AJ6T	KF0QR	AI0O	N0AV
HB9RG	DK6WL	IK0YUT	PY1BVY	E72A	N8BM*
IK0XBX	F6BLP	K1HTV	S51DI	K4HB	SP5INQ
NQ1K	IZ8FFA	KH6AT	W7AO	N2WK	SP7GAQ
OZ8BZ	JA1HGY	LY3UM		OH2BEN	VK6VZ
SV8CKM	ON4IQ	NV9L	233	VE3DZ	W2RQ
	SV1RK	RN3QN	DF6PB	WB6RSE	
249	243	RU3QR	DJ5FI		223
AI9L	DK2JX	SV1ELF	JH1HGC	227	AB0X
K9RX	DK3DG	UW5ZM	K0CS	DL7HU	DJ8NK
SP5DRH	JA0CRI	W3LL	K2UU	ES1RA	HA7TM
	ON4ATW		KA7T	I3BUI	JA2WYN
248	S57A	238	SK3PY	IK0HBN	JH2TPI
K2FF	W9RPM	AC4G	UA4HAU	JA1UQP	N1LN
K3WW	WX4G	DL8WN	VA2WA	JA9CHI	RT6T
K5RX		IK0XEZ	W1TC	K1FK	SV2JAO
SM3VAC	242	IZ1LBG		K3NW	UR5FEO
T77C	EA4KD	NI0G	232	N6JV	ZS4TX
W9NGA	G8VR	RA0FF	EA1N	W9BF	
	KG7H	VO1HP	FK8CP		222
			JA8EAT		IV3JVJ

K3SV	K5EJ	RU4SO	208	K4XO	CU2DX
K4MWB	K5UO	W0LYI	G3NSM	K9US	DL1EJA
K6EID	UT4MF	W1FJ	I4LCK	KK4SI	JF1PUW
K8FH	W5PJR	W2WG	K2FU	LX2A	JO7WXN
K8ZTT	217	W3YY	LA7HJA	N4NX	K1GG
N4PQX	DM5EE	WS9V	N5ORT	N4QS	K3HP
N5AW	JH1IFS	212	RU3ZX	N7FU	W0MHK
N5JR	K5PC	AA9A	RX3APM	SM2OAN	W2IRT
N8PR	ON6YH	DL9GFB	UN5J	UA0SR	W5TCX
N9BX	UA3AGW	K4MQG	UY1HY	US6EX	200
SM0CCM		K8ZH	W6PJ	W2HUV	G0OIL
221	216	KE9I	W9EWZ	WD8PKF	IK0FVC
IZ8VYU	F6DAY	KG6I	207	WF4U	JA1GTF
JJ3PRT	JA9PPC	N1ZZ	K1DT	WI8A	JH2RMU
K8SIX	K3JGJ	N4MM	K1LPS	203	K1GE
LA7GIA	LA4GHA	NX0I	K3JT	AA5AM	LA5YJ
LB8DC	N5UL	SM5CZQ	K8EUR	JA2XYO	RW4NN
N6VR	OE1ZL	W1ECT	N9AU*	JE1PNX	RW7M
VE3LYC	RA1QD	WA5VGI	PY2BW	K9MMS	UY0ZG
W1ZK	RZ0AF	WB9CIF	PY2XB	KK2I	W0DD
W6JRY	W0GJ	211	W0LS	NK1K	W3GG
WS6X	W6XA	EA1RT	206	OH1TV	199
220	YO7LCB	IK4DRR	IK0IOL	PA0A	G0BNR
AG8B	YU3AA	JA4DEN	JA3PIS	R6AF	JA2DPC
DK2NG	YV1DIG	K3WA	K2VV	W7DO	K6GXO
HB9LCW	215	RU3SD	K3LR	W8GC	KB8VAO
HL5IVL	JH0INP	210	K5AQ	WA2HZO	N4DW
JF3KON	N7JW	I8SAT	K5MC	202	W1TO
JR4OZR	W0UO	JA7MSQ	K8AC	DK2LO	YO2DFA
KA1R	W2LK	JJ2LPV	N8DJX	DL1MGB	198
OZ1AXG	W6YI	RV0AR	SM6BZV	DL2KQ	DL1ROJ
VE3EXY	214	UW7LL	US0KW	DL9DRA	G3UJE
219	DL7BA	W7JW	VE3BW	HB9DDO	G4BUE
IK3VUU	HL3IUA	209	205	JA2JNA	I5KKW
JA2FBY	JA2IVK	DL5CF	F6EXV	JA3CSZ	IT9JNR
JA2FJP	JA2JW	DL9MRF	I4KDJ	JA5AQC	JA4PXC
OE8RT	K4NA	EU1KY	JA3AAW	JH3VNC	W8HB
RA3WDK	LA7JO	HB9CXZ	K9YY	JJ2KXK	197
SP4K	OK1DX	HB9DDZ	KA9FOX	K2NV	G3SNN
UT7UV	RN7G	JA0UUA	W8UN	LY1G	JA0EOK
WA2UUK	W4NL	JA9FPI	WB8ZRL	N5ZM	JE1BMJ
218	WP4U	JF4VZT	204	N7KA	JH1QAX
AD5A	213	K5RT	9A2NA	OK1DOT	JH2UVL
