

ARRL DXCC - 17 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 09 Jul 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.

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|---|--|--|--|--|
| 349 K4CIA SM3EVR | 345 4X4DK DF3GY DJ2BW* DJ6RX G3XTT G4BWP I4EAT* JA2KVD JA3FYC JE2URF K4XO N0AT N1DG OH2BU PA3FQA W3YX | W3UR WB6RSE | JJ2LPV JQ3DUE K1ST K8SIX K9NU K9QVB* N3XX N4KG* N8DX NN4T OK3GU R7LV SP7GAQ SP8NR UA4CC VE3EJ VE3XN W0DJC W3LPL | N5ZM OE8HIK OK1MP* SM5CEU SM5CZQ SM6CVX SP3EPK UA3AB UT5UGR W9IXX |
| 348 G3KMA JA1UQP JA2VPO JA4DND K2TQC K8MFO N4WW OH1XX OZ1LO SM3NRY SP5EWY W1JR W1NG W4DR | 344 AA1V DJ2YA EA8AK IK1GPG JA2FBY JA5AUC JA5EXW JH1GZE JH1RFR JH4UYB JR2KDN JR3IIR K3FN K4ZYU KF2O N2LT N4CC SM2GCQ SP8AJK UT7QF VA3DX VE1YX W0BV | 343 CT1EEB DJ9ZB F6DAY I4AVG I4LCK JA0UUA JA1BK JA1HGY JA2JPA JA8EAT JH1OCC K0IEA K3UA K6YRA N6JV NR1R PE5T PY2XB RU3FM SM5DJZ* SP2FAX UA4HBW W8UVZ YU1FW | 341 AA7A AD5A DF4PL DK5WL DL1AMQ DL7MAE EA4KD EA6SX I4MKN IK8HJC JA2JW JA4DLP JI8DGO JR2LJO K4QL K4UTE K5NA* KU0A LU2NI LZ2DF N0XA | 340 AA1ON AA1QD F6BKI HB9BIN IT9DAA JA1ANR JA1BOQ JA1EOD JA2DPC JA2XYO JA5IU JA7MSQ JE1SYN JG3QZN JH2FXK JI2KXK JR7VHZ JR9LKE K0EU K2TE K2VV K3KO* K3WC K5RK KD5M N4PQX N4XM NI0G NO8D OE3GCU |
| 347 K4PI K5UR SM5AQD SP9FKQ* W1YY W9ZR | | | | |
| 346 DF3CB HA0DU JH4IFF K4DY K4MQG N2TK N4CH N4MM N6AR OZ1BTE OZ3PZ SM0AJU SP5CJQ | | 342 AA6YQ AG9S DJ9HX DL4MCF F6AOJ G0JHC HA5WA IK5HHA IK6DLK JA0EOK JA1WPX JA4LKB | | |

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|------------|------------|------------|------------|------------|
| OE6IMD | W9RPM | G4OBK | JR3OEH | 334 |
| PY2SP | | HB9DDO | K0CA* | AB9V |
| R3OK | 338 | IZ5EKV | K1HT | AC4G |
| RA7A | AD1C | JA1SJV | K4CN | CT1BH |
| RZ3AM | EI7BA | JA1VLK | K4IQJ | EA3GP |
| SL0ZG | F6EXV | JH4ADV | K6AM | EA5BY |
| SM5KNV | GM3POI | JL1RUC | K7ZA | EA7TV |
| SM6CCO | HB9AMO | K1HTV | K9YY | FK8CP |
| SV1RK | I2XIP | K5KC | LA5IIA | HB0CC |
| W0MHK | IK4DRY | K8PT | N4AH | I5HOR |
| W2YC | IK5PWQ | K8ZTT | N4JJ* | JA1XCZ |
| W4DKS | JA1XEC | K9IR | SM6CMU | JA3GN |
| W4PK | JA3PIS | N3NT | SP6CIK | JA7IC |
| W5OZI | JA5MHD | N7RT | VE1DX | JA7JWF |
| WB9Z | JA5WIZ | N8DJX | VE3EXY | JJ3HGJ |
| WD5COV | JA8RJE | ON4CD | W1RM | JR1BLX |
| WI8A | JA9APS | OZ1CTK | W2LO | K1BD |
| | JE2LUN | PY5HOT | W5XX | K4HB |
| 339 | JF1KKV | R5AJ | | K9CT |
| DJ8NK | JF1WPB | R7DX | 335 | KE9L |
| DL5DSM | JF3KON | RA3CQ | AB4IQ | N5OK |
| DS5USH | JH8RZJ | S58T | AB6QM | OE1AZS |
| GM3YTS | JL1UXH | SP5DIR | EY8MM | OE2LCM |
| HB9BGV | JR1DUP | SP6M | HB9DHK | SM6DHF |
| IK4BHO | JR3GWZ | SP9DWT | I2EOW | UT7UJ |
| IV3JVJ | JS3CTQ | UA3AP | I4EWH | UX1UA |
| JA1ADN | K2FF | W1ECT | I5NPH | VE3LYC |
| JA2FJP | K2PLF* | W1GL | I6FLD | W1SKU |
| JA5AQC | K4HGX | W3NO | JA1GRM | W2IRT |
| JA5XAE | K4MWB | W4FC | JE8CLT | W3GH* |
| JA6BZI | K4XP | W5ZN | JS2LHI | W3LL |
| JA7KY | KF0QR | W7MO | K0DEQ | W6RLL |
| JA9TWN | KW9A | W8DCH | K3WA | WA5VGI |
| JH0INP | LA2PA | W9MU | K6TA* | WT8C |
| JH1TWT | N2BJ | W9OL | K6YUI | YV1DIG |
| JH7VHZ | N4DB | WD0DAN | K9EU | ZL3JT |
| JI1DHY | N4NX | WJ4T* | N5ORT | |
| JI4POR | N9IW | | N5TY* | 333 |
| K1OA | OH2BLD | 336 | NE1B | 5B4MF |
| K2RW | ON4AOI | CT1IUA | NI6T | AA5AU |
| K6FG | ON4IZ | EA1YO | NJ6P | AD6W |
| K7NN | SM3VAC | EA5BM | OZ1AXG | DK1FW |
| KV7K | SM6DHU | EU7A | PY2YP | IK8YTA |
| N5AW | UY5ZZ | G0OIL | PY5EG | JA0GJJ |
| N5UR | W5FKX | G3TXF | RM0F | JA1SYY |
| N8JV | W8GC | G4PWA | SP5IWA | JA2VQF |
| ON4IQ | WA1JMP | GM3GAV | SP7VC | JA9CWJ |
| PY2BW | WB4TDH | HB9BZA | SV1FJA | JE2EHP |
| PY4OY | WK3N | HL3IUA | W4UM | JR4OZR |
| R3VA | YU3AA | JA2BDR | W5BPT | K9MM |
| R4GM | | JA3EMU | W7OM | KA9CFD |
| SM4EMO | 337 | JA4FKX | W8OI | KE9ET |
| SP3E | CT1APE | JA8LRG | YB5QZ | N4JF |
| UA6A | DF2RG | JE1LFX | YO3APJ | N4QS |
| VE3FF | DK9KX | JF7XKY | YO7LCB | N5XZ |
| W1DIG | EA2IA | JJ3PRT | YO9HP | OH1LEU |
| W9OP | EA5RM | JQ6RUP | | PA5TT |

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|------------|------------|------------|------------|------------|
| SM3NXS | JA2VMU | W9RN | MD0CCE | IW1ARB |
| SM4DDE | JA3AZD | WA7NB | N4II | JA1IZZ |
| SP3CGK | JF1PUW | YS1RR | N7US | JA1WSK |
| SV1DPI | JH1IFS | | N9FN | JA8BNP |
| UR0MC | JH1NYM | 329 | NS6C | JA9GLW |
| UX0FF | JK1EXO | CT4NH | PY2XU | JE7JDL |
| VE2TZT | JM1HJG | HK3W | W4UW | JF1NZW |
| W5WT | JN3SAC | I2MQP* | W9ILY | JH1QAX |
| W6XA | K2UU | IK4GME | W9JA | JR6FC |
| W6XK | K3RA | JA0DIN | ZL4TT | K2UO |
| WB0TEV | K4EM | JA2IVK | | K4SO |
| | K5BG | JA7MYQ | 327 | K7WP |
| 332 | K5EK | JF1LZQ | A45XR | K9MBQ |
| AA4V* | KQ8M | JF2UPM | AA4R | K9ZO |
| DL2OE | LA7HJA | K8FL | AI9L | KB1JZU |
| DL4CF | LU3CQ | K8NVR | CT1GFK | KG4W |
| F5PAC | N8KOL | K8QM | DK5AD | LA7JO |
| G0BLB | N8RR | K9US | EW2A | LB8DC |
| IK2YCW | OE6MDF | LA7AFA | IK4ADE | N4TL |
| IK4DRR | SP1S | N5DG | IZ2AMW | N8PW |
| JA2CXF | UA6MF | NK1K | JA1SVP | RA0FF |
| JA4PXC | W6SR | NQ1K | JA2NDQ | RL3FA |
| JA8EJO | W7AL | NY0V | JA7BWT | RU3QR |
| JE1GWO | WA6F | OE3EVA | JA9GPG | SM6BZV |
| JG3LGD | WB9CIF | RW3RN | JH1SJN | SP1JRF |
| JH1HHC | | SP1MGM | JP1NWZ | VA5DX |
| JH3CUL | 330 | UT9FJ | K2SHZ | W5CIA |
| JH3VNC | AA8CH | W7AO | K6KLY | W8HW |
| JR2UBS | DK2JX | WA2VYA | K8AC | |
| K1AR | DL1KUR | WA8WV | K8YTO | 325 |
| K5DU | DL6KR | WX4G | KB0EO | 5B4AHJ |
| KX4R | F2JD | | KZ4V | BA4RF |
| N1NK | G3NDC | 328 | LA5HE | DJ4XA |
| N7RO | HB9RG | AA5AT | N1IBM | DJ9ON |
| N8TR | JA5BEN | AE5E | R0FA | EA1N |
| OE8RT | JA7LGE | DL1DUO | R9FM | F5CQ |
| PY5EW | JE1DXC | G3SVD | SP7ITB | HB9CEX |
| RV3LO | JH4GJR | I0WDX | UA3AGW | IZ1LBG |
| SV2DGH | JN1BMX | IZ8FWN | US5WE | JA0CRI |
| SV8CS | JN7FAH | JA1JAT | W1TSP | JA2JNA |
| UA3DPM | JO7WXN | JA2AH | W2LK | JA5BGA |
| W5TCX | JR1BAS | JA2ZL | W3KX | JH4JNG |
| YO5BRZ | JR7WFC | JA4EPE | W7DO | JM1FHL |
| | K0KX | JA4ITW | WT4Q | K0JUH |
| 331 | K5MC | JA6VQA | | K2LS |
| 9H1SP | K7ZV | JA9FAI | 326 | K7EG |
| DJ4AX | KM4H | JE2LPC | AB3CV | KI0KB |
| DL5WW | N8BM* | JH1AGU | AJ6T | LA3WAA |
| DL6CNG | N9AU* | JH3SIF | CT1DKS | NN4R |
| EA8AKN | NU8Z | K0GY | DJ5FI | OZ4O |
| F3SG | OE1WEU | K1LD | E73Y | R8TX |
| G0DQS | OE1ZL | K3PA | EA3GHZ | RN3QN |
| G4CCZ | PA3EWP | K4UEE* | G3LZQ | SM0CCM |
| HB9HFN | SV1CNS | K5AQ | G5LP | SP9JZU |
| HL2IFR | UA4LY | K6RO | GM0AXY | W2JU |
| IK2QPR | W0YG | K8OM | HA1RB | W4BP |
| IZ0AEG | W7CT | KC6AWX* | I3BUI | W5XC |

