

## ARRL DXCC - 30 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 16 Jun 2025, 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 RTTY 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.

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>348</b> | G4BWP      | K3UA       | JA4LKB     | <b>338</b> | JA4FKX     |
| DF3CB      | JA1UQP     | N3SL       | JA7KY      | AA1V       | JE1SYN     |
| JA2VPO     | JA2KVD     | NN4T       | JF3KON     | AA7A       | JF1KKV     |
| JE2URF     | K4PI       | RZ3AM      | JQ3DUE     | DK5WL      | JF1WPB     |
| K2TQC      | N2TK       | SM6CCO     | JR7VHZ     | EA5BM      | JF2UPM     |
| K5UR       | N6AR       | SP8AJK     | K0EU       | F6BKI      | JJ2LPV     |
| OH1XX      | OH2BU      | UT5UGR     | LZ2DF      | G3RTE      | JL1UXH     |
| OZ1LO      | OZ1BTE     | W0BV       | N3XX       | HB9BZA     | JR3IIR     |
| SM3EVR     |            | W1MK       | N8DX       | IK4DRY     | K4XP       |
| SP5EWY     | <b>344</b> |            | OE5NNN     | IK5HHA     | K4ZYU      |
| W1NG       | GM3YTS     | <b>341</b> | OK1MP*     | IK6DLK     | K5KC       |
| W9ZR       | JA3FYC     | CT1EEB     | R3OK       | JA2JW      | OH1TV      |
|            | N4CC       | F6AOJ      | SM5CEU     | JA5EXW     | OZ1CTK     |
| <b>347</b> | SM3NRY     | IK4WMA     | SP3E       | JA8EAT     | SP8NR      |
| DJ9KG      | SM6CVX     | JA0UUA     | UT7QF      | J18DGO     | YO5BRZ     |
| G3KMA      | VA3DX      | J14POR     |            | K9NU       |            |
| JA1HGY     | W1YY       | K0IEA      | <b>339</b> | KV7K       | <b>336</b> |
| K4CIA      | W3UR       | K8SIX      | DL4MCF     | N4JF       | AG9S       |
| K8MFO      | W8UVZ      | N0XA       | F6DAY      | N5ZM       | DL1AMQ     |
| N4WW       | W9IXX      | OZ3PZ      | JA5IU      | N8JV       | G4OBK      |
| SM0AJU     |            | PA3FQA     | JA7MSQ     | OE3GCU     | HB9BIN     |
| W1JR       | <b>343</b> | PY2XB      | JG3QZN     | RA3CQ      | HB9DHK     |
| W4DR       | EA8AK      | R7LV       | JH2UVL     | SM6DHF     | JA1BK      |
|            | IK1WGX     | RU3FM      | JH4UYB     | SP6CIK     | JA2DPC     |
| <b>346</b> | JA5AUC     | SM5AQD     | JR3GWZ     | UA3AB      | JA5MHD     |
| 4X4DK      | K3FN       | SP3EPK     | K1ST       | UA6A       | JF7XKY     |
| HA0DU      | N4CH       | UA4HBW     | K5RK       | W2YC       | JH1TWT     |
| HA5WA      | PA0WRS     | VE3EJ      | N1DG       | WB6RSE     | J11DHY     |
| JA4DND     | PE5T       | VE3XN      | N6JV       |            | LA5HE      |
| JH4IFF     | SP2FAX     | W0DJC      | OK3GU      | <b>337</b> | LA5IIA     |
| K4DY       |            |            | R4GM       | EU7A       | N4MM       |
| K4MQG      | <b>342</b> | <b>340</b> | R5AJ       | G3XTT      | NO8D       |
| KF2O       | EA6NB      | DF3GY      | SM4EMO     | GM0GAV     | OE6IMD     |
| KJ9I       | G0JHC      | DJ2YA      | SM6DHU     | HB9AMO     | ON4CD      |
| SP5CJQ     | IK1GPG     | DL7MAE     | SP7GAQ     | HB9BGV     | SM3VAC     |