DJ4PI	DF2IS	KG9N	DJ5AV	R9TO	K8NVR
DK0PM	EI3IO	N9LB	EA5KA	RA3S	LA7AFA
IK1YDB	HA1RW	VE1DX	F4BKV	W1NT	OE4PWW
JA6LCJ	JF6DSZ	W0ZR	IK7NXM	ZL3IX	OE5FIN
JA8CDT	K1ST	W7KNT	JA9NFO	201	ON4CD
K0EU	NA2M*	W9OO	K4JJW	AG4W	RZ6FA

UA0SC	N5LZ	EA8PP	184	LA9AJA	JA0DET
UT5EL	N9EN	FM5CD	HA5WA	N1RR	JA5IU
W0FS	PA0LOU	K4CN	IW0SAF	N4AH	JA6BJV
W4UM	RN1ON	SM0NJO	JF1NZW	ON5FP	JA8KSF
XE2X	UA0CA	SP7HOV	K4HGX	W2OR	K8MN
	W9MU	UA7T	K5KLA	W7BEM	N5OK
196	WA2VYA	WA3C	KB4ET	W8TN	RL3FA
4Z4DX	WE9R		N9RC		SM5FUG
AA4HP		188	S57AC	179	SP1MGM
IK4PLW	192	AB4IQ	US8UA	IT9ELD	W4BP
JA3RAR	JA7JWF	JA1KQX	UT2UB	JA9NLE	W4GD
K8PO	JH1RFR	JA8DNV	W2YJ	K0TT	YO7NE
KP2A	K3FN	KB0EO		K8WK	
ND0N	K4FJ	KE9ET	183	N2PK	175
RA9CMO	K5XX	KL0S	CT1FPQ	OK1MG	JA1CHN
RZ4FO	K7GM	N8LJ	HK3W	S57UN	JG0CQK
SM7GIB	K9EU	RM0F	IT9INO	SM4DDE	JH2QMT
W2FCR	KF7PG	W1YM	K8RRT	SV3FUP	JS3CTQ
	LA0FA	W6SR	K8VC	W8KEN	K4DLI
195	N4DB	W8JV	N9MB		LA5LJA
EA3JL	NE1B	WA6YEE	NN2L	178	N7IR
EA5RM	W3UA		ON6SAS	4Z5CX	PE1L
G3ZEM	W3YQ	187	W2FP	EA3CJ	TF3SG
JA1EOD	W8LGJ	AJ1H	W8NW	JA4MRL	VE3FF
JA1XEC		K0SR		JL1SAM	W8HC
JN7FAH	191	K6SRZ	182	K2UR	WA9PIE
K3PA	CT3MD	KN5O	DJ9ON	N7XR	WX0V
K7SO	JA1ANR	N2NS	DK3UA	NE0U	
K9RT	K0BBC	OK1CZ	JA1SHE	SM7DLK	174
KF8UN	K0JGH	SP3FAR	JA3ENN	SV1JG	JA0GJJ
N1SV	K8FC	W7AWA	JR7BDQ	W6NWS	JA1PPW
W4FC	K9LA		N3OC	W7MEM	JA2XW
W5ZG	RK2FWA	186	UR3EO	ZS1LS	JA7MOL
W9OP		IK2QPR			JF7DZA
WN6W	190	JA2LCP	181	177	JK1OPL
	IZ8XQC	JA2ZL	DK3WW	9H1SP	JR6PGB
194	JA0VSH	K0BJ	JA2BDR	AE5E	K1KI
K4KDX	JA1DUH	K7LAY	JA9TWN	CT1GFK	K2KA
K9JF	JA1MCU	YL2TW	JN4MMO	K3WC	K3AJ
KB9LIE	K2TE		K2EP	K4RG	K4TR
OH2IS	K9KU	185	LZ2ZG	K5GKC	K4WS
W2LO	KB1EFS	AB6QM	VE3OSZ	K9NU	N1EN
WD8JJA	KM1D	CT1EAV	W1RM	OK1DWC	OE1WHC
	N4XU	EA6BF		PY5EW	RN7F
193	N5GH	G3KWK	180	SM6DHU	UA3LNM
CT1IUA	SP2LNW	IK3SWB	4Z5MU	W5LT	W8UV
DF2GH	VE7VV	K5ZD	DM2DXA	W7FI	W8VVG
DK1FW	W9AJ	LA3WAA	DM3VL	WB7B	WT8C
DL5ZB		N4TJ	EA8JF		
DL6ZXG	189	N5UR	IK4ADE	176	173
EA3WD	9A2F	OE2BZL	JE2URF	EU1AB	5B4ALJ
HA5BSW	AA1ON	SV1DPI	K6SSS	G0BLB	I1JQJ
K4ODL	CT1FMX	UA9CBO	K7BG	I6FLD	JE2LPC

JE3ENP	169	WA4LOX	DJ9HX	JE2OVG	AC6DD
K1NTR	JA1ADT	WB0TEV	JE2LUN	JF2XGF	DL4MM
K4XR	JR1IZM	WC5N	JH4CPC	JR7MAZ	EA5BY
K9YC	K1LI		K7NN	K3MSB	G3TQZ
KA1J	N4XX	166	K8TL	K3RA	HB0CC
N5FG	N7US	4Z1UF	OK2QA	NR4M	JA1GHH