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|------------|------------|------------|------------|------------|
| 324 | AA4SC | N6TA | K8AJS | MM0EAX |
| AA8OY | DM5EE | N7IR | K8GI | N5GH |
| DL2CHN | IK5RUN | OH5VT | K9JF | N9RD |
| DL7BA | JA1FQI | SM5ARL | KG7H | OH8LXT |
| GM3PPE | JA1QXC | SM6CTQ | KK2I | PY2NQ |
| HA9PP | JA2WYN | SV3DCX | KN5O | R6AF |
| HB9TKS | JA4MRL | W3GQ | KS1J | SM5FUG |
| IK4MSV | JA6WJL | W3RJW | N0RB | UN6T |
| JA1IOA | JA8DNV | W8AV | N2LM | W2AY |
| JA7FWR | JE2DZC | WW3S | N4RWG | W4FQT |
| JA8BAR | JJ1TKN | ZS1LS | N8LJ | W8HC |
| JE6TSP | JR6LLN | 320 | OE5RLM | WA3C |
| JN1RQV | K0KVR | F9XL | PA3CSR | WN6W |
| K5XI | K6FW | HK4SAN | R9TO | XE2CQ |
| K6ND | K6PJ | IK2RPE | RA3QK | 316 |
| K8TL | K8VFF | IZ4MJP | W3ACO | 7K1PTT |
| LA5LJA | N7XR | JA1RTX | W6BJH | EV1R |
| LU8EKC | N9RS | JA2XCR | W7Yaq | HB9BOI |
| NN4SS | R7FK* | JL1XMN | W9AJ | JA6TMU |
| R5DT | R7NW | K1GG | WB8BPU | JM2RUV |
| SP2BMX | RW4NN | K3UL | YO2RR | JR8AMF |
| SV1JG | SM2OAN | K3WW | 318 | K0AZ |
| UR5EDX | SM5JE* | K9NW | DL1HRN | K8WK |
| UT2UB | SM6CUK | K9SM | DS1JFY | KA8ZPE |
| W5LT | SP3IBS | KD3CQ | F2NH | LA8HGA |
| WB9EEE | SP6HEQ | LA2QM | GM3YOR | LU4FPZ |
| WD9DZV | SP7HOV | N8SNM | HL2WA | N0KV |
| WE9R | VE7IG* | NT0V* | JA9IFF | N4PJ |
| 323 | W0VX | PY2KP | JK1TCV | N6MZ |
| DF2UU | W1YM | RX3AGD | K4MS | PY2IQ |
| EA6NB | W3OA | S55DX | K8BL | UY5AA |
| EI6FR | W5AJ | UR5WA | K8FH | VU2PTT |
| HB9DDZ | W6TC | VE3BW | KB8VAO | W5ODD |
| HB9SLO | WD4LBR | W4QN | KD0PO | W9YSX |
| IK0PEA | ZL1BYZ | WK7E | KJ6P | YO2CMI |
| IU7QBB | 321 | ZS6EZ | N5LZ | ZS2DL |
| IZ8FFA | AA5AM | 319 | VE3CFK | 315 |
| JA2FGL | AC0A | AF9H | W2LE | A65BR |
| JA7QVI | E72A | DL1TRK | W2NO | DL5EBE |
| JF8QNF | HA7TM | DM2DXA | 317 | DL9TJ |
| K4SE | IZ8EJB | F4BKV | 4Z4DX | EA6VQ |
| K4XD | JA1KQX | HL4CJG | DJ5JH | EI2GLB |
| K8EUR | JA1NWD | I5OYY | DL1SMA | EU1KY |
| K8GG | JA1VSL | JA1BPA | DL2VPO | G0EHO |
| KG8P | JA2ATE | JA2EPW | G4GIR | HL3GOB |
| N2NL | JA3XNH | JA7LMZ | I1EIS | HP2AT |
| ND0N | JH3GCN | JA9NLE | I5CRL | JA3EOP |
| UA0BA | JH7RXU | JF2XGF | IK4PLW | JL2JVX |
| UN7JX | K5ZK | JG3FEA | JA2XW | K2PK |
| W1LW | K9RX | JG3SKK | JA3RQ | K3XA |
| W2QO | KC7V | JH1BAM | JA8CJY | N2JJ |
| W6ENZ | KK0M | JK1GOK | JF2WGN | N6PSE |
| WA4FFW | KP2A | K0GW | JH1IAQ | NK4L |
| 322 | KT1J | K0KT | K1ZN | SP8HKT |
| AA4HP | LA8PT | K5WAF | K5VIP | SV1GYG |
| | LA9AJA | | | |

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|------------|------------|------------|------------|------------|
| UA9FAR | ZL2IFB | XE1KK | DK8MCT | JN7DOS |
| 314 | 312 | 310 | EA3GHQ | K0BJ |
| AD5Q | CU2DX | AA8LL | IZ8DFO | KF7PG |
| CU2AP | G0VXE | CU3EJ | JA3ENN | LB2TB |
| DL9FCY | IW1QN | DL6JZ | JA3VPA | VE1JBC |
| E72U | IZ5RVG | G8DX | JA4FM | W1KSZ |
| JA1LSP | JA9FPI | I4KDJ | JA5SUD | W3JX |
| JA2TBS | JE2OVG | IV3YYK | JE3ENP | W7LGG |
| JA8EOT | JE8TGI | IW0SAF | K0BBC | WA1PMA |
| JA9AA | JJ1DWT | IZ8VYU | K0TT | WA4JQS |
| JG1WSC | K0KG | JA0GCI | K4JAF | WA4LOX |
| JH1OBS | N4DW | JA2FBC | KM1D | |
| JH4ALY | N6RV | JA6BEE | N3RC | 305 |
| JR4LNG | ON6AA | JA7GAP | N5MOA | JA1SGU |
| K1LPS | PP1CZ | JA8ZO | N9AW | JA2FSM |
| K1RO | PY2VA | JH1RGG | OE1WHC | JH1ACA |
| K5UO | RA1QD | JJ1SKG | OH4UI | JH8GEU |
| K6UM | SK7AX | JR7FRW | SM0NJO | JR7GBL |
| K8CW | UN7TW | K2NV | UA3TT | K2AJY |
| N2TN | UT7UV | K7XB | W1YIF | K4WNW |
| N2WB | W1YRC | KN6KI | W5GAI | K7KB |
| PY7DJ | W2GG | N3VA | W5PF | KD4W |
| RA9CMO | W2OO | N9JV | W7CA | KF2DT |
| RK4FD | W6PJ | RU3DX | W8MHW | N9DED |
| SV9COL | W7HPW | SV1CQN | WA1S | NW7E |
| W4HG | W9HBH | VE3EK | WB2BIN | OZ1ACB |
| W4VIC | | W6YI | | PE1L |
| W5VY | 311 | W8OP | 307 | PY5IP |
| W7BEM | AA8R | WL7E | 4X6ZK | UW2ZM |
| WB5JID | CT3MD | XE1MEX | DL2SWN | W6RW |
| WF2S | DF2IS | | EA3WD | |
| YB1UUN | DL5CW | 309 | EI9FBB | 304 |
| | EA5KA | DL1DA | HB9CQK | 9A4W |
| 313 | EI9JF | IT9CVO | IZ8XQC | F5PBM |
| EA5AT | IK0XBX | IZ3ENH | K2UR | HB9IQB |
| EC3A | IW0HQE | JA2JRG | KA8SYV | IK8VRH |
| I1FQH | IZ0RVI | JA7XBG | KD0Q | JA9AGN |
| JA0DET | IZ3ETU | K1DT | OE2GEN | JH0NBN |
| JA0PE | JA1VRU | K1USA | R9SA | K4ZO |
| JA1KPH | JA1XPQ | K8ROX | RA4CA | LA3MHA |
| JG8FWH | JG0CQK | K8UT | SM5ENX | LA7GIA |
| JH1AJT* | JH0BQX | LA9VFA | SQ1X | N4QQ |
| K1KO | JH1BNC | LZ2JE | SV2AEL | OE5FIN |
| K6SIK | JH4CBM | SK3PY | W4OX | SA0AQT |
| K7UA | JO4CFV | UA6YW | W8LGJ | SM7CQY |
| K9MK | K5DHY | UN7LZ | WA9PIE | SV9AHZ |
| N7BT | K6IPM | VK3HJ | ZS2EZ | VE6LB |
| NA5C | KQ4AV | W0EWM* | | W5JAY |
| OE3SGU | N6OJ | W7ZJ | 306 | |
| SV1VS | N6UK | W8RLS | CT1DOF | 303 |
| VE6AX | RD3AW | WA3AFS | DS5ACV | AF4HX |
| W1EQ | RU1AB | | HB9BAT | CT3HF |
| W3BW | VU2NKS | 308 | HB9LCW | DK3WW |
| W8MET | W0LS | 9K2OD | IK5MDF | EA9IE |
| WA0MHJ | W4YCH | AA6AA | IZ8FDH | HB9DHG |
| WO7R | W8KEN | CT1FCX | JA1DDZ | IK4AUY |
| | | | JH3KAI | IK5PWN |

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|------------|------------|------------|------------|------------|
| IK8EPC | HB9JOE | JH1DQG | JA9NFO | W2GW |
| IW0HOU | JA1OVF | JH8NBJ | JR1MLU | W2OIB |
| JA4VLK | JA2VHO | JR1WCT | KE8UM | W4MAY |
| JE2VLG | JG1OGM | K6MKF | KG9Z | W6TMD |
| K1ESE | JH4HMG | KA1ERL | KL7TS | W7HR |
| K3PT | JL1BYZ | KF8UN | N1EN | W9ZCL |
| K4CMS | K0TPP | N2AJ | N5ZC | WA0RVK |
| N6HC | K8RRT | N9ISN | NU1B | WA5LFD |
| NA5Q | KR0P | OZ5NJ | PA0JSE | WA6JA |
| OZ1LCG | LA0FA | VE3CRG | SP6JIU | |
| RX4HZ | N7KA | W2/CT1GIF | W1KDA | 293 |
| SM5CLE | N8OC | W2FV | W5SL | DJ8NT |
| SM5CZK | NV9L | W7IU | W8IW | EA1KY |
| VE7TK | OZ1IKY | ZL4AS | WB8ART | GU0SUP |
| W4LSC* | PA7RA | | | IU0HDC |
| W7MEM | S57AT | 298 | 295 | JA0AOO |
| W7QDM | SV3AQR | 9A4T | DH2PC | JA5AFW |
| W8TN | W4UCK | AB5A | DL7UPN | JA8FFM |
| W9MJ | W5GO | JA5FDJ | EA8RR | JF1LMB |
| | W8AXI | JA6CBG | HL3DE | JF1RYU |
| 302 | | JA8UIV | IK0UTM | JK1UNZ |
| F5UJK | 300 | JH2PWY | IV3VBM | JR0EQQ |
| G3KMQ | AA9A | JH3FUK | JA0KJE | K2FW |
| JA2IYJ | EA1AF | JI3CJP | JE1IBI | K2SN |
| JA2QXP | EW1KP | JR3UIC | JH7BKN | KI4GE |
| JA3DY* | G4RGK | KB1EFS | K7LJ | ON4CAS |
| JH3FHQ | HB9RYZ | KI5BLU | K8YYY | VK3BDX |
| K0GD | HL3AMO | LA5YJ | LA6UL | W2ZI |
| K2CBI | IK0HFO | NK0S | LB6KC | WA4CEM |
| K3FRK | IV3GOW | UA0FO | N4HB | |
| K4JJW | JA3WLN | W5ZG | RA5BM | 292 |
| K8AV | JA7BEW | W8JRK | RQ3A | AK5X |
| N2DPF | JF3PNQ | WB8K | SM7IUN | EA8MT |
| N4LR | K1SM | ZS4TX | W1BR | HB9EBM |
| N7TY | K2KA | | W2TB | HB9MFM |
| OE8SPW | K5RT | 297 | | K1UU |
| OH1ZK | K6EME | EI8IU | 294 | K2XF |
| OZ7FOC | K7ZD | IZ8GGF | EA1JO | K4VIG |
| RN9N | K8DV | JA3BXF | EA6ET | KH2L |
| SM4AZQ | KF0LA | JH1UBK | HB9BUN | KR4F |
| US0YA | N4HID | JP1IOF | IZ5BAM | N2KX |
| W0GG | NX0I | K1PL | JA1AYV | N4SC |
| W1VT | NZ3O | K5PS | JA4DHN | N6HY |
| W1ZT | PZ5RA | K9YC | JE2RDO | N9BX |
| W3AP | SM6BGG | OE3HWC | JH1VUO | OH2IS |
| W6NWS | UA3ECJ | OH1JP | K3PU | RU6L |
| WS5W | W6DE | SM3LGO | K5VWW | SV5DKL |
| | W7VY | W3FOX | K9ZM | W3FI |
| 301 | WB2GAI | W8BBQ | KQ3F | W6DR |
| 4X1RU | WF4U | W8BLA | LY1G | W9PZT |
| 7M4AOE | ZS1A | | N0RN | WB8ZRL |
| DF2GH | | 296 | N5JB | |
| EA5OX | 299 | G4XEE | NA5DX | 291 |
| F1ICS | CT1EAV | HA7UW | PC3T | EB3CW |
| F3AT | CT1FPQ | HS1NGR | PY2MC | HB9BYQ |
| FG5FR | G3KWK | IK0AGU | VU2CPL | HK1MW |
| HA5VZ | IV3KFB | IZ8IEV | W0JM | IK0LNN |