| W3YX       | JA2FBY     | EA6SX      | UA4CC      | I4AVG      | SM6CMU     |
|            | JA2JPA     | G3TXF      | W3LPL      | IK5PWQ     | WB9Z       |
| <b>345</b> | JH1GZE     | GM3POI     | WK3N       | IK8HJC     | WD5COV     |
| DJ6RX      | JR2KDN     | I4LCK      | YU1FW      | JA2XYO     |            |

|                                                                                                                                                                                                                                |                                                                                                                                                                                            |                                                                                                                                                                                                         |                                                                                                                                                                                                             |                                                                                                                                                                                              |                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>335</b><br>EI7BA<br>EY8MM<br>IK4DRR<br>JA0EOK<br>JA1EOD<br>JA2VQF<br>JH2FXK<br>K2FF<br>KD5M<br>N2LT<br>N4XM<br>NJ6P<br>R3VA<br>R7DX<br>SM4DDE<br>SP9DWT<br>UA6MF<br>W4DKS<br>W4PK<br>WI8A                                   | JA9APS<br>JH3CUL<br>K7NN<br>K8ZTT<br>N3NT<br>ON4IZ<br>PA7MM<br>SV1FJA<br>SV1RK<br>UR0MC<br>UT9FJ<br>VE2TZT<br>W5ZN                                                                         | <b>330</b><br>JA3EMU<br>JE7JDL<br>JJ3PRT<br>JR4OZR<br>K4QL<br>K5DU<br>K5EK<br>K8PT<br>ON4IQ<br>RA7A<br>RU3QR<br>RV3LO<br>SM5CZQ<br>W2IRT<br>W8OI<br>W9OP<br>W9RPM<br>YB5QZ<br>YO7LCB<br>YO9HP<br>YV1DIG | NI0G<br>OE1WEU<br>ON4AOI<br>PY4OY<br>SP6M                                                                                                                                                                   | JA4DLP<br>JH1IFS<br>JR7WFC<br>K3WC<br>LA8PT<br>N2NL<br>OE1ZL<br>UA4LY<br>UT2UB<br>VE3EXY<br>W1DIG<br>W1GL<br>W1RM<br>W7AO                                                                    | LA7AFA<br>MD0CCE<br>N5OK<br>NY0V<br>PY5HOT<br>RM0F<br>SP1MGM<br>SV1DPI<br>UX0FF<br>W0MHK<br>WX4G                                                                          |
| <b>334</b><br>DJ8NK<br>DL5DSM<br>G4PWA<br>I2XIP<br>I4EWH<br>IV3JVJ<br>JA0GJJ<br>JA1XEC<br>JA8BNP<br>JF1PUW<br>JH4ADV<br>JH8RZJ<br>K6FG<br>N0AT<br>N9IW<br>NR1R<br>SL0ZG<br>SM5KNV<br>SP1S<br>UX1UA<br>UY5ZZ<br>VA5DX<br>WA4FFW | <b>332</b><br>AA6YQ<br>CT1IUA<br>DK2NG<br>IK4GME<br>JA1ADN<br>JA3PIS<br>JA5AQC<br>JA6BZI<br>JA7JWF<br>JA8RJE<br>K1AR<br>K4MWB<br>K4XO<br>N7RT<br>PY2SP<br>SP5DIR                           | <b>329</b><br>G0DQS<br>GM3PPE<br>HB9HFN<br>JA2BDR<br>K2UU<br>K4UTE<br>K9EU<br>N5AW<br>NI6T<br>PY2BW<br>PY5EG<br>SP2BMX<br>W1TSP<br>W2LO                                                                 | <b>327</b><br>DF2UU<br>DL6KR<br>E72A<br>EA5RM<br>IK2YCW<br>IK4BHO<br>JG3LGD<br>JH1NYM<br>KX4R<br>N8RR<br>OH5VT<br>SM3NXS<br>SP6HEQ<br>W4UM<br>WA2VYA<br>WA7NB                                               | <b>324</b><br>DM5EE<br>HB9DDO<br>JA2CXF<br>JA2EPW<br>JA2ZL<br>JH1EEB<br>K1HTV<br>K4HB<br>KW9A<br>N4QS<br>N5XZ<br>OZ1AXG<br>RA3QK<br>RN3QN<br>US5WE<br>UY5AA<br>W3LL<br>W7DO<br>W8GC<br>YU3AA | <b>322</b><br>JA1JAT<br>JA2IVK<br>JF2XGF<br>JM1FHL<br>JR1BAS<br>K2UO<br>K3WA<br>K5AQ<br>K8EUR<br>LA5LJA<br>N8BM*<br>OE3EVA<br>SP9JZU<br>UA3AGW<br>VE1DX<br>W3KX<br>W7MO   |
| <b>333</b><br>AD5A<br>CT1APE<br>DF4PL<br>F6EXV<br>G4CCZ                                                                                                                                                                        | <b>331</b><br>JA1ANR<br>JA1SJV<br>JE2LUN<br>JR3OEH<br>K7ZA<br>N5UR<br>OE2LCM<br>OE6MDF<br>OH1MA<br>OH2BLD<br>OZ4O<br>PY2YP<br>RW3RN<br>S54E<br>SV8CS<br>UA3DPM<br>UT7UJ<br>W5OZI<br>YO3APJ | <b>328</b><br>DJ5AV<br>DK5AD<br>DL2OE<br>F2JD<br>JA1SYY<br>JH4JNG<br>JJ3HGJ<br>JO7WXN<br>K9CT<br>K9IR<br>K9MM<br>N4NX<br>N9US                                                                           | <b>326</b><br>JA0NPQ<br>JA2FJP<br>JH0INP<br>JH1RFR<br>JR1BLX<br>JS2LHI<br>K4SO<br>K5BG<br>K6AM<br>R8TX<br>R9FM<br>SM6BZV<br>SP1JRF<br>SP3CGK<br>SP7VC<br>UA3AP<br>VE1YX<br>VE3FF<br>W3NO<br>W6RLL<br>WA5VGI | <b>323</b><br>AC4G<br>AD1C<br>DJ4AX<br>DL4CF<br>EA3GP<br>HL3IUA<br>I0WDX<br>I3BUI<br>JA2JNA<br>JH3VNC<br>JI2KXK<br>K4CN<br>K4IQJ<br>K7ZV<br>LA5YJ                                            | <b>321</b><br>AB6QM<br>DK1FW<br>EA1N<br>EA5BY<br>I2EOW<br>I4MKN<br>JA7LGE<br>JF8QNF<br>K0KX<br>K1OA<br>K2RW<br>N5DG<br>N9AU*<br>OH1LEU<br>PY2XU<br>VE3LYC<br>W4FC<br>W9RN |
|                                                                                                                                                                                                                                |                                                                                                                                                                                            |                                                                                                                                                                                                         | <b>325</b><br>AA5AM<br>DJ9HX<br>EA4KD<br>F5CQ<br>IZ0AEG                                                                                                                                                     |                                                                                                                                                                                              | <b>320</b><br>AA1QD                                                                                                                                                       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| AA5AU      | <b>318</b> | JA5BEN     | KG8P       | PY7DJ      | JA9GLW     |