RC9F	RN3OG	DJ4SO	RW3RN	RU6L	JH7IAJ
UN9L	UT8MM	IV3TDM	UR4CWQ	UA0FZ	LY5A
VE6WQ	UY5AA	JA1FNA	VE3CFK	UX5UO	N5MOA
W3IP	W6RW	JA9LJS	W7AL	W1BR	NE9Z
	W7YAQ	K1KA		W5XC	RU4UR
172	WB3JFS	K3KY	162	W9RN	SM3PHM
EA7TV		K4JLD	4O3A	WX0B	SV8ZS
G3NKC	168	K4PB	9A4W		W2TA
HB9FMN	G3MXJ	K4WA	F3AT	159	W5GZ
IZ5MOQ	HB9TKS	K4ZYU	HB9BUN	DL6MRS	WS7L
JA3FGJ	I2ZGC	NY0V	IZ4DPV	JA4FKX	YV2IF
JG3IWL	IK2EGL	RM3DA	JA6GIJ	JA9APS	
K0DEQ	JA6VQA	W0DJC	JH4ALY	JH6QFJ	156
K1BD	JE7JDL	W1RR	JR5JAQ	JL1RUC	AB9V
K6FG	JF2UPM	W8ILC	LB6KC	K4RO	FM5BH
KJ0M	K4XD	WA8TXT	N8MR	OK2ZV	IZ8IEV
W3JX	K5QY		VE7SL	UN7JX	JE3GRQ
W4FQT	K8RYU	165	W0HT	W3HKK	JO7HAM
WC4X	KR4F	DL7UCX	W0TT	W6BJH	K0QC
	N4QQ	F6HDH	W1LW	W7SX	K8YSE
171	N8BJQ	IK0AGU	W2XL	WD5BJT	KS1J
AA9D	PA7F	JE7RJS	W8WEJ		N3RC
DL6KR	SP5GH	JH7CFX		158	N3UA
G0EHO	SP6EQZ	K5JZ	161	AA6AA	N7WS
HA9PP	SV2AEL	KK4CB	DK2GZ	CT1FCX	UA3SAQ
JA6HUG	W4SVO	N4HB	DL6RAI	DJ4PT	VA3LX
JR1TNE	W6VX	N9FN	HB9DHK	DL1FKA	W1YIF
K1NU	W8OI	SM4CTT	IK0FUX	G4GIR	W4TV
KI5BLU	WA0MHJ	W5BN	JA1DOF	JH1TWT	
N0RN	WA5YNB		K1USA	J11FXS	155
N4OGW		164	K5GO	J11NJC	DL1RK
N7RO	167	GU4YOX	K8ND	JR1GJP	DL4SZB
RA3DNC	DK5AD	HA7UW	LB2TB	JR3OEH	K2LS
SV1LK	EC3A	HB9BZA	N4GN	K1CA	N2ZN
WA3AFS	EI6FR	JA1RTX	OE5RLM	K5TT	NE0DX
	IT9DSZ	JA7ZP	OH6RA	K9GA	NW7E
170	K6KO	JH2SON	VK3HJ	KQ4AV	SM6VR
DJ6TK	K8NK	K1NJ	YU2TW	OZ1HX	W2XI
IK0PEA	K9MBQ	N5WA		RU6M	WE1P
JA6JPS	N0IJ	RA3ZH	160	SM4EMO	WS5W
JF1WPB	N3BNA	W4DKS	AD5Q	W0SZ	ZS6EZ
JM1GYQ	OH2BLD	W4NS*	DK1WB	W1OX	
K6ZZ	PA3C	WP4G	DL1DA	W3GQ	154
N4PY	RA1AOB	WW3S	EA3GP	W4QN	3V8SF
SP3GTS	RN9N		IW2FND		GM3PPE
SV3KH	S51EC	163	JA2EPW	157	IZ3ENH
W9EVI	W1YW	9A2JK	JE2DZC	AA4H	JA8NFV

K0KVR	EI9JF	K4YYL	W1ZT	WD5T	NJ3K
KR2Q	F3SG	K7HP		YO3CD	SV3FUO
NX8Y	HB9SLO	K8ME	145		W2CG
SV1CNS	JA6BEE	R8TX	AF4HX	143	W3BW
W1NA	JH1NYM	SM6CUK	HI3T	DL6EN	W4JVN
W5DNT	JR1XIS	UW7UA	IT9ZZO	HB9RYZ	W4VIC
YS1RR	K2AX	W0GG	JE6TSP	IK8GYS	W4WT
	K2FW	W7HPW	JH4HMG	IT9BLB	W8GNM
153	K8ROX	WB8B	JH7RXU	K7CMZ	W8HW
AJ9C	N5JB	WD5K	JJ3HGJ	K7CW	ZS1C
CU2AP	OK1ATP	YO3DDZ	JK1AJX	N2RJ	
DF2RG	RD3A		K3VAT	N5UW	140
DL1DUO	RU3A	148	K4OY	N6PAT	9A1CAL
DL3ZA	S54A	DK2CC	K8BL	NN4R	JA4OK
G3TJW	SP7AWG	F5CQ	KF6HI	W0IZ	K5WK
HL2CFY	SV9AHZ	F5LVL	KR0P	W6QUV	K6KLY
JF1IRW	W7CT	F5PAC	N1CGP	WB8CQV	KF8DX