| | | | | |
|------------|------------|------------|------------|------------|
| JA1IAZ | K4FJ | DJ0UT | 283 | SM5FWW |
| JA6AVT | K4PB | HL2CFY | DJ9RR | VE3YV |
| JA7HRM | K7BTW | JA1EMQ | DL5XL | W9YE |
| JE1BMJ | LA5SJA | JA1MZL | DM2RM | WA9GON |
| JE2KSM | N5KM | JA2FCZ | G3UAS | |
| JF2VAX | N6IE | JH0RVY | IZ7AUH | 280 |
| KI4DLS | N6PM | K4RG | JA0DWY | CT1BOY |
| LA9FFA | NE6I | K6ZZ | JA4HAW | DL2RTL |
| LA9GX | OM4EX | NA9A | JH1WJR | EA7SG |
| N1RR | W8QZA/QRP | NA9RB | JJ1BMB | JA3NHL |
| N2NS | WA3F | ND4V | K1CA | JA3QOS |
| NT5V | | ND4X | K3NQ | JE1HRC |
| SM5BMB | 288 | W0FLS | K8YSE | JF1IRW |
| W1OPD | CT1BWU | W2NRA | KH6M | JJ1NJC |
| WA2NPD | EA1RT | W6YOO | KI1U | JM1GHT |
| WQ6Q | EA3CJ | W8GNM | KJ7TEA | K2AX |
| WS9V | F6ECI | W8UN | NE3F | K4JC |
| | G8AJM | W9FI | W1SSN | S55ZZ |
| 290 | JA6IVR | W9OO | W8CZN | SV1FKZ |
| 7K1CPT | JA6QHQ | WA3GFM | W8IQ | W5PJR |
| AA3LX | JA7KE | | YL2KF | W5ZO |
| DL9GTB | JH0OXS | 285 | | ZS6WB* |
| HI8R | K8EAB | I4BJ | 282 | |
| HL2EIZ | KJ7M | IK7FPV | EA3EQT | 279 |
| IZ0NRG | KZ9DX | JA1SKE | EA5B | 9K2GS |
| JA1CZI | N1SV | JA8XQI | IK2PZC | DH0GSU |
| JG3RWX | N4IG | JK1VXE | JA3KNN | EA1KP |
| JJ2KDZ | N9UA | K2AZ | JA6GPR | F1RAF |
| JK7LXU | ON5UE | K5CWR | JJ6IHG | JA1DM* |
| K2UFM | WB3LHD | N4UOZ | K1ACL | JA3FHL |
| K6BV | | N5BO | N1RK | JE1PNX |
| K9FN | 287 | NN4X | N8SHZ | JH1APK |
| KE0A | DS5TOS | VE7BV | PA0TCA | JH1IED |
| KG6I | EW1BA | W0KEU | VE3SKX | JK1BSM |
| N1API | HL2KV | W7YW | W0QQ | K0DD |
| N4GN | IK2DZN | YB0COU | W0SZ | K1IED* |
| N4JQQ | JF0JYR | | WA8MCD | K5FZ |
| N5ET | K4KAY | 284 | | KE5FXE |
| PA7TWO | KA4RRU | 4F2KWT | 281 | LB5WB |
| RW7M | KD6UO | 6K5YIA | AC9EM | N2SQW |
| SM4CTI | KJ6NZ | AB4SF | DS5DNO | N7HN |
| VE3YF | N5UL | DF7EE | F6DBX | PA3BWD |
| VK4CAG | N7WO | DK7YY | HB9ZS | RW4CY |
| W4REX | NF1G | DL4DW | I0JBL | SM7NDX |
| W7AH | OZ4VW | EA5RD | I0OSI | W5THT |
| XE2D | PY2DS | HA5PT | JA4SSM | |
| | SP6A | HL4GAV | JA6OXT | 278 |
| 289 | W1MK | IS0AFM | JH1NYN | AF5CC |
| 9M6YBG | W4SO | JH4ADK | K1FEV | DS3HWS |
| BA4MY | W5DNT | KK1W | K5MT | E21EIC |
| G3SBP | W9DX | OH7TV | K8BN | HB9EFK |
| G3WPH | | PY2WC | K9GA | IV3TMM |
| I5REA | 286 | SV1ACK | KA7T | JA1BNW |
| IZ4DPV | 4Z1UF | W3ICM | KR8T | JH1FVE |
| IZ5YHD | AA7G | W5DM | N2NW | JK1WSH |
| JA7QQQ | CT1BWW | WB7B | N3RW | K1NJ |
| JN1NBU | CT1FUH | | NY9H | K3VAT |

K5FNQ
K5RKS
K7FEL
KR6C
ON4ANN
RM3DA
W2JLK
W5GA
WQ5R
WV8DX

277

BH4QYX
DL8SDC
EA4DL
IK0CHU
JA1PBV
JF6XQJ
JH3GFA
JH8KFE
JJ1QUV
K1XV
K9GWH
KC6X
KM3J
KS3F
N4JT
OZ0J
VK3NX
W2XI
W5QM
W9IL
WC3W
WV6E

276

JH1DGJ
K4WES
K9FZ*
KB6CIO
KE3D
KZ5DX
N0AH
N9AOL
VK2HV
W6JZ
W7JY*
W8FIB
WB8CQV
WC2K

275

DJ3XG
EI2CN
G3NKC
JA0KJD
JR4LZX

K0QQ
K2RU
KM6HB
N2RR
N4IQ
W3ABT
W5GZ
W5RF
W5VQ

274

A65CA
AA4FL
CT3KN
IZ0BVU
JA5NPV
JH0NOS
K2BA
KF7F
KF9UG
KK9H
N6KZ
OM8FR
VK5GR
W4GE
W8WEJ
WB0TVY
WB7BBQ

273

9A1AD
AJ8MH
GW4TSG
IK2RZP
JA1HOM
JR1JGA
K9NR
KI7AO
N6PEQ
NF4A
NY2NY
RT5A
W0K CJ
W4PNY
W6RKC
W6SL
W7IB
W9JJB

272

DK5RL
HL5BMX
JH1SOD
JH2VVH
K4ST
K5CD
K5IB

K6KZM
KE1F
KR2Q
LU6ETB
M0TTB
N4TOL
SM4OLL
UN9L
W0HBH
W5TFW
YB1AR

271

AB4UF
AJ4A
BA7IO
DF2UA
EC1A
FG8OJ
G4FKA
HB9BNQ
JA0LXP
JA1PVX
JA7JM
JH1OGT
JH7WQX
JJ6DGP
JM1VRW
K1GE
K1KA
K3SEW
K9OR
N7MQ
NA4EA
RA3BL
W3SB
W4KA
WE2N

270

EC1AIJ
EU1U
F6HLC
HB9IIO
JA7GZM
JE1VTZ
JH6DUL
JH7NTW
JK1OPL
JR3VMJ
K1CBK
K1EFI
K1MAA*
K3EA
K3WWT
KM7R
M0CSD

N7QT
NH6T/W4
SM7BHH
SM7GIB
TZ4AM
UN3G
W2PP
W3MR
W8LMG
W9MO
WC4H

269

AA9RR
AK5Q
DG5LAC
HB9CRV
JF2OZH
JH8NQV
K1JD
N4ENE
N4TJ
N4XYZ
N7ELL
NG7M
NJ3K
OE2BZL
WA6G
XE2X
YB2DX

268

AC4VM
AG5W
EI2HY
F5LIW
IK3SWB
IK8UHA
JA2ITK
JE2UFF
JF1WLK
JH1ERJ
JL1MWI
JN1NOP
KF4NEF
KV1E
KX2A
N4XP
OE3KLU
PY5CC
UN7BY
VR2XMT
W0RX
W1KMA
W7VAS
W8UV
W8WVM

267

AA9GR
AB5C
IW7DVM
JA8NFV
JH0AWC
JJ2WOC
JL3OUW
JO1LVZ
K1DJ
K1RI*
K4EU
K4KGG
K9SG
KE4UW
KZ1W
N2ZA
N5QS
NU1O
NX4TT
UA3O
WA1YTW
WV4TN*
XE1RBV

266

AE0P
E74K
EA4DEI
JJ2VLY
JR1VAY
KB9DAK
KL7TC
KO8SCA
N4OA
N4QWZ
N6DX
N8HRZ
N8NN
RU0SN
SV1HEP
W2YR
W3BJ
W5ZE
W6AER
WB2NPY
WS1L

265

DL2RUM
EA8AXT
HC1BI
JA1OVD
JI1VVB
K1LT
KA1J
KS4YT

| | | | | |
|------------|------------|------------|------------|------------|
| KU4XO | IK8GJR | HI3T | 256 | JG1SWM |
| KV4T | IW3GJF | IK2GAJ | 7N4SQJ | JH7IQQ |
| KX4TT | JA7ZP | IZ8MBW | AA6RR | JM1SZY |
| N8II | K0OK | JA3MHA | AC6BW | K0HD |
| NA5Z | KC6JAM | JE1PHH | AC9S | K6IPV |
| TA1CM | VE6TL | K2AT | AG3V | K9TF |
| VK3FM | W4KVS | K2HAT | JA0CIU | KL0S |
| W6HDG | W8MJ | K3OX | JA8RRF | LA1CO |
| WV2I | WA2USA | KY6R | JH8UQJ | LA6OP |
| 264 | ZS6NJ | M0IKW | K1NTR | N4FN |
| DK2CC | 261 | SM0MPV | K8NK | N6MB |
| E70T | IZ1JMN | SV1IW | KK4OK | N7WS |
| G3VPW | JQ1YIW | 258 | KN7D | N9KW |
| IZ5FSA | K0KP | AB4GE | N4PYI | SP5LKJ |
| JA2NNF | K1BZ | EA1DLU | RC2A | W4GIW |
| JR5JAQ | KA1DJ | HB9DVZ | SP5ES | W4IS |
| K4JWA | KA1DJ | I5XFD | W4RDX | WA3I |
| K4QE | KC9K | JA0EVI | WB4KTF | WB0O |
| K7UT | KV4AA | J11CQA | 255 | 252 |
| K9JU | N0ODK | K3NF | EA5AR | AG1A |
| NE8P | RA3QUA | K4MIJ | JG1JPE | DJ3AS |
| S51NM | RA4P | K4YJ | JL1GYZ | DL7JRD |
| W5DAW | VE3VHB | KT2C | K3SX | EA2AAZ |
| WA0ROI | W7FP | N3ND | K4MF | HL2ZN |
| XE1H | WX2U | N3QE | K5ZQ | IK1UGX |
| 263 | 260 | NA2P | KI6CG | JH5HDA |
| AA4A | AG7N | NA9Q | N6QI | JR1FHP |
| EA5DFV | EW1P | UN3GX | OH3OJ | JR1IZM |
| EW4C | HB9CXZ | W2DXE | PB9FN | K5GH |
| GM0VRP | HB9DQV | W4DEE | PS8ACL | K6EID |
| HB9BOU | IZ1JLG | W6SFK | W6GRV | K8QKY |
| IZ2FOS | JA4CZM | WA5UA | W9LN | KD2T |
| JA1FJJ | JE0ART | WB3D | WK8A | KS4S |
| JA4ZA | JH6PFY | WD8PKF | 254 | N0ABA |
| JE2EBT | JJ1KZZ | 257 | AA5SH | RL3AA |
| JH1FNU | JR1EYB | G0BBB | DF8FT | SV8CKM |
| JK1AJX | JS6TWW | IK3GBG | G4ZOY | VU2CDP |
| K0VM | K0EOO | IZ8EKL | K0MN* | W2KA |
| KR4W | K4CGY | JA7FVA | K1JIU | WB6BFG |
| N4TV | K5YU | JR1EFG | K4WFM | 251 |
| OH2CLX | KD8RQE | K0VSH | KB1DMX | EI9FVB |
| SM0DSF | KI4WCQ | K1RV | KK0DX | IZ4DIW |
| UR3EO | NJ7G | K1YR | KW4V | JA1JYE |
| YB2TX | OH1TSM | K6MM | N1GC | J11WLL |
| 262 | SM0XBI | K6XN | N2FF | JT1BV |
| AD7L | TF3DC | SM5BNK | N9SF | K5DV |
| AI6Z | V51B | W0FG | PY2FN | K7LAZ |
| DS4AOW | VA7ZT | W0TM | W4LEW | KB4MRX |
| EA1WH | W4SK | W2NY | W8UQ | N3KN |
| EA7QW | 259 | W5UHQ | W9EWZ | N7GCO |
| F4GVO | AC9O | W6WF | WV9L | W6AEA |
| G7SSE | AF2C | W7NN | 253 | 250 |
| HB9DVO | F5JSD | WB8B | DL2NOM | CU3EQ |
| I0MWI | G4XRV | WE4S | IT9AAI | DJ9SO |
| | HB9HIT | | | |

I8LWL
IZ2EWR
JR0QFA
K6ZP
KA9UVY
N1ZJ
NA2M*
W0TT
W6DPD
WI7P
WN6K

249

AA0MZ
AF6PK
IK0HBN
IK2RGT
IV3TDM
JF1MTV
N6MXU
SP6EY
VU24DX
W2WG
W7IV
WB9PNU
YB0NFL
YO9FNP

248

EA2J
I7PXV
JA4DNC
JH2AJY
K0THN
K2TER
K5RJ
KB5UNX
N4NW
N6BM
N9AKR
N9XX
NA2AA
NC4RB
OH6NIO
SM5ELV
VU2IBI
W1WC
W4DTA
WA5IPS
WA5NFC
WW8W
YL2TW

247

F5NBX
I8MTQ
JA6ENL

K0LB
KE6V
KF6HI
KQ4EE
LA2XPA
LB2HG
PY2GG
UA9AEU
WE1P

246

BH4IGO
FG4NO
HB9HVG
I8YAV
IK5BOH/2
JA1FVS
JA1QIW
JA3LDH
JO3WHB
K4MV
K5TA
KB2FCV
KD1F
KE4S
KW4CQ
OZ7DN
PA0ZH
UR5FEO
W4PGM
W7HUY
W8HMK
WB4CW
YB0DJ

245

7L4VYK
I0LYO
IV3AVQ
JA2ODB
JM1ESG
K0IL
K4OY
K5VR
K8AO
K8ZT/QRP
K9SUH
KO6KD
KW4J
VK2CA
W3BNN
W7CD
WA4MME
WB3JFS
WY6N

244

7J1ADJ
BV1EK
DS4NPL
JA3AVO
JA7MNF
K2SD
K4YYL
K5FXB
K5JZ
K8YE
K8ZM
KE1B
KK2M
KN4PPD
N2ZZ
VU2LBW
W4WN
W5WI
W9RXJ
WA8A
YB1TJ
YB1TQL

243

IZ0GYP
JA1BWA
JA7FAS
JJ1JMZ
K3VAR
K4SX
K9ARZ
LA9VBA
SM4BZH
SP7ICE
W2OR
W5LO
W9KVR

242

G1VDP
JA1BON
JR6GIM
K2SY
LZ2XF
N6ZN
N8BJQ
NK7C
OZ3SM
SM7CZL
SP5ELW
VU2DCC
W5FPT
YB1RUS

241

AD8P*

CT3CD
CU3AN
DM6MA
EI5GSB
IW9DNI
IZ0BTV
JA3PRM
JA6GIJ
JH2BNL
JH3FCF
JK1SQI
K1ROA
K4GO
KE5BR
N1JP
N3KV
W5UQ
W6BK
WK4Y*

240

DK6OR
DL6UNF
G4AYU
HB9DOT
JA0JPD
JP7FSO
K0NV
K3FM
K3SF
K8JE
K9ALP
N1MD
N6NU
N8WD
ND3L
NW7M
ON4ATW
W2CG
YV5LI

239

DL8DWL
JA1KXT
JA3KKE
K4VNY
KK4OW
KM4HQE
N6PAT
NN2D
NW6S
SP6AXW
VU2YYF
WA9BZW

238

CT1HHP

DK3UA
EA6LP
EI6IZ
G3XLF
JA0AXV
JA2OLJ
JA9APM
JE3FOR
K1ZJA
KC2SST
KE1VT
N9PGG
OH2LHE
PY2RO
UR4IOR
VE3TKI
VK6LC
VU2MSA
W3WST
W5JMW
W7TUS
W8FN
WA0WWW
WD8KND

237

AD7Z
JE4RAL
K4KAL
NY1V
RD9M
RT0F
W4DAO
W4HZ
WB5NHL

236

BA4TB
HB9ESS
HB9HBZ
HL5OC
IK1IYU
JA3UNA
JA4GXS
K4JKB
K4KEW
KP3AH
N3PS
N5PA
ON6KE
OZ1HPS
W5AAJ
W6HYI
WA4BIM

235

AA8SW

| | | | | |
|------------|------------|------------|------------|------------|
| HB9VAB | 232 | W1FA | K0PC | K5DCW |
| IV3FFI | AA5TL | W1NA | K0SD | K5UZ |
| K3DFL | EA7AN | W6FL | K4WY | N1WON |
| KB5HC | JA8BOV | ZS1J | SP3F | N4HN |
| KE9S | JF1KML | 229 | V51YJ | NA4MM |
| N6WT | K5HK | AA4AK | W5IP | R4FAN |
| N7BD | K7LV | DL5KUA | WB3BFC | VA2IG |
| SM0BYD | K9AQ | F4FLF | WB4DNL | W9GXR |
| SV8DOU | K9UQN | IK5QPS | WB8BZK | W9WO |
| W4DC | KB7AK | IV3KCB | XE1YD | WY1G |
| W5SUM | KF9AF | JA2MNB | 226 | 223 |
| W8RV | N2GZ | JA3EY | 4X4MF | EA2AGV |
| YB0MWM | N8GP | JR7ILA | 7L2QAD | HB9AAA |
| YO3IPR | NZ5O | K0SON | AA4LR | K8MRT |
| 234 | W6KK | K4AR | AJ8B | LZ2ZG |
| AA4UC | W7IAN* | K8SIA | EA2AFV | N6VS |
| AD6ZJ | W9QO | N6RK | F4WDL | N7TM |
| AL7R | ZS1DX | NN5E | JA4MMO | N7ZA |
| CT1ELF | 231 | S54A | K1EDG | NV4A |
| I5FLN | DH3KM | W1JGS | N2RJ | OE1ALW |
| IV3BSF | DL4FAP | WB2KSK | N7NG | W5KK |
| JA7MAD | GM0VIT | WF8R | N9JR | W6TK |
| JO4JDU | IT9ODQ | 228 | NW4M | W9MAK |
| K0CF | JA1DCK | AD4AA | SM5ACQ | W9ROG |
| K1RH | JE3EDJ | AL7TC | TF3JB | WB0N |
| K5ALQ | JP1LRT | CX2CC | VE1VOX | WB4GLI |
| KK9T | K1ZE | G4VMX | W2CQ | WD4IXD |
| NV4B | K3GT | HL4XM | W6WA | YE4FNN |
| NY6C | KE5TD | JA1MOD | WB6CJT | 222 |
| SM7WVZ | LA4JGA | JR7XOD | 225 | JA1GVT |
| SP5IXS | N3XM | K3PP | JF3VEC | JK1NPH |
| TF3VS | N8BK | K7AWB | JG2LGM | K0KV |
| UA9FFV | PT2ADM | KD0AA | JG3KLF | KF4VTT |
| W1DYJ | SM5FQQ | KF0RQ | JL6USD | KG4JSZ |
| WA1ZIC | VR2XLN | N3KS | JR3ADB | M0HIH |
| WB0ULX | W1AW | N3ME* | K6EGF | PP7LL |
| ZS2Y | W1OP | N8WRL | K6JAT* | SP5APW |
| 233 | W2FKF | NK7Z | K6UNE | SQ7FPH |
| IK0WRB | XE1J* | RD3BD | KD4SN | W4UEF |
| K6QU | 230 | SP5MXZ | KI6MQX | W8QXR |
| KK8MM | AA8KY | W4UDH | N0STL | WA9DU |
| KU4BP | AD0TR | W7VS | N4SV | WB4YDL |
| KW1DX | CT3DL | WA5KBH | RA0BA | XE1L |
| LA2GH | CU3BL | WW2DX | VE1DUN | YB3MM |
| NO0B | DL4NBE | 227 | W0ZS | 221 |
| OZ9XU | JH6RTO | AD5MD | W4HY | G3WW |
| SM0NUE | Ji8PDC | CT1ESO | WC4X | IK0WMJ |
| SM2EJE | JL1JVT | EA7DUD | WW0E | IZ0FUW |
| VR2CH | JP1GUW | JA0LFV | ZL3RJ | JF2TJJ |
| W0MU | JR4CZM | JA1ITJ | 224 | JN4FNZ |
| W0QC | K7STO | JA7JPZ | AE4CW | LA2LI |
| W0SR | KQ5M | JK1EBA | AH0U | LB7ZG |
| W0UC | N1KC | JK1JAS | JA4HXF | LU4FW |
| W4AG | NJ1H | JR7MAZ | JE3WQU | MU0FAL |
| W4MA | SM5AOG | | | |

| | | | | |
|------------|------------|------------|------------|------------|
| N1IA | K4WZ | IK1ZNM | 212 | IZ5MOQ |
| N9LJX | K6LRN | K5QX | HB9EXQ | JH6WMJ |
| NI5F | K9OT | KB2ZPB | JQ1PCX | K2CYS |
| OV5O | KB7QFE | KD1AB | K1XE | K7GA |
| SK0QO | KG6D | KG4CUY | K6TAR | KN4JX |
| VK6OZ | KT4AC | N7WI | LX1CW | KY5I |
| VR2XYL | LA2IR | NM1G | ON6YH | W3HER |
| W0JMP | N7VPN | VK2AAH | W4PGC | WA4MIT |
| W6DCK | VA2LC | W5CCP | | WB6AXD |
| YO3JF | W1MJB | WA3SKQ | 211 | WG0G |
| 220 | W2CDO | WC0W | HL3ERJ | |
| 7L3JAR | W5WP | WX0Z | JA1UOA | 208 |
| EA5HM | W8SAX | ZL2AO | JH7RTQ | 3A2MW |
| F6FYD | WA3GNW | | JL3DGI | AE9DX |
| K2EK | XE1R | 214 | JR2PZX | CT2GZE |
| K2XB* | 217 | AA4NC | K2PF* | EA4UV |
| K6NR | AA4U | AE4M | K8WHA | JA4FKO |
| K9OW | AA4U | DL1SVA | KB9AIT | JJ1KXB |
| N2KI | EU1M | HB9CQL | KM1C | JR3QHQ |
| N2MEE | I1YDT | HL1VAU | LA7EIA | JS6QOM |
| SM5CBM | IT9YOZ | IK0XIH | N1BY | K0FLY |
| W4UFO | JA1TD | JJ1BDX | OE3JAG | K9QJ |
| WA3FRP | K0CS | K0BRO | PT7DX | KK5OQ |
| | KC5LK | K0MFI | W1EBM | N1NU |
| | KD3HN | KM9E | WA1NXC | N4PL |
| 219 | NU4I | N5WA | WF1H | PY3VB |
| DF3EC | SV1IZY | NX2X | | RL3BZ |
| DK3BK | W0AIH* | VK3TC | 210 | SP9IZV |
| DK3HV | W7WZ | W4OWY | AD3C | W5RDW |
| G7IRN | WA9JWL | W9CSX | DJ7JC | W9MR |
| HA5CW | | WA7BNG | HB9FBG | WA4NUF |
| I7LGM | 216 | WB1DX | JA2KSP | WB9B |
| IZ0FYW | AB6CF | ZL3PAH | JM1JZN | WT2P |
| JA7DPC | DK4TP | | JR1CAD | YO3AIS |
| K1VI | DL5EBS | 213 | K3GGN | |
| K2RET | F4DSE | 9K2BM | K5CR | 207 |
| K7HC | IW5AB | AG5CN | K5LY | EA5ZR |
| K7LAY | JJ0LZQ | EA5RU | K8SL | IW0BYL |
| K8ZZU | JK1DDG | GI4OWA | KP3V* | IZ0CKJ |
| KK7YC | JM1JIV | HB0WR | KU8X | K7LY |
| KW9U | KA6BIM | K0YL | N7JB | K7VC |
| N0JR | KF2OG | KM8AM | N7NW | KM4NS |
| N4MI | KR4BD | N4MIK | N9DR | N7NF |
| N6DHZ | N4DWK | NA6O | N9IO | NA6MG |
| N6VNI | TG9NX | OH3FVP | W0MS | NW7US |
| N8AYY | UT7KF | S50B | W0PE | OH3PYY |
| ND7K | VE3YXO | SP7CVW | W4PG | SP7QHR |
| NS3L | VK3KE | W1ITU | W9NIO* | W4AEJ |
| UX5UO | W0BM | W1ZK | WA3WZR | W7SX |
| VA3OKG | W3NS | W3DIY | WA4QMQ | W8MIL |
| W3ML | W4CCS | W4GP | WQ1H | W9GG |
| | WB2ZAB | W6SHY | XE1FAS | WA8LRW |
| 218 | | W7PAQ | | XE2YWH |
| AE4AN | 215 | WY0V | 209 | |
| AG4Q | AD5WB | XE1EE | AC5AA | 206 |
| CU3HN | EA7LL | | BX5AA | AE0MO |
| HP2NG | I2YPY | | FM5DN | DK3QM |

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|------------|------------|------------|------------|------------|
| EC7B | N6EM | K7CTV | 198 | JA3BKP |
| HK3PJ | OE1HHB | KB3IFH | DM3CW | JG6MQI |
| IU0ICA | RX3BP | KD4POJ | EI1DG | JR1KBJ |
| IZ4AIB | UN7BK | KI7M | G6NHU | JS1MRA |
| JA9RT | W5FL | KK7BR | HA5BSW | K8ROK |
| JG1DUZ | W9PDS | LA5LT | HB9AGO | KA5VFU |
| JH2AMN | WA2VQV | N8IL | I8HAK | KG6DX |
| JH9AUB | | NF7D | IK2ULM | N0AMI |
| JR0RBY | 203 | SM5CAK | JA11FD | N5JEY |
| JR3TOE | 7K3QPL | W2WC | JE3PCP | N5UE |
| K0PX | EA4D | W5SV | KG8CW | SM2DMU |
| K1AJ | EI2JD | WA6QGH | LA8ZAA | W2PD |
| K3HW | JH8LEY | WB2WPM | N7RD | W5QP* |
| K8RCT | K7CU | WB9ZNZ | NA7RH | WA6HBR |
| KA1API | KA9OKH | YO2DFA | UT7EC | WK9U |
| KD2SC | N1QY | | W7KKC | YO3DDZ |
| KF5WCP | ON4LG | 200 | W8JA | |
| KK9M | ON5GQ | AA5N | | 194 |
| KN7K | W1ASB | EI5KO | | AD0K |
| N4AA* | W1LE | GM7NZI | 197 | EA6UE |
| N4TD | W4RQ | JA8WGX | AB2E | JA8ANQ |
| NN9X | W7IUO | JK1BIB | DF1IR | JH8FIH |
| NU1T | W8LIG | JR1QLM | F6KOP | K2HT |
| RN3CT | W9HZ | JS6SCC | HL4CCM | K4RM |
| VA7DX | WA4DOU | K3SUI | KJ4YLO | K4SAF |
| W5DXQ | | K5EWS | KX7L | K9EXY |
| W7JET | 202 | K7QBO | NG9J | KK4CB |
| W7QC* | AA4DD | N9LEO | SM3PHM | KU1T |
| | AG6HE | NU4B | VA3NXM | N5HC |
| 205 | DL5MHQ | ON6ZV | W0IKD | SM0EUI |
| HB9ECS | EA3HDZ | UA9MC | W4LIA | TF4M |
| HB9GWJ | IU8IYE | VE6PL | W5BK | UA4PK |
| HB9JNM | K1EO | VR2MY | WB2HJV | W1OK |
| JA3UOQ | K6VVK | W7LEA | WB4SON | W1XV |
| JE4CIL | K7PT | WD4OIN | WS4H | W3MRL |
| JG1LRE | KF7NN | WN7J | | W7QHE |
| KA5JSM | NA2U | ZL2LW | 196 | WA9MAG |
| KJ4UZU | NJ6K | ZS6C* | EA1AZ | |
| N0TR | SA3CAT | | G0OSK | 193 |
| N6DVR | SP3EPG | 199 | K1FE | EI6AL |
| N8NA | TF3Y | DL2JIM | K8CQ* | EI7GY |
| N9GKE | W0DD | JH0AKV | K9UWY | JA1VRY |
| NC1M | W1AO | K1TKL | KI2D | JH1IZR |
| NP3CW | W4NBS | K4NTO | KP4DKE | K6DLB |
| PY2SEX | WA6EZV | K6GFJ | N4MEC | N0YO |
| R0QA | WB9W | K8EB | N5JED | N5TF |
| S53MJ | YB4CHP | KB0EL | NE5S | N6JOJ |
| W8LR | | KN7Y | ON6MX | N8VV |
| WA0SXV | 201 | N4ZY* | SV8RX | N9MB |
| WD5BJT | DL6DCD | NC2Y | VU3CAU | PY8WW |
| | E20YLM | W1LY | W1CDC | R3IS |
| 204 | E77S | W4DVG | W1DXH | WB7QXU |
| 4X6KJ | JA0ED | WB9IWN | W4DSM | |
| JE4KCN | JA3EEM | WU7X | WB5STU | 192 |
| JH1RVQ | JA9IWR | XE1MW | | 7M4CLF |
| K4BBH | JR0GXA | | 195 | EI4HH |
| K8SMC* | K6CF | | 9H1EJ | HK6K |
| | | | JA0MRW | |

| | | | | |
|------------|------------|------------|------------|------------|
| JA8EIA | JA0AVS | JP1GVC | ZS6IR | IZ2CSX |
| JH0HVJ | K2GLS | K0MD | | JA0GZZ |
| JJ1CYX | K6UXO | K2DF | 183 | JA1PUK |
| K2WJ | K9TRV | K2RNY | AC4BT | JE2DOD |
| LA7QI | KE4FW | K2TV | DK3FB | K3PIN |
| LB5GI | M0IFT | K9RT | EA2AA | K4HQB |
| N7KDT | N0LD | KM5VI | GM1BSG | K6LPO |
| PT7CB | N0SL | KS0M | IT9IPQ | LU8ADX |
| R9JX | N7VZ | KV7N | IW1PUR | N0VVV |
| SM6CLU | NA2R | M1EMC | IZ7GIT | NC6R |
| UA1OM | R9MJ | N2ZL | JA1IAW | NE0U |
| W4CIR | SV2CLJ | N9BVA | JH3EQP | NT9F |
| W6OUL | VA6SZ | OZ6TL | K0RAR | SM5CSS |
| WZ4RC | WV4V | W4HOG | K3EJ | VA3HP |
| | WX2CX | W6HB | K3VPZ | WB9TFH |
| 191 | | W8MSP* | K4WM | XE2MX |
| 4X6UU | 188 | W9GM | KJ4R | |
| DL6LZM | BG8PA | WR7Q | KL7KK | 180 |
| EA5GXI | IZ1JLN | | KL7NW | A65BD |
| HL1MKT | JA5XPD | 185 | KS8W | AC0W |
| I4UUL | JA6JYM | 9M8DEN | LX2SM | DK8IZ |
| JA6CMQ | JJ1MNT | DL4ZAB | N4XXM | F5AQB |
| JH1AWJ | K2MK | EI3CTB | N6KK | JA5MOO |
| KE2M | KK4CLY | HK1X | NI7F | JF7RJM |
| KJ7NO | LZ1XL | JA1SZN | NO9E | K5EWJ |
| KO4PRE | N6XT | JA2BUR | W4NE | K7PTC |
| KR4DA | PY4AZ | JM1LPN | WQ5T | K8MVZ |
| N4BAF | RA9SC | K4QD | WW8RT | KB2S |
| N4QM | W5TUF | K7LFY | YB1RKT | N1BCL* |
| UA9AGX | WA5YNB | K9MMS | | N4ST |
| W0JW | WX2K | KB1W | 182 | PJ4/NA2AA |
| WA1EHK | | KC9G | AB9KZ | SV1BYI |
| WB8EKG | 187 | N1ZZ | AC4TO | WA9IVH |
| WY4I | AF3X | N4KM | DJ4JZ | YO4AUL |
| YB2TS | IZ2MHT | NC7B | DL1MEV | |
| ZS6UT | IZ6ERS | PY2OP | EA7LS | 179 |
| | JA1UTB | SP3TLJ | JA1DCO | A71AM |
| | JA4RED | W0ANZ | JA1IHD | DK1NAL |
| 190 | JE3OUW | | JJ1UHZ | G4YCS |
| AE5FM | K3XO | 184 | JM1CMA | IK5BSC |
| DL2RD | K8ARY | AA4OC | K4TXJ | IW4EII |
| HL4CBX | KC2STA | AC8L | KO4PY | JA0NZR |
| JH1AQN | KT8D | G4VWI | N3AO | JF2AIJ |
| JL3RNZ | NX8Y | JF1KIG | W0IEA | KR0O |
| JR1FCS | VE3NJC | K4JLD | W6GJB | N3AIU |
| K7RAN | W4AO | K4RDU | W6IS | N4KEB |
| KJ2U | W4GHW | K9JDP | WB8RFB | N5FEE |
| KM4VI | W7IMU | KB2XJ | WL7OU | N8NB |
| KN4FO | WA8RCK | KC4HN | WY9V | NS4F |
| OE1JIS | | KI7HO | ZS1EL | TF5B |
| W3DQS | 186 | KP4DS | | UA4SKW |
| W5AP | A61BK | KP4N | 181 | W1MR |
| | DL6NW | KZ2R | AA3AZ | W1PY |
| 189 | IW8CGX | MU0GSY | DF2WF | W3KN |
| 9H1AE | JA3MIO | N5QZ | DL2AMD | W4ASE |
| AA7XT | JG1GJH | PY2CP | DL7BO | W9BS |
| AI9U | JJ1OKK | WA5NOM | G8BCG | WA7HR |
| G0THF | | | | |

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|------------|------------|------------|------------|------------|
| 178 | E74A | N8TFD | CU2CE | KR4U |
| 4F1OZ | EA1AHA | NI4Y | G4NBS | KW4MM |
| AD6DK | G4DDL | NN4EE | GW0ANA | NI8Z |
| DS2BGV | IN3FCK | OM2AGN | IK2GOQ | OE6BME |
| EA8TK | IT9ABN | PY2RN | K0AIZ | SM7DXQ |
| EI5JL | JA1PLT | W5VU | K6JJ | SV1XV |
| F4CPF | JH1SBE | W6SIY | K9HQM | VA3UU |
| GM4KHE | JI3BFC | WM4AA | K9KDS | VE3FAC |
| GM5YTT | K4IE | WY2U | KB8KIM | VE3FRR |
| JA3AOP | KA4H | YB0EIN | KD5R | VK5CE |
| K2JK | KC5RR | ZL3TE | LU2JCW | W1TO |
| K6IRA | KC9WPS | 173 | N3YZ | W3WH |
| K9YZ | KF8PD | 9A1R | TA1PB* | W5WLA |
| KC1ERO | NU4Y | DL7AA | W4CMM | W7BJN |
| KE3X | W4GV | EW4A | W5GOL | WB1ASL |
| NA5S | WA4TMJ | G0UII | 170 | WC4B |
| OD5YA | WA4USA | IW5EIJ | CU7AJ | 168 |
| OT1A | WW6G | JG1RYQ | DS3EXT | 4O3A |
| VE1OP | XE2B | K8OS | EI5GM | AA5H |
| W3HKK | 175 | M0MCV | G3LAS* | AC8TO |
| W4DWS | AA3TH | N3WD | HB9HHH | A14QQ |
| WB2KSP | AC0DQ | PF1MO | JA6SUY | DK3TL |
| WP4CQ | CT7ANG | VK1AX | JE1GLP | DL5KUT |
| 177 | DK2GP | VK4CC | JN1SUT | DS4DBF |
| 4F3BZ | EI8GS | W4GHD | JR0AMD | F5EOT |
| AK9B | G3CWW | W4MOT | JR6GV | IZ5BYJ |
| DD0VE | HB9DTE | W8PAT | K9BO | JA1ERB |
| DJ9KV | HB9PUE | WA5PFJ | KD4EE | JA5SEY |
| DL1SWN | HP3TA | XE2W | KI4R | K7YZO |
| EA4S | HS8KAY | YB4IR | KJ6Y | KB1HY |
| G4AFJ | JA6FEG | 172 | KQ5S | KB4KBS |
| HZ1GW | JH2NWP | CT1AUO | N2TC | KB8DID |
| IK4TVP | K1GND | E29TGW | N2YBB | KE8G |
| IZ1JIZ | K4HEB | EA1P | N9ATF | N4GBK |
| IZ8DEO | KI4TZ | EA3NG | ON5EQ | N8JS |
| JJ1HLL | LB2TG | IZ8GCP | PY2FZ | NM4SH |
| JR6GHN | N1BRL | JA1UBZ | R3BB | NX1P |
| K0ABC | NA1DX | JA7MWC | TA1L | SM5AFU |
| K0SRL | SM0BSO | JH1BHW | W1DAR | VK7ZE |
| K3CWF | SM2YIP | JM3GXU | W1ES | W1HEO |
| K4DET | W2FS | K4EZY | ZP6CW | W2FDM |
| K4OP | W4JVN | K9AAA | ZS5LEE | W4BH |
| KC3AK | WA7HQD | N0CKC | 169 | W8TM |
| KD8MQY | 174 | N7TW | AJ4IM | WE2K |
| KM2E | DL5MM | PY2ADR | AK1P | XE1ILI |
| KN6VTC | DL9SAD | RA5C | CT1ETE | 167 |
| W3KB | DS5QLJ | UY2UZ | G8APB | EI7JZ |
| W4UAT | EI4BZ | WA1KXV | JA2CKK | G4FTC |
| W4UT | IK8IPL | WA4VJK | JE7KCI | HB9TJG |
| W5IO | JA0BES | WA5CMI* | JF3KOA | JA1ASO |
| W7GTF | JH1FRW | WO5I | JH0IEW | JI1DMH |
| WC2C | JH1XFR | 171 | JN1RFY | KB9LIE |
| 176 | K2YSY | AB1J | JR2PAU | KE4BKL |
| 5P5Q | KM4A | CU2AF | K1QN | KU9S |
| 5T5PA | KS4WA | | KC4AA | N8IK |

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|------------|------------|------------|------------|------------|
| N8OQ | G4SGX | KV8P | 159 | N2XQM |
| NZ6N | G6MXL | LA1J | AC0B | N4LSJ |
| SM1NJC | I8NLC | N1BZ | DL8OH | N6VH |
| UR9IDX | JF7NNI | N3PV | F1OBJ | N8YQX |
| W5RYA | JG1WNO | N3TR | IV3NVB | N9MSG |
| W6ZPL | K0LU | NS4X | IZ7QSS | PP2FN |
| WA1LAD | K2DC | ON8PHD | JA2KGQ | SP5NON |
| WA5POK | K6ME | OZ6EI | JF3AHI | TF2LL |
| WR2G | KA5IAU | VU2TMP | JG1XBM | VE3VHH |
| 166 | KD4CM | WY7FD | JR1LZK | W2KNG |
| 7Z1HL | N7MB | YV4DYJ | K3RWN | W6ELI |
| AB9BH | N7UJJ | 161 | KE7BMG | WT3Q |
| DD9WG | NC6K | F1BFD | KM8V | YB9AY |
| JA3WMS | NC6RJ | IC8XIL | KX6C | ZS4JAN |
| JE7BUH | NZ3M | JA2HOL | N4UW | 156 |
| K2FJ | PY2FUL | JE1COB | UA0SC | AC7JM |
| K2OP | TF3G | JE7OEC | 158 | EA3HPX |
| OV2B | VK3MB | K3JM | EA5LV | EI8JB |
| SV2ESW | VU2AE | K3LA | EA8TZ | F8DZY |
| TG9AJR | W8BI | KC4DM | IK6BMU | G3PSM |
| UA0FDX | W9EBO | KE9UA | IZ8EYN | G4ZWY |
| VA3EJN | WA1W | KU2A | JA1CCG | IU5RTR |
| W3JXP | 163 | N4LKB | JA2CPD | J68HZ |
| W7TG | JF2RSF | N9AZZ | JE6PJP | JA1GLE |
| WB8QZM | JG3KMT | NH6L | JH2WDT | JF2OHQ |
| ZS1C | JR1HYA | WA3UTC | K8YAH* | JH1IY |
| 165 | JT1CO | WB2RAJ | K9UO | KO4DKI |
| EA4EJP | K0BX* | YB1BML | KB0V | M0NGN |
| F5NNN | K3DQB | YO6HSU | KC2WUF | N4UP |
| JA4CSJ | K3WJV | 160 | N0EUV | N6MM* |
| K2MHE | K4GN | EA6AZ | N5EI | PV8ABC |
| K3GW | K5SES | F5VML | N9MR* | VU2NXM |
| K6BR | K6GCN | FM5FJ | NT5O | W1GY |
| KF4IFF | KB8NTY | HB9MXY | W4TE | W4AFB |
| KK4XL | KM2O | IW1GEU | W4VG | W4JDS |
| N3HYB | LA8PDA | JA1EYN | W6PG | W8EOG |
| NN3V | NJ6W | JA6NQT | W8PE | YO8PS |
| SP5AMN | NW6V | JE2SOY | 157 | 155 |
| VA3IC | NY4G | K3MI* | AC4FZ | DL6ZBN |
| VU2ABS | RA3SD | K7FL | DS4OMS | EI3HA |
| W1MO | RW6MBC | K8WVA | F5GSJ | EI9HX |
| W1RG | VU3RGB | KE4KMG | IZ5GST | JH8UGL |
| W3IZ | W0OGH | N4HL | JH1RFM | JP1EWY |
| W4ARK | W6DOE | N7PIB | JH4GNE | K3KY |
| W6BBS | 162 | NR5O | K0GEO | K6RI |
| W7YED | AA6XV | VE3TMG | K0QB | K7PO |
| WD8LTM | AB4FH | W0PPA | K1LTJ | KD2GC |
| WW3A | EI4CF | W1ZS | K2RKJ | KF1P |
| 164 | JF2SKV | W9UM | K9IA | LB8OH |
| AB7RW | JH1ORA | WC4V | KB5CSQ | N0TK |
| DD0VU | JQ2MPJ | WM9Q | KD5RBU | N1HO |
| DL5ZB | KA1BQP | YO6HOY | KG6WIK | N4LV |
| DS3EXX | KA3GWD | ZS6RJ | KM4LS | N6FS |
| G3VQO | KL2R | | LA8WG | NR0Q |
| | KM4CQG | | N1SZ | NZ0O |

RK2M
VU2SWS
W6DRB
W8VK
WA8Y
WB3AVD
WU1U
YB2TJV

154

AA5B
AC9GK
AD7XG
DS5WQT
DU1KT
G0FWX
IC8SQS
JK1AKA
K2CDJ
K8CR
K9AAN
M3DFW
N5MT
UW7UA
W4GH
W6RFF
WC2L
WM5H
WU8T

153

AA9WO
G8GHD
HB9BMY
IU8GNY
K4AEN
K4NKT
K6VWE
KF3N
NY7T
ON4EB
ON5GF
PY2AB
RA3CO
SP1NEN
VE7SZ
VE7YY
W3KHZ
W8WV
WB5ZAM
WJ8Y
YO3GJC

152

AE5B
AI6P
CE3FZ

DS5JMG
IU4BJC
JA1RRA
JK8VMB
K1FUG
K1IG
K5DXR
KD2OV
KD9ZR
N5SIX
OH3TY
SV2DSJ
W6OZI
W9LU
WA2BOT

151

AB0RX
AB5YI
IW7EDZ
IZ4IRO
JA4DLF
K0FD
K5KG
KG5NP
KN4WOJ
KX2B
N9ATD
NE5C
NJ1Q
OZ9U
VE3NKS
W4TUN
WA6MRK
WB8TGY

150

7N2JZT
AC4XO
JA1CPN
JA7PKV
JH1CTV
JR4VEV
K4TR
K6OJ
K8LBT
K9QA
KK4TKJ
LA9KY
N0IW
N2CJN
N6DW
N9AVC
NR2D
OR4K
PA0QRB
PT2ND

R2ARR
SP2LLP
TA1CQ
WX3P
YB1AYO

149

7L3SQL
A92IO
AA4FU
AA4MM
DJ0AH
DS4DRE
EA5XV
JA2ACI
JH1HRJ
K3HPA
K3LL
K4ZRJ
K5VG
K6WY
KA7CVJ
KB7V
KH6XT
N1CNG
N1GNB
TA1AL
VR2VGM
W0ZX
W5PD
W5WS
W7FI
W9GFB
W9SE
YB0AZ
ZS2I
ZS6HON

148

AD6KQ
AD9DX
AK4AO
AK6I
DL2VWR
DM5JBN
ER0FEO
GM1TBW
HC1HN
IK0XKP
IK8OZV
IZ1EPM
JA7HYE
JE2VYM
JR4DHK
KA1CTL
KA5SYP
KC2RDW

N4BRF
N4DJT
ON5RKN
SM0XG
SM3DXC
UA6XT
VU2OY
W2ARP
W4EJG
W4IDX
WW5L

147

CT1DMC
CT7ABD
E73D
EI3ISB
JA5CDL
JA5IBP
K1RI
K4HYJ
K7UW
K9WMS
KD9BIE
KI4NSP
KX4I
LU2AH
N2SO
N2YU
N9QQK
W4TNH

146

7J1ABD
9J2BS
AB1NS
AB5GU
AE4VJ
AE5LK
AG5Z
AI2S
EI3IO
G4EHT
IW2FLB
K0ASA
K0JJR
K3GO
KB8ZUN
KO3F
NT5EE
PA3AIN
PY2BT
W1MRH
WB1S
WI4R
WJ1B

145

EA1MV
IK6CGO
IZ0COI
JA0BEJ
JA2FRC
JA3FRI
JH1EGT
JR2CCH
K8MN
K9MQ
KA4AHU
KB1AWM
KB4CRT
KG4OJT
KI0HA
KN4AMX
M0PCB
M0VCB
NA8W
OE9DGV
OH3GGQ
VE7UM
W3UNX
W4DN
WF5I

144

DJ6OZ
HL2DBP
IK5ZAJ
JA9EJG
JH4GXE
K1XGM
K2IRM
K4GHS
K9BQL
KA9JCP
KE3ZT
KI2Y
KJ7KOJ
N4WD
NN6K
R6TY
SV1AER
SV3EXP
W4KCM
WB5KSD

143

AK1N*
DJ5DT
JA1CPU
JE4WOK
JJ1IRS
K0ARM
K3WGR

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|------------|------------|------------|------------|------------|
| KB2TGU | 140 | HB9WDF | IZ0RPS | KC4LZN |
| KZ1X | AA9AA | IK8PGE | JA7NGE | KC7CS |
| N1BKB | F5DBT | JA0PZJ | JR4OTP | KI0KN |
| N9RE | G0HSA | JA2LMY | K9CHP | LZ1MDU |
| N9XG | HB9BEM | JE6UWU | KJ4FZ | N3GTG |
| OK2FB | JA1JYS | K2KIB | OH4KRN | N5TW |
| W3GP | JK1OTP | K4AU | PA5X | NK5Z |
| WA2MUA | K0IO | K5MMH | RN0C | PY5VC |
| WA6URY | K7JH | KC2NJ | VK2GR | SV2BXA |
| WF7T | K8JRK | KC8IVC | VK7AP | UT9LC |
| | N1AH | KF2G | VR2IL | VE3EDY |
| 142 | N1UZ | KL7XO | W2RQ | VE9VIC |
| AA2T | N4GRC | N1FOJ | W2WGK | W0QD |
| AD8NQ | N7FF | N3OUC | WB2AA | W3WTD |
| DS5BRE | NA6XX | NE1RD | WM4W | |
| EI2II | NA9L | SV2JU | | 133 |
| G3VXJ | NS0W | SV3KH | 135 | EA2BFM |
| HB9GIV | NZ9Z* | VE3BHZ | EI9CN | HC1E |
| HS1JZT | VR2CC | VU2DED | G0MMI | JR6LDE |
| JA9KA | W0MF | WO6T | G4FVZ | K2IE |
| JA9KRO | W3ATV | YB2IQ | HC1HC | K3UT |
| JE1TNL | W7QF | | HL2MHU | K4CNF |
| JL2ULM | | 137 | HS3OY | K6EV |
| KF9LI | 139 | A71XX | IS0EBO | K7CMZ |
| N3DV | 7Z1CQ | AJ6X | JA1RBY | K7YMG |
| W3MF | AB4BJ | DL9KSM | JM3XZC | KA4LBD |
| W7LEB | AF3K | HB9DPO | K2ZD | LA9JKA |
| WA7ZXD | A11W | JA3MAT | K4TG | N0DL |
| WB6FWS | DK4MX | K0UBR | K6CW | N2IFA |
| WU4B | IZ0GVZ | K4VAC | K9KJ | N2SG |
| | JA0NPQ | K9JIG | KS4Q | N4VN |
| 141 | JS1LQI | KB4DSL | LZ2HM | N6GY |
| EA5PS | K0GK | KB7DT | MM1PTT | N8LCU |
| HB9ARK | K4NI | KC5LT | N4PAJ | N9NFT |
| I0BJV | K5GZR | PA9JO | N5ZY | NC3O |
| IK2BBU | K8RMC | RM4C | NN8L | SM6WET |
| JA7JAA | KG5POL | SV3GLL | PV8RR | SQ9DXT |
| KN9N | KS0JD | W0XE | SV9FBK | UA0ABB |
| KX5U | N2ADE* | W1GXH | TF1EIN | V31CQ |
| N0AKC | N4EDT | W3/NH7C | W2GHD | VE3XK |
| N5TU | N5RN | W3RMS | W4WB | VE7NY |
| N8AGU | N8TEM | W9FF | W5TMC | VR2ZXP |
| N9IXD | NB2P | W9TO | W5YKU | W1IZL |
| NO2C | NK7I | WA0WOF | WF4W | W6QO |
| OE6CLD | OH3DP | WB5TOI | | WC9C |
| RM6LW | OZ9GA | WV0Q | 134 | YB2BNN |
| SV7CUD | PY3SB | ZR6GR | AF9W | |
| W3ENM | TF1A | | DB9CR | 132 |
| W3NRJ | UA4HAD | 136 | DL2DCX | AC5Q |
| W5HMK | VE7VZ | AA7UN | F5ELL | F4GTB |
| W7PC | W9RB | AG4TO | IV3XWD | JE4FNC |
| W9FML | WN1M | AK9L | IZ1UKG | JE7FOP |
| WA4UWD | | DG1SGW | IZ8LMA | JG2NXV |
| XE2AD | 138 | DL5FAC | K2GW | J11ZS |
| YO9GJY | C31MF | HL4RBR | K4GM | JJ1CWC |
| | F8EZE | IT9JPS | K8GT | K4WJ |
| | HB9HFM | IW0ECV | KA9TOX | K5KEW |

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|------------|------------|------------|------------|------------|
| K5PC | K5NV* | HI3I | W1MJC | N5XUS |
| KB3KJ | K9JE* | IW9FRB | W6CUA | NJ2X |
| KF2ZQ | KE4YOG | JA2KPW | ZL3REX | NS7K |
| KF6A | KI3O | JJ1IDW | | VK2DAG |
| LZ1XZ | KK4ODQ | JK1MZT | 126 | W0GWK |
| M0RTP | KO6UW | K0FJ | DL9CP | W3LWH |
| N4GOA | M0AQM | K0HQW | G3VDB | YU1JF |
| N4UFP | N2FY | K0JDD | JA0EBV | ZL2DD |
| NC7M | N2YF | K1HC | JG4OOU | |
| NF6P | N8ERL | K4AVO | JH3IOY | 124 |
| NJ4V | NG4DX | K5GM | JJ1VFE | AC6FU |
| NS0D | OZ7BQ | K8CJY | JT1DN | DS2GOO |
| NS7U | PY2YW | K8ZEE | K4RP | EI2IP |
| PY3OG | VE2YG | KQ6K | K7BWC | HB9BEP |
| TF8GX | VE7ON | KY6AA | K9LCR | HC2PY |
| TG9AWS | VR2CO | N6BDX | KD0KZE | IK7ZLW |
| W6VFA | W0TLX | NQ4A | KF4JHG | K4TMG |
| W7GSV | W1HQ | NW3U | KG8OU | KB4ET |
| W9CTJ | W4OV | PP5VA | KM6WXB | KC0V |
| WA1HXH | W5SG | PV8DX | N3TTT | KN4OK |
| WF8Z | W9MB | S51MA | N8JK | N0LGU* |
| | WQ5O | TF1EM | NB3R | N0RQ |
| 131 | | VE3MSC | NT4K | N2MN |
| AE1T | 129 | VE3QAA | PF7M | N4PGL* |
| AE7U | AC9HJ | W1XK | PG0S | N5OP |
| F6FHZ | EA4OR | W2GGY | SM6WXL | NS6E |
| G5CL | EI6GI | W4CC | VA2GA | SM6YEC |
| JA1CCH | HB9AZO | W4LLP | VK4BUI | W0RH |
| JA1QEY | HB9MZI | WA8IWK | W7CB | W2YWV |
| JA1WTO | IS0/YO3RA | WD1M | W7WES | W4SW |
| JA3KWZ | IZ7QFN | | WD9IOK | W9KM |
| JH0LME | JL3SIK | 127 | WW6W | WA6VZN |
| JH3PRR | K5LLA | 6K5AQY | | WB6RAB |
| JH7CSU | K7ORK | EA5DKU | 125 | WT5L |
| JR3PKO | KE7AUB | EI4GJB | AB2NI | |
| K3IRV | KG2V | F8DHE | AI5EG | 123 |
| K4IU | KI6RRD | I1FBJ | DL1TPY | AA9XA |
| KG5VK | KW8I | IZ1UKF | EA4E | AC6DD |
| LB8CA | N8KUS | JA1PHE | F5BEG | DJ9KM |
| N4WOT | NE5W | K0FF | G4PUQ | DL5HU |
| NO3U | NF4L* | K4SAW | JA9ALR | F4RST |
| OH7HM | RA9SAS | K5WRE | JA9EEH | IV3EFE |
| VE2WY | VA3AYA | K6DJ | JE7KQU | JA1PRV |
| VE7XT | VU2OT | K7LOL | JH6JWE | JE6RIJ |
| W2UB | W1ARY | K7LVJ | JO1SIM | JJ1XVA |
| WF5E | W5RAE | K7VL | K4AEH | K3RRR |
| | W8HB | K8SI | K4MSS | KA5OWI |
| 130 | WD4GZW | KD2NF | K8PGJ | KH6P |
| AA0BH | WW4N | KE8NOA | KP4ED | KZ5JEF |
| AA2VG | XE1SAX | KF8N* | KW1X | N5CR |
| AK0A | | KG4URP | KW7XX | W0LGQ |
| DJ3EJ | 128 | KJ4QDZ | LA2XNA | W2OIL |
| I8DKR | 4X4JU | N0UCR | LA5HPA | W6NT |
| IZ2GNQ | 5H8HZ | NE6V | LU9DO | WQ8T |
| JH1OVY | AC2QH | OH6IH | MM0INH | |
| K0SQ | CR7BRV | TA2RC | N0AZZ | 122 |
| K4NNQ | HB0RER | VU2IT | N3DD | DL6WM |

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|------------|------------|------------|------------|------------|
| EA2RY | ZS2ACP | YU1LD | W6CN | N6DSC |
| EI5KI | | | W7NP | PV8AAS |
| JH9FCP | 120 | 118 | W8YV | R7CD |
| JI1FXS | AA4QE | 7N4OBV | WT9U | SM4RGD |
| JL7SNM | AB8M | AC8AZ | ZS6NK | SQ2AF |
| K3QB | DB3KE | AK3E | | W4DFU |
| K9BR | E70X | DB4RG | 116 | W4FDS |
| K9TVG | EA4ESI | DD8BA | G3LOJ | W6EKR |
| KL7XD | EA4TX | DJ0CL | IW7DMH | W7GB |
| KO4XI | HB9GZE | DJ5FZ | JF1WRV | WA3HR |
| KP4DDY | HS7WMU | IZ4GOL | JH1IHG | WA3YZD |
| KR7RK | IK1RKN | K3FS | K0HB | WA8KNE |
| NG0G | IU8LMC | K3MSB | K0MB | WB2JFP |
| NZ5F | K1XO | K3WSU | K1JKR | WB2MKX |
| S52R | K6SY | K5KDX | K4BNF | WB8YTZ |
| TA1UT | KG4IYS | K6JAD | K4HDW | YV4EH |
| VU2MB | KK4MA | KD2UF | K4LCP | |
| VY2RU | KK5J | KD4EUH | K5PBR | 114 |
| W1KKG | N0OK | KK5ID | KI8AE | 2E0XAR |
| W9LCQ | N8XS | N0ATQ | KJ6YK | AF6O |
| WA5YOM | NJ8G | N8AID | N4LS | DK1MCS |
| WB4JPG | NR5R | TA1HZ | N4WMB | DL2NAI |
| WB6PIH | SM3WMU | UA1TGQ | N9ETH | DL4FDM |
| WD6T | UA3DUJ | VA1SEA | S51DV | G3VAO |
| WW1WW | VA7DJ | W2MPK | SA7CJO | IK2SYK |
| | VE2JM | W2RS* | VE3KKB | K0FTC |
| 121 | VE7VV | W4/KL7GLL | VU3WUA | K1TWF |
| DD9WL | W1USN | W5EC | W0QL | K2KYH |
| DK7VW* | W1ZZ | W9JJ | W4SKW | K3XC |
| EI9GLB | XE1AO | WA1DD | W4WCD | K9XR |
| F6JSZ | XE3E | WB4UBS | W6JJW | LU6XQB |
| G3YFE | YO5QAW | WB9AZA | W7VP | N1KM |
| HL1OYF | ZL3RIK | | WB2UFF | N5MI |
| IT9GNG | | 117 | | N8LAS |
| JA1CC | 119 | 9K2HM | 115 | NE3K |
| JI1LLD | AC7ZG | EI8JX | 4S6RYD | TA3J |
| JI4HKA | AF8C | HA5DI | A71EM | TA7AZC |
| JR4NUN | DL2OW | HL4GHT | AA2F | VE3VV |
| K0WJ | EI2HZB | IK2WSO | AF4OZ | W1BYH |
| K3LAB | F8GB | IZ3DBA | AJ6V | W2MW |
| K3UW | HA2EQD | JA1DIO | DS5AAQ | W5MJ |
| K4RSA | K0SQS | JA5EEU | GM0SCA | W8EH |
| K8FB | K4WSW | JE2FUP | IK4EWN | WB9WHQ |
| K8TLC | K5VSD | JH5OTE | IU1RLJ | XE2AU |
| KA9JAC | KA4KBX | K3ZI | IZ7HNO | |
| KC1RET | KC5N | K4PWS | IZ7YPK | 113 |
| KD2RUY | KD6WKY | K5TU | JE1CTA | 7K1LUE |
| KG2U | KI0G | KA4IZN | JE1FYV | AA4RX |
| LA4RT | KR9A | KY6J | JF1FSW | BD7IBN |
| N1GFV | N5VBK | KZ4EX | JK2VOC | DL3ANK |
| N3CAL | NA1RL | N2BSA | JN3XEZ | DL9QJ |
| NC8I | OM6CI | N3STZ | K1RE | EA5HB |
| VU2XE | W2XX | N4ZR | K2CQW | EC4KW |
| W2EQ | W9COS | NJ9Q | K3OK | F4HAB |
| W2GM | WA2ALY | VU2MUD | N0VTZ | GM1DSK |
| W5JE | WD0ANB | W2ZK | N1TQP | HB9AJY |
| W8TE | YB9WZJ | W4POT | N3COB | HS5XWY |

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|------------|------------|------------|------------|------------|
| JA0ADY | WB4CTX | NT6AA | BV6CC | N3PW |
| JA0IJG | YB1RQX | SM6LPG | DJ5AM | N4RT |
| JD1BLY | YO2OXD | SM7TZK | DL7UHD | N6AJR |
| JG0HEW | | W2FDJ | EI3GV | N6UOZ |
| JH1GNU | 111 | W2PS | EI5FQB | N7TP |
| K0INR | AB3TM | W4EY | F5VIF | NN5O |
| KC4ZA | CT3DZ | W7WT | G3YBY | OZ5D |
| KD2CYU | DU1IVT | WA0CIE | JE1GSD | R2AB |
| KE1IU | DV3FM | WB2BXO | JH3AEF | SP7LPD |
| KM4ODS | EI2HIB | WB4EVH | JI1MPS | VA2EU |
| OM4KW | G0RPM | WB4HMA | JI5RPT | W0VU |
| ON7RK | IZ4COT | WV1K | JP1RLN | W4WNT |
| SV4FFL | JA1DHY | | JS2LPJ | WX7B |
| VU2JXL | JA3DLE | 109 | K0CCM | YB8HZ |
| W4LEW* | JF1AZQ | 9H1AZ | K4LQ | |
| W5MF | K0XM | DB2WD | K5HW | 106 |
| W7EY | K4HR | EI2FG | K5JUC | 5W1SA |
| W8ZR | K4JDJ | EI6GF | K7WTG | AA7DK |
| WB4PWZ | KT5V | G0DTX | KA2F | DC1TK |
| WB8LEM | N0MHL | HG6IA | KB9S | DL3DUE |
| YE1AR | N2YCH | IT9BLB | N3ER | F6ARS |
| | SP7ASZ | JJ2BLV | N6PSN | FM1AG |
| 112 | UX5XK | K5IUC | N7WR | G4HUN |
| AC8MR | VU3DJQ | K5ZD | N8KOJ | HI7SB |
| G4WGE | W1RH | KD8DEU | N9MKC | IK2HKN |
| G4WWG | W7FS | KE0GHU | SV3RKM | IZ0SPA |
| HB9IBA | W9CLA | KI5QQG | TF3DT | JA1GQC |
| JA1GFD | WA8COB | KJ2AM | VE3ZN | JA2RP |
| JI1GDS | WB2SNN | KU4A | VU2OR | JA5GOJ |
| JJ3OFL | WB4SIA | LU3XX | W0PMO | JJ1VRO |
| JK1AIA | WB9MSM | N1TQ | W9OQI | K0YA |
| JQ3TAN | WX0B | N6RVI | WU6K | K1FBI |
| K4AAP | WZ9B | N9OI | YB1SKR | K2AMI |
| K5RQ | | NA6MB | | K3NO |
| K5YE | 110 | NG4C | 107 | K4FW |
| K6SLO | 7L3IUE | NN7O | AA2WC | K5PSN |
| K9YKL | AK4N | PG2AA | AG4SO | K9DUR |
| KB1OIQ | CT1FPW | RU9F | DL5KLX | KC3OPI |
| KB8HRT | CT7BQH | RW3QHN | DL7LX | KI4PG |
| N4JJS | DL3XAC | VA3VF | EA1FF | LA4DM |
| N7JXS | EA1BLA | VE7BC | EI2LH | N0IN |
| N7MW | EA1NO | VE7SO | F5PBL | N8NIJ |
| NC4RY | EI4GNB | W0ZY | FM4LV | N9PWM |
| ND4K | G3LPS | W3WN | IK8TEM | NA4D |
| NF4J | G4LFU | W4CRN | IT9ZEO | VE2GT |
| NL8F | JI5WDC | W5DP | JA2DCN | W0QKL |
| TF3MH | K9GL | W5GCX | JA4JSL | W2TX |
| VA6SP | KC9IKB | W9GWP | JA5JUG | W3TZ |
| VE1AOE | KD4SR | W9IAL | JM7SKE | W4OEP |
| VE3DIT | KF6I | W9LYN | K0MU | W5DWA |
| W1WCI | LA3ANA | WD0AJG | K2KNB | W7UV |
| W3SW | N1XL | WN9A | K6BY | WA7VHT |
| W7SMW | N5LKE | WZ9W | KR4Q | WL7CG |
| W7VV | N5PD | | KV3W | WV4E |
| WA2IBZ | N7WFK | 108 | N0TNJ | |
| WA3IIA | N9EA | AB6WQ | N1ECC | 105 |
| WA4NEL | ND0B | AF8P | N3EA | 7Z1SJ |

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|------------|------------|------------|------------|------------|
| AA4EA | IK2HLM | KB2FMH | NZ1I | ON5BVB |
| AE4G | IS0BQE | KB2GCG | OK2QQ | PC5F |
| AI4EY | JA1QFX | KC8RPV | RZ6MJ | PT2DF |
| EA5DPL | JA3VUI | KJ4SKO | T88UW | UX4UM |
| EA5WP | JK3NSD | M0PTZ | TG9AKH | VA2SS |
| EI4DQ | K4QS | N2BT | VE3AXW | VE7DAY |
| EI4IZB | K6TT | N2XTT | W0RMS | W1GF |
| EI8GVB | K7FDR | N4CBS | W3UTD | W2PTP |
| EI8IQ | K7UWR | N4NYY | W4QJ | W2SUB |
| F6BZT | KA0IQT | N4PF | W7AUM | W4PM |
| IW8AWZ | KB3Z | N9KQQ | W7DGP | W4VZH |
| JA1QOQ | KI3F | OZ5JQ | WM4R | W4YR |
| JH1JNR | KJ5RC | OZ5VO | WU9D | W6DQ |
| JN4SNG | LX2KD | SM4FYX | WV4Y | W7KHZ |
| JP1TDG | LZ1JZ | VA3WEB | YO4CPO | W8QW |
| K1KQC | N1MIE | W4CU | | W9ZT |
| K1MDA | N4IR | W5TZX | 101 | WA1UZO |
| K1RY | N6GEE | W7DEG | A41MK | WA4RYW |
| K4ZMV | N8WXQ | W8FAX | A41ZZ | WB5HJV |
| K5WE | NK7L | W9HT | AA6E | WB9AIS |
| K7ADD | NP4AA | WA4IXW | DK7GH | WD4OHD |
| K7HV | R7LA | WB3EVL | DL1QQ | WJ5K |
| KD4BPZ | R9GM | WB8PKK | DL4KUG | WS4WW |
| KF5ER | W4BZM | WD8KRV | DL5JH | YO2ADQ |
| KF5TL | W4GKR | WW5RC | EC1AE | |
| KF6XA | W7HJ | ZS6CR | G8GNI | 100 |
| KH6CQH | WA2HIP | | IU4KET | 6K5XZE |
| M5LRO | WA2NBG | 102 | IZ3GJL | AA9D |
| N0JDK | WA3PAK | AA1SU | JA1KZP | AB8YZ |
| N2GSB | WB9M | AD4J | JE0EHE | AC0DH |
| N4MTT | WU1T | DB6VH | JE2VVN | AC0XY |
| N4MWY | YO6BHN | DH4RL | JF2UZW | AC8IL |
| N8TT | ZP9CTS | DU3GKT | JH3GBS | AC9DX |
| N9APK | | EA8AAH | JH9CEN | AE6RR |
| PY1KZ | 103 | F4FPR | JI1BHO | AL7GA* |
| SO5AS | AA8DC | G4LRG | JM6NVD | CT3EE* |
| UN7ZO | AB8OU | IU2LFP | K0FA | DG7YEO |
| VE7GEL | AC0WL | JA0BXP | K3JMH | DH9DX |
| W6KF | AG1T | JI8BRZ | K6DEX | EA3DNC |
| W9IE | C93PA | JJ1QJP | K7IA | EI5EV |
| W9JOY | DJ4LR | JP1KHY | K9IZT | EI6DTB |
| YB6LAY | DL6ZNG | JQ3JUK | K9ZG | EI9HQ |
| ZL1IM | DM5TI | K0OOK | KB4FB | EW4DX |
| ZS6AKU | G4NAQ | K4NLL | KC3MAL | F5JWH |
| | G8GFF | K5HX | KC3NIE | G0GFC |
| 104 | HI8S | K6XJ | KD4QMY | G8JUS |
| A71UN/P | HS1FVL | KA3CZY | KG4TEI | IK7NXU |
| AC7DX | IS0BZR | KB5RW | KJ8N | IS0HXK |
| AF6WU | IU0HXY | KC1UX | KN6HIP | IZ1XBB |
| AF7WM | JA5ALE | KI4SFT | KT7P | JG3LDD |
| AG5ND | JF1UOW | N0SFF | LA8FNA | JH6WMG |
| AJ9U | JG1LFF | N1KI | N4HUF | JJ1HHJ |
| AP2IA | JG5VFK | N4DIA | N4PHH | JJ1SZA |
| DS5KJR | JR1WCS | N4DOU | N7WRH | JK1CEK |
| EA1AA | K6JAV | N4QOG | N8OYY | JL1JJD |
| G4GEE | K9LC | N9ITB | N9ZJ | JQ6NNK |
| HB9CXK | KA8HDE | N9NBC | NM2D | K0PG |

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|---------|--------|
| K1PU | W4CG |
| K2ITT | W4ETB |
| K3TXW | W4MIG |
| K4DXT | W4MOS |
| K4KYN | W4VAB |
| K6BLG | W6WVW |
| K6DAV | W8BFT |
| K7RB | W8BZY |
| K8DTF | W9TVX |
| K8VE | WA2FAA |
| K9EA | WA2VJL |
| KB5YN | WA4GPM |
| KB7ZUT | WB0RXQ |
| KC5W | WB2VLM |
| KC8YG | WB2ZEX |
| KD1DT | WD5FCA |
| KE0QPG | WI0E |
| KE1AU | YB0KTT |
| KF5BA | YB1BUL |
| KK6MF | YB3LZ |
| KL7QW | YB8BRI |
| KW4SW | |
| LA6JKA | |
| LB7PJ | |
| N0JX | |
| N2EI | |
| N2QLT | |
| N3NVA | |
| N3VJ | |
| N4FKH | |
| N5LJL | |
| N5YJZ | |
| N6AKI | |
| N6GL | |
| N8ZFM | |
| N9VPV | |
| NJ9C | |
| NW2I | |
| NX6D | |
| OE7BJT | |
| PY1NS | |
| PY4OG | |
| R3LC | |
| SM6STI | |
| SP2BUW* | |
| SP5BMU | |
| SP9FWQ | |
| SV1EOS | |
| VE2ACP | |
| VE3GFN | |
| VE3NLS | |
| VK2IS | |
| VR2UNG | |
| W1AVK | |
| W2ECK | |
| W3JM | |
| W3TC | |