| DL1DUO     | DJ4PI      | JA5XAE     | LA3WAA     | R0FA       | JA9TWN     |
| EA2IA      | HA1RB      | JA6VQA     | NN4R       | S55DX      | JH3FUK     |
| EW2A       | HB9SLO     | JA9FAI     | RA1QD      | SV1CNS     | JK1BSM     |
| FK8CP      | JA2WYN     | K2VV       | UA9FAR     | W5TCX      | JK1EXO     |
| HA9PP      | JG1WSC     | K5MC       | W1ECT      |            | JR7FRW     |
| JA0CRI     | JN1BMX     | K5WAF      | W6XK       | <b>311</b> | K2PK       |
| JA1SVP     | K2SHZ      | K6KLY      |            | DJ9ZB      | K9MK       |
| JA3GN      | K9US       | KC9ARR     | <b>313</b> | E73Y       | N7XR       |
| JA4EPE     | KG4W       | LA9AJA     | AA1ON      | EI6FR      | N8PW       |
| JA7QVI     | N1NK       | N8TR       | AI9L       | JA1KQX     | R9TO       |
| JL1RUC     | N4PQX      | OE1AZS     | DL1KUR     | JA2ATE     | RA9CMO     |
| JR2UBS     | NK1K       | OE3SGU     | E72U       | JA7BWT     | RU3DX      |
| K3RA       | NS6C       | PY5EW      | EA8AKN     | JA9GPG     | UN7TW      |
| K4HGX      | OE5RLM     | SV1JG      | IK4PLW     | K0JUH      | VU2NKS     |
| K6XT       | OE8RT      | WA1JMP     | IK8YTA     | K8FL       | W4QN       |
| K7XB       | RX3AGD     |            | IZ2AMW     | K8VFX      | W6SR       |
| KQ8M       | UN6T       | <b>315</b> | JA4MRL     | LU3CQ      | WE7K       |
| N4II       | W5FKX      | 9H1SP      | JE8CLT     | R9SA       |            |
| N7RO       | W5XX       | AA4R       | JN1RQV     | UR5EDX     | <b>308</b> |
| R7NW       | W6VX       | AA5AT      | K3PA       | W2QO       | IK0XBX     |
| SM5FUG     | W9MU       | AB3CV      | K4JJW      | W6SZN      | JA1LSP     |
| W1YM       | XE2CQ      | EC3A       | K6ND       | WN6W       | JA6WJL     |
| W5BPT      |            | JA0DET     | K8YTO      |            | JE6TSP     |
|            | <b>317</b> | JA5WIZ     | K9YY       | <b>310</b> | JH3GCN     |
| <b>319</b> | 9A2F       | JG3SKK     | KA9CFD     | AB9V       | N5GH       |
| AA4V       | DL5WW      | JH7RXU     | MM0EAX     | DL2CHN     | N7US       |
| DF2RG      | G0OIL      | JS3CTQ     | N7IR       | DL7BA      | SM4AZQ     |
| DJ5FI      | I1EIS      | K5XI       | RK4FD      | DL9TJ      | SP7ITB     |
| DL6CNG     | IW1ARB     | K9RX       | W2LK       | HB9RG      | W9ILY      |
| F6FXU      | JA1WSK     | K9ZO       | W6RS       | IZ5EKV     |            |
| G3LZQ      | JA2TBS     | LA7JO      | W9AJ       | JA1XCZ     | <b>307</b> |
| HK3W       | JA9CWJ     | N5TY*      | WB5JID     | JA2AH      | 5B4MF      |
| JA1GRM     | JJ1DWT     | PA3EWP     | ZL2IFB     | JE1DXC     | DJ4XA      |
| JG8FWH     | JR2LJO     | VK3HJ      | ZS6EZ      | JF2WGN     | IK5CBE     |
| K1LD       | KC7V       | W6XA       |            | JH4ALY     | JA9NFO     |
| K2TE       | KW4MM      | W8DCH      | <b>312</b> | K5ZK       | JE1LFX     |