JR9OPJ	W7RH	G4FTC	N4GG	WB8ZRV	N4XP
K7SP	WA1Z	JA9RRH	N6PSE	WD9DZV	OH6NIO
K8VFF	WA2BCK	JH1QDB	N8OC		ON7DR
KD0PO		N2WB	OE6VIE	142	UN1L
LZ1PM	150	N5XZ	RT0F	AB9M	VE6SV
N4TV	EA1AF	NE3F	SM3DTR	I5HOR	W0SEI
N5TW	IV3RAV	W5FKX	W5ADD	JA2ATE	W4NU
N8II	JA1SVP			JH0BQX	W7IV
R9OK	JA2NQG	147	144	JR2LJO	W8LWU
SM6CLU	JL1UXH	AA8CH	CU3EQ	JR7WFC	WO2T
SP5CCC	K0RS	IV3VBM	DL5CW	K3PP	YL2MU
UT5UY	K1OA	JA1XQC	DL5KUA	K4WZ	YO9FNP
WB8BPU	K5TR	JN1BMX	E70T	K6EME	
	K5VWW	K8UT	EI6IZ	KK1W	139
152	K7LV	KM1H	GM3ITN	KM3T	DF7EE
EW2A	K8AJS	N1IBM	HB9BYQ	MM0SAJ	DJ4XA
JA2VQF	KU4XO	NA5C	HS0ZEE	N7QT	DL5EBE
JT1CO	LA6OP	PC3T	I5MXX	NA4D	DL8OH
K9MK	N3QE	W1OP	IT9GSF	NQ7R	DS1JFY
KS3F	N9CO	W2KKZ	IV3DXW	NY2NY	HB9CQK
N9OY	OE8SPW		IZ4GWE	OK1DO	JA1TMG
S55ZZ	ON6AA	146	JA3GN	W2OO	K2RET
UA6IGI	SQ5EBM	EU4A	JE1FQV	W5LUA	K3ANS
UN7LZ	UA6YW	JA1HQG	K0VSH	W5VQ	K6AM
UT5AB	W2/CT1GIF	JA4DHN	KJ9C	WA5POK	K8GI
VE6LB	W6DAO	JA5XAE	LA9GX		K8RF
W1SKU	WW2DX	JH1GNU	LA9VFA	141	KA8SYV
W1VT		K5KV	N1IX	AC9S	KU0A
W6RLL	149	K5SM	N2WM	DL5MHQ	LA8WG
W7AJ	DL7CX	K6NR	N3KK	EW1BA	OK1MP*
W9JJB	HB9HFN	K7WP	SM4OLL	HB9FMT	SM5CBM
WB3CQM	I0JBL	LB5WB	SM5CLE	JA1PTJ	SV8ZC
	IK4FNF	N7BT	W4GE	JH1HHC	W0SD
151	IZ0RVI	OH1JP	W7ZI	JH4JNG	WA8WV
AA7G	JL1ARF	RU0SN	W8RLS	J11DCW	
DK2OY	K3TN	W1IZL	WC5M	K2RW	

138 DK8MCT DK8YY EI9FBB F6DDR IK8EPC JA3OOK JF3LOP K1RO KJ6P NA5DX OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV W7OM	135 5B4MF AG1A BA4RF DJ9ZB F6FXU IZ7EVZ JA2KVD JA7LMZ JA8BNP JA8JL K1ZE K4TT K4ZRJ K7FL K7XB NZ9R R3VA R7LP RN3RQ SM3LGO SM5CZK SP3XR SV5DKL UB3A W1DIG W1EQ W2GD W4BUW W4MBD W4RFZ W6DR W6JTI WE4S	SM0BYD UA0ACG W4JKC YU1AM 133 9K2NO EU1U G4XEE IK5DNF IZ8DFO JA6CBG JA7GLB JA9AGN JR6FC JR7FRW K2CDJ KS4YT KU2A OE1KM RA5BM RV4LC UQ2PZ VE3WT W0NFL W2QO W5AJ 132 AA4NC AD6W G3UHU IK3VBB IT9RDG K6YUI K9ZM N6HY OZ2RH SM4BZH SM6BGG SP6M VE3CRG W4AXL W4RBO W4WM W5SL W7AH W7CD W9FR WB3D XE2S	131 DK7YY DL9FCY HS1NGR IV3KFB JA0AOO JA2TBS JH4ADK JJ1TEA JM1FHL K1UU K6SIK K9DR KC2LSD KH2L KM3V KM4H N3MK N4QWZ N5PHT* N6RK ON4ON PY5EG R0SR R9MJ R9SA W8DCH W8KA ZS1A 130 DF9ZW E73M EI2JD G7VJR HK0HEU IK3XJP JA2FBC JG1DUZ JI4POR K2MYR K3NK K7LFY K8BCK K9GL KO8SCA NA4EA NO9E OZ2ABI R5QA R9AB RU1AO S51NM	TA1CM VE3DO W2MPK W9ZT 129 HB9AZZ JA1NWD JA8JO JK1EXO K6XM K8DV LB7ZG N0YY N2BJ N3KS N3RR PA3EWP W0YVA W7QHE W8MET W8MK 128 AA4SC DM2RM IK2SGB JA1XCZ JA2AHH JA2KSP JA5FDJ JA9AA JE1LFX JH4GJR K0FF K3XA K4JAF K4SE K6LPO KG7CW KM4NS N5KM N9RD OE3SGU OZ1IKY R9SG S53X S55DX SV3DCX US8UW VQ9LA W2WC W4IS	W6RKC WB0O ZS6UT 127 AC9EM CT3KN HK1MW JA1DDH JA1WLO JA8RJE JA9KRO JH3AIU JN1RQV JS2LHI K0RW K3TRM N1AC N1GC OE8HIK SK7AX SP6A SP7ASZ W0CP W0RT W1OPD W3BG W3FOX W3MF W8LMG XE1KK 126 DJ8WD F8BPN G4IUF JA7KY JH3CUL JJ1DWT K2ZD K4JKB K4XU N8NA OK3CQD PA5TT VE3CX VE7BV W8REW W9ILY WB2REM WD4LBR YU1EXY
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125	123	RD4A	IZ0LKV	K8KWT	IT9DAA
9A1AD	AC4TO	SP9WZS	IZ5NFD	N0KV	JA1HQT
GW3TMP	DL7JRD	UU4JMG	JA4EPE	N4DJ	JA4FM
HK4SAN	F4GTB	VE6AX	JR3UIC	N9UA	JA7GYP
IW0HEX	G4WFQ	VK4CAG	JR6LLN	NT2A	JA7IC
JA4IYL	G5LP	W2TB	K2BA	NY7T	JM3GXU
JA6VU	HB0WR	WA3I	K2HK	OH5NG	JR2UBS
JE1TSD	IK2CHZ	WA7BNG	K3QIA	OK1DT	K2BB
JE6UWU	JA0CRG		K9SG	R6FFB	K6PJ
JF2WXS	JA1SJV	121	KA8ZPE	SV1ACK	K8OOK
JH1AGU	JA3MHA	AA6RR	N4BAF	W4HZ	K8QM
JI4WAO	JA6WJL	DF1DB	N4LR	W8FIB	K9FN
K1HAP	JR1EBE	DK1EI	N4TB	WC2K	N2JJ
K5KG	K2PK	DK6CQ	N4UFP	XE1RCS	N4IR
K9GWH	K3XO	EI2GLB	OE3EVA		N8AA
KA6BIM	K4ZIN	HB9DHG	OZ2A	118	N8XI
KI4WCQ	K5GH	IT9AAI	PZ5RA	5T5PA	NY4G
LZ1XL	K5JC	JA2HYD	RL3BZ	AB2E	ON5UE
N2KA	K6FW	K3NF	SP3PLD	DL5OCE	OZ5HP
N3EN	K7UT	KD8RQE	SP7ITB	JA4FHE	SM7BIC
N4JT	K9CS	KG9Z	SV1IW	J18DGO	SP8HKT
ND5S	KV4T	KV4AA	UR5IKN	JN7DOS	TZ4AM
NW6S	N2ED	N0OK	US0YA	K3WGR	UA6J
OE1AZS	N4DWK	N1JP	US1CT	K4CNW	UR9IDX
RA0BA	N6MZ	N3ND	VE3YF	K5XM	W3ICM
UU7JM	N9JV	N4TL	W0RX	K7PI	W4ZRZ
VE3UTT	N9LQ	N6HC	W2YR	K8LN	W6SL
W5DAW	NA2P	N8PW	W3OA	K8WVA	W8ZR
W9CG*	NA9RB	SV1AHX	W4PRO	KD6UO	W9HBH
W9DX	S50B	SV1FKZ	W6RFL	KG8CW	WA2USA
WV4TN*	UA3DK	UQ1GWW	W7RN	LZ2HM	
YO2RR	UR9QQ	UT4EO	WP3R	N2MM	116
	UT3QU	UU2JQ	ZL4AS	N5BO	AJ4F
124	W1AO	VA3AYA		N6MB	DL7URH
AA7XT	W4NF	W0QQ	119	PY2PA	EA5BRE
AB1OC	W8NJR	W2GG	AA3AZ	RN3TT	HA7PF
J11DHY	XE1H	W3RJW	AE3T	SV9COL	HB9CEX
K3FRK		W6XI	AJ4A	TA2RC	HB9EFK
KD2T	122	W9FI	DK3GG	W1KSZ	IK0EIE
KD4POJ	G3NDC	W9XX	DL9OBY	W4DAO	IK2OHG
KZ5DX	IU0LFQ	W9YE	EW4M	W4NJ	IK7YZG
NA2U	JA1MRM	WA1PMA	G4DJJ	W5JMW	IT9TQH
PA0TCA	K1BZ	WY1G	HB9AAQ	W5VY	IV3HYD
UA0BA	K1ESE	XE1VIC	HB9BCI	WX3P	JA1WTI
VA7CRZ	K1YT		I2TZK	YO4AUL	JE2EHP
VE1DUN	K2MP	120	I4MKN		JH3GCN
W2JU	K7ZA	9A5F	IK0ZIO	117	K1DC
W2RIJ	LA7WCA	AA4DD	JA3AZD	9K2OD	K1RI
W3FM	LA8PT	AA5JF	JA4XGC	9Y4VU	K6RO
W6CYX	N3NR	AL7TC	JE2JMV	AE0P	KT1V
WB8K	N9AW	DL2VWR	JH6CDI	BH4IGO	KV1J
WT4Q	NN7X	FG5FR	K5UZ	DL1DWT	NA9Q
	OZ3Y	HB9BLQ	K7EG	G3PLP	OH8LXT

OZ1LCG	EI8IU	N6PE	KM1C	UR6QA	UA3O
PA0JSE	F6CWA	N7KO	LA8HGA	VE6KC	US7MM
RV3ID	G3SDL	N9ISN	N5ZC	VE7CT	W0UY
UA4PCM	HP3TA	NA3F	N6MA	VE7UF	W3XY
W1ENE	I5OYY	NG0G	N9HF	W0VHF	W4DC
W1WEF	JA1OVD	NI5F	RU4SU	W1FO	W4NE
W7GG	JA4BXL	NK5B	SM3DMP	W4HOG	W5ZPA
W7OEV	JA4KDT	NZ3M	UA1ACG	W4OX	WL7E
W8LRO	JH6WMJ	R7NA	UA1CEI	W5AQ	XE1FAS
WQ5L	K1RV	RA4UN	UT6UD	W7VS	YU7AU
	K2DC	RZ3AUL	VE7XF	W8MIL	ZL3NW
115	K2HAT	SM5ARL	W1HEO	W9RB	
C6AGU	K3MD	SP3EPG	W2CVW	WA2MUA	109
CU2CE	K3OSX	SV1JFV	W2SKI	WB4TDH	DF1KG
DL9GOA	K5CD	SV2AVP	W3UL	WB9EEE	EA3GHZ
G8BCG	K5RJ	UN7TW	W4VHF	YL3DQ	EU4T
G8DX	KB8U	VE3KI	W5VX	YO6HOY	F8EZE
HA5UK	KZ4V	W2GW	W6KK		G3SVD
HK3PJ	N1QY	W6BK	W6TC	110	IW0HQE
IZ0CKJ	N3MN	W8FAX	W8GEX	BA4MY	JA2CXF
IZ7JVR	N4IQ	W9VNE	W8HMK	DL1VDL	K2CJ
JA2KNW	NU8Z	WA2BOT	W9SE	EA5BYP	K2ONP
JA3NHL	UA3FT	WA4DOU	WA8OLN	F5BAR	K4RDU
JA5WIZ	W0VX	WB2HJV	ZP6CW	G3LNS	K4SAF
JG3LGD	W3MR	WB2UFF		G8AJM	K5FZ
JH1RFM	W4TUN	WS4C	111	HI8R	K5KA
K0GD	WA1FCN	ZL1BYZ	AA4U	I2BBJ	K5KPE
K0SD	WA4CEM		AF4OX	IK5RUN	K6MW
K4CMS	WA8MCD	112	CU3AN	IK8UHA	KA9UVY
K4GHS	WA9YYY	A92IO	DG7RO	IZ2EWR	KE1F
K4GK	WN9O	DJ1RL	DK2WH	J68HZ	N1BZ
K8YTO	WT9U	DK5RL	DK6ED	JA7EPO	N2WLG
LY4T	XE1RBV	DL5CL	DL1HRN	JE2UFF	N7TY
N0IRM	XE3ARV	EA1JO	EV1R	JH1VHU	N8NN
N4OA		EW1DO	F6ECI	K2BLA	ND4V
N8KOL	113	G3XGC	G4DBN	K3JRR	NN4RR
PA3AXU	9A1A	HB9CRV	HC1BI	K3PH	NU4I
RZ6MJ	DJ5DT	HB9G	HL3GOB	K4WW	NX7U
UA1ANA	DJ8ES	IK2ANI	JA1AUD	K6MI	PY5CC
UA1CGS	DJ9RR	IU8FRE	JA1FGB	K6VKO	RW4UU
UA6XT	DL8CM	IZ4DIW	JA1NCZ	KB4MRX	RW9QA
UN6T	DL8DYL	JA1SXR	JE8TGI	KC2STA	RX3AGD
W4UCK	DL9GTB	JA7BXS	K0FLY	N2CG	TG9NX
YL2CZ	G4AFJ	JF2WGN	K5WAF	N3HBX	UB5ZAL
	JA0GCI	JR7TEQ	K7ORK	N3IQ	UT7KF
114	JA4ITW	K0JPL	K9AJ	N3JB	VU2CPL
AB4GE	JH1ORA	K1EDG	KM1R	N4KE	W5WP
BA4DW	K0TPP	K1EO	KP4AA	NC6K	WB5TUF
BA7IO	K8SL	K1KO	KZ0X	NK7C	WN0L
CT3FN	KA4RRU	K4UAS	LA0CX	NY4I	YV3AGT
CU3AK	KH6DX	K8CC	N4WJ	RD9M	
DL6NB	KI0G	KB2FCV	N7BD	SM5BHW	108
DL6UAA	KT1J	KI4DLS	NA1DX	SV1VS	AI2Q

AL7R	107	WA0RVK	UU5WW	ND3L	K3FM
DL6CNG	4Z5LA	WB6CJT	V73AZ	ON7PQ	K4KEW
ER1LW	DK3FB	WB8ART	VQ9SS	OZ4AAL	K4MF
G3VAO	DL1QQ	WS1L	W1CWU	PF7M	K4VIG
HB9BAT	DL2CHN	XE2YWH	W2EQ	PJ2/K8ND	K5HK
HB9FAN	DL5XU	YL1XZ	W2LE	PY2DS	K6UM
IK0PRG	DO4DXA	ZL3RJ	W2NO	R6YY	K7TJR
IZ0BTV	EA5AT		W4IR	RA6AF	K9EA
JA2MOG	EA7QW	106	W5JAY	RD4WM	KA2BZS
JJ2PIK	FG8OJ	AA4FL	W5KI	SP5JXK	KH6KG/W5
JK1MZT	G4AKY	AE2U	W8OP	UA6LCN	KI0KB
K1EP	G4RGK	DJ6OZ	WA4MYO	UR1RWX	KW0A
K1XM	I5IHE	DL2NOM	WA6TLA	UR2RGN	LZ2XF
K2KQ	IT9XTP	DL3JSW	YL2GN	VE1PZ	N3ER
K2MK	JA4EVN	DL6JZ	YU3EF	VR2MY	N3TR
K4WY	JA5EY	EA1CP		VY2ZM	N4GU
K4YJ	JA6OXT	EA3CCN	105	W1LE	N4TTE
K6UT	JA8JTH	HA8DZ	DF2PI	W1LY	N6PF
K8OM	JH9DRL	IW3GJF	DF8AA	W1MRH	N6WM
KM8AM	JR1BAS	JA1VLK	DJ3XD	W4OWY	N8MZ
KN4JX	K0MD	JA2MNB	DJ6KH	W6FF	N9DR
KX2A	K1TZQ	JE6IGP	DL4ZAB	WQ5W	NJ9C
KZ1W	K3SW	JG3HBO	DL6XK	YU1NR	NN3Q
LU2DKT	K3YBN	JG5RVQ	DO1CTL		OH4UI
LZ3YY	K4MS	JH2KKW	ES1GO	104	PA0GMM
N2DPF	K8LBT	JH6PFY	G3YUV	9M2AX	RA1QX
N4MEC	K8ZR	JJ0NCC	HA8FW	AD1C	RU3UR
N6RFM	KB9DAK	JR0EQQ	JA1BWA	AG4Q	RZ6DX
N9SF	KE2R	K0DEW	JA1TAA	AH0U	RZ6LB
N9TF	N2RR	K1PX	JA6VA	CP8HD	SM5CCE
NU4Y	N3DAP	K4DSE	JA7BME	CX3CE	SM7CQY
PA0ZH	N4RF	K5AM	JA8RRF	DK3BK	SO5AS
R5FY	N6EE	K5ZQ	JA9APM	DL4FAP	UA9FGJ
R7LA	N8AGU	K8JJC	JF1RYU	DL7UPN	US5CAO
RA1OHX	N9PGG	KD9HL	JF2VAX	E73D	UT4EK
RX6DX	NA5Q	KK8X	JO4CFV	EA8ZS	UT7EC
S57J	NE1F	KK9H	K1DJ	EI9E	UX4UM
SM6AOU	OE1CP	KQ3F	K2XF	F6AJA	UY0MM
UX7UN	OK2BUZ	N0JZ	K5AV	F8GB	VE3VHB
UZ6LWZ	OK3CQR	N2CW	K6DJ	G3BRD	W0YBS
W2UB	R0FA	N2SQW	K7OX	HB9CIP	W1QA
W3NRJ	RN4AA	N3XM	K7PO	HK3O	W3DRY
W4ZYT	RV6ARZ	N8AID	K9RO	IK0DWN	W3TMZ
W7ACD	SP3BQD	NA5Z	KI5T	IZ4MJP	W5BK
W8IW	SP6AXW	NI5M	KT2E	JA1JAT	W5CWQ
WA2ALY	US5CB	NS3L	LZ1JZ	JA1SDV	W5GJ
WA8MOA	VE3OI	OE5CSP	N4JI	JA2FGL	W5ZO
WB8BZK	VK3NX	OH2OT	N4NW	JF1EGO	W6PH
WC1M	W3KB	OK1AYU	N4PL	JF6WTY	W7DR
WC6DX	W4MAY	OK2BVG	N4SC	JK1BSM	WA0I
WD9EQU	W6TDX	S57AL	N4VN	JO1WXO	WA9ETW
WW1WW	W8VK	UR3CRO	N6NU	K0WK	YC0LOW
ZS2DL	W9CPV	UT7UU	N7DR	K1BG	YO2CMI

YO5ODE	RA4HT	K7UA	CT1JGA	N2AJ	WV9L
103	RK3QY	K8BHZ	D44BC	N5AQ	YO2OXD
AG1I	RU3OW	KJ6NZ	DH2FW	N8AG	YO6BHN
AI3Q	SM3CBR	KN4KL	DK9WI	N9JCS	YV4DYJ
DJ1MM	SM6EHY	KW4BY	DL1KS	NX2X	ZS1J
DJ3GZ	SM7BHH	KY6R	DL3ANK	OA4TT	100
DJ7PI	UA3PFN	LA3ANA	DL5JS	OE3WQB	9M6YBG
DL2HX	US2WU	LA6UL	DM3ML	OH3TY	A41ZZ
DL8YRM	UT2AB	N5RZ	EA1WX	OK1PGF	AA4AK
DM5TI	VA2ZO	OH2EA	EU1TT	OK2BOB	AA4UC
DS3HWS	VA3IC	OK1DTN	G3ZFC	OK3EY	AB4VV
EA7SG	VE3EDY	OK1JDX	G4FJK	OK4MM	AC4VM
EU6MM	VE3MFA	OK3CSQ	GM3WTA	ON4LG	AI2S
EW3LB	VE3VV	PA7TWO	HB9NL	PA4WM	DJ6OI
G3BDQ	W0QC	PV8ABC	IK5ZUK	RA3AH	DK8MM
G3OIL	W0UVC	PY2DO	IV3GOW	RA4P	DL1TPY
G4AAW	W1CTN	R2AB	IV3KCB	RA4SD	DL1TRK
G4PUQ	W4AVY	R3IS	JA1VVX	RB7GG	DU7ET
G4VGO	W4MZ	RU3UN	JA2VMU	RK9F	EA2AAZ
I0OSI	W5THT	S59DJK	JA6TMU	RY6M	EA3ALD
JA2GQO	W5VU	SM6WET	JA7SFD	SM2DMU	EA8AXT
JA2OLJ	W6SZN	SP5MXZ	JE1PHH	SM7NDX	EC5A
JA3FHL	YO7APA	T77V	JF1RPZ	SP7JLH	EI3ISB
JA8EJO	102	UA1AIR	JH3HGH	SV1PL	ES5NC
JE1SYN	A6/RV6LNA	UA1CKC	JH3PRR	UA0FDX	FM5GU
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K4LQ	DL4CW	W0JMP	K3SEW	UT7HA	IK4MSV
K5JUC	DL4KUG	W1AW	K4NNX	VE2OJ	IS0/YO3RA
K7BTW	DL5RDI	W1PV	K5DNL	VE3ARF	IT9CVO
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K9XJ	EI6GF	W3EKT	K6XJ	W1FC	JA1CPU
KE1IU	ES5RW	W4ALF	K7AR	W1GF	JA1ILA
KJ4R	F6BWO	W4KK	K7IA	W2SF	JA4FSH
KJ7WY	FM5WD	W5TO	K8BN	W3WH	JA5DQH
KM9E	HB9AHL	W7IUV	K8YYY	W4BUE	JA9CGW
LX1DA	I8LWL	WA0IDK	K9JU	W4PM	JF3DRI
N0RU	IT9SFT	WA1S	K9PG	W5RF	JH7XPW
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N9BBQ	JA8OW	WS4Y	KD3UY	W7CB	K0LB
NU1T	K0YN	WW5G	KE1VT	W8GB	K0XM
OH3GD	K1PTF	YO2IS	KE4S	W9MAF	K1NA
OK1DQT	K2LP	101	KF7NN	W9ZCL	K1NZ
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OK3BRK	K3KG	AA3LX	KQ1F	WA3PTF	K2CYE
OZ7JZ	K4AQQ	AA4NU	KS4XQ	WB3HLH	K3TZV
R9GM	K4KAY	AC2AC	LA2GV	WC4H	K4FT
RA0FA	K5ZO	AC5O	LZ1XZ	WK9U	K4KGG
	K7BHM		N0STL	WR2G	

K4KSY	R3PJN
K4QS	R9JX
K4UQC	RA3SD
K7VIC	RA4LW
K8BZ	RA6XB
K8CR	RC2A
K8CS	RN1A
K8LE	RT5A
K9NZ	RU3GF
KB0EL	S53MJ
KB1HY	S59SV
KC0V	SM0CXU
KC4D	SV1FJP
KC5LT	SV1VJ
KD8BZY	SV2DSJ
KP4N	TI5CDA
KQ5M	UA3AKI
LA8W	UA4PAY
LU5OM	UA6CEY
LU5YF	UN6P
MM0SJH	UR4CW
N0AH	UR4LRG
N0ATQ	UR8IDX
N1GFV	VE1RGB
N1KI	VE3OAT
N1MD	VE7JKZ
N2SG	VP2VA
N2XQM	VR2PX
N3AF	W0GYH
N4CRI	W0MU
N4ZR	W1AN
N7DED	W1YRC
N7TK	W2CCC
N8IL	W3BBO
N8NB	W4HHN
N8OQ	W4OEP
N9ADG	W4OV
NA6O	W6WA
NB3R	W7DT
NG7A	W7JET
NJ3I	W8CNL
NN4SS	W8FN
OE5JDL	W8GDQ
OK1DXD	WB4SON
OK2PAZ	WB8TGY
ON4ANN	WU2M
ON7EH	YB1TJ
ON7GB	YL2SM
ON9CC	YO9FLD
OZ1ZD	ZP9MCE
PA0INA	
PA7RA	
PY7DJ	