| K6YUI      | N4DB       | WB8BPU     | DK9KX      | K8GG       | JG3FEA     |
| KF0QR      | R6AF       | WT8C       | DL4SZB     | N0RR       | JH4HMG     |
| KG7H       | RA0FF      |            | EA1YO      | N4TL       | JR1DUP     |
| KZ4V       | SM2OAN     | <b>314</b> | G5LP       | S57AT      | K8NVR      |
| LA7HJA     | UA6YW      | AA4HP      | IK0PEA     | SM6CUK     | LB2TB      |
| NE1B       | W7OM       | AA8CH      | JA2NDQ     | UA3TT      | LU8EKC     |
| PA5TT      | WB4TDH     | AB4IQ      | JA3AZD     | W5AJ       | PA7RA      |
| RL3FA      |            | CT4NH      | JA4ITW     | W8AV       | PY2NQ      |
| SP3IBS     | <b>316</b> | DJ6TF      | JE2EHP     | ZS1LS      | RW4NN      |
| SP7HOV     | EA7TV      | EI9JF      | JE2LPC     |            | RX4HZ      |
| UN7JX      | HB0CC      | GM3YOR     | JG4AKL     | <b>309</b> | SV1GYG     |
| UR5IKN     | IK2QPR     | I1FQH      | JH1HHC     | AJ6T       | W5ODD      |
| UR5WA      | IZ1LBG     | IU7QBB     | K0KVR      | DL5EBE     | W5VY       |
| W5XC       | JA0DIN     | IZ8FFA     | K8GI       | G4XRV      | W7AL       |
| W7CT       | JA1FQI     | JA1IOA     | LA2QM      | HL2IFR     | W8HC       |
| W8HW       | JA1IZZ     | JA2VMU     | PY2KP      | IK5MDF     | WB9EEE     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>306</b> | DL1HRN     | <b>300</b> | IZ8DFO     | K3NK       | HB9TKS     |
| A45XR      | F5LVL      | AD5Q       | IZ8VYU     | K4XD       | JA9IFF     |
| DL6JZ      | IT9DAA     | G0EHO      | JA6TMU     | K8RRT      | JH4GJR     |
| EA6VQ      | JE2DZC     | IZ8FWN     | JH1BNC     | KS1J       | K2KA       |
| EV1R       | JG0CQK     | JA1DDZ     | K5UO       | N3RC       | K3FRK      |
| F5PAC      | JH0BQX     | JA1FGB     | LA2PA      | W1YW       | KA8ZPE     |
| G0BLB      | K5PS       | JA1NWD     | SK3PY      | W4WM       | OE2BZL     |
| JA9NLE     | K8AC       | JA3ENN     | VE6LB      | W7CA       | W3RJW      |
| JH8GEU     | NU8Z       | JA8BAR     | WA6F       | YO2CMI     | W4VIC      |
| KF7PG      | SP8HKT     | JE3ENP     |            |            | W6PJ       |
| KN5O       | W5LT       | JK1UNZ     | <b>296</b> | <b>293</b> | <b>289</b> |
| N4AH       |            | K1DT       | DF2GH      | EA5KA      | 5B4AHJ     |
| N4JQQ      | <b>303</b> | K1GG       | EI2GLB     | IW0HQE     | DJ5JH      |
| RN3OG      | DK8MCT     | KB0EO      | I6FLD      | IZ5RVG     | DK2JX      |
| SM0CCM     | DM2DXA     | KU0A       | IZ3ENH     | JG1OGM     | HB9DDZ     |
| UW2ZM      | JA2VHO     | LA3MHA     | JR1WCT     | JH9AUB     | IZ5BAM     |
| W1SKU      | JA7IC      | PE1L       | JR9LKE     | NW7E       | JA8DNV     |
| W2JU       | JA8EJO     | SM6CTQ     | K4CMS      | OE8SPW     | JH1BAM     |
| W6ENZ      | JA8ZO      | VE3BW      | KD0PO      | ON6AA      | JN3SAC     |
| W6YI       | JJ1SKG     | W8TN       | N1EN       | PY2IQ      | KA8SYV     |
| W7BEM      | K5WK       | WB9CIF     | N4QQ       | RA5BM      | N7BT       |
| WE9R       | KB1JZU     | ZS4TX      | N5LZ       | SK7AX      | NA5DX      |
| YO2RR      | LZ2JE      |            | NA5C       | W3JX       | OE1WHC     |
|            | ND0N       | <b>299</b> | NV9L       |            | WO2T       |
| <b>305</b> |            | G4GIR      | OE5FIN     | <b>292</b> | YB1UUN     |
| A65BR      | <b>302</b> | HL2WA      | W2AY       | CT1DKS     |            |
| CT1FMX     | AD6W       | IZ0RVI     | W7ZJ       | HP2AT      | <b>288</b> |
| CT1GFK     | IV3YYK     | IZ8XQC     | WA1S       | JF1LZQ     | DL9FCY     |
| DL5CW      | IZ5JMZ     | JA1BPA     | WB0TEV     | KI0KB      | HL4CJG     |
| F3SG       | JA2FGL     | JK1GOK     | ZS6WB      | KI4DLS     | K0BBC      |
| F4BKV      | JA9FPI     | K0KT       |            | N5ZC       | K5RT       |
| HA7TM      | JL1OEC     | K7EG       | <b>295</b> | WA9PIE     | LA9FFA     |
| I4KDJ      | JR6FC      | N1IBM      | G3VPW      |            | ON4CAS     |
| JA2XW      | K6FW       | N6RV       | HB9IQB     | <b>291</b> | VE3EK      |
| K4SE       | K9FN       | UA3ECJ     | JA2QXP     | 4Z4DX      |            |
| K6SIK      | LB8DC      | UT7UV      | JE1BMJ     | HK1MW      | <b>287</b> |
| K9NW       | N4RWG      | W7YAAQ     | JH1OBS     | HL3GOB     | 9K2OD      |
| KP2A       | WO7R       | ZL1BYZ     | JR8AMF     | JA0DWY     | CT1FCX     |
| LA9VFA     |            |            | KB8VAO     | JA1RTX     | DL1TRK     |
| N2TN       | <b>301</b> | <b>298</b> | LB6KC      | JA5SUD     | EU1KY      |
| N4DW       | EA3WD      | CU2DX      | N2BJ       | JP1IOF     | G3KWK      |
| N7TY       | HB9CEX     | G3VKW      | N5ORT      | K7UA       | HS1NGR     |
| N8DJX      | JA2XCR     | HA5VZ      | ON5UE      | K7ZD       | IZ3ETU     |
| W2GG       | JR6LLN     | IK0HFO     | SM7CQY     | KA7T       | JA7QFU     |
| W4GF       | K3WW       | JL2PQV     | UN7LZ      | N8OC       | JA7ZP      |
| W5ADD      | KM4H       | K1USA      |            | W4FQT      | JE1PNX     |
| WP4U       | N9FN       | K4EM       | <b>294</b> | W4HG       | K2AZ       |
| XE1KK      | SV3DCX     | SV2AEL     | HB9LCW     | W6RW       | K5VIP      |
|            | W6NWS      | UA0BA      | IK2DJV     | YS1RR      | K8ROX      |
| <b>304</b> | W6TC       | ZS2DL      | JE2OVG     |            | K8WK       |
| 7K1PTT     | ZL3JT      |            | JK1TCV     | <b>290</b> | OZ1LCG     |
| 9A4T       |            | <b>297</b> | K1ESE      | CU2AP      | RQ3A       |
| DK3WW      |            | AA8OY      | K2LS       | DF2IS      |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| SP5IWA     | <b>283</b> | W1YIF      | W0LS       | K8FH       | JA8FFM     |
| SP6EIY     | AF9H       |            | W0VX       | KS4S       | JH1AGU     |
| SV1IW      | IK4AUY     | <b>280</b> | W1VT       | W9FI       | JM2RUV     |
|            | IK8EPC     | CT1EAV     | WA0I       | WB2GAI     | K9JF       |
| <b>286</b> | JA4VLK     | CT1FPQ     |            |            | KD2T       |
| EW1KP      | JA7LMZ     | EA3CJ      | <b>277</b> | <b>273</b> | KD3CQ      |
| G3WPH      | JA8EOT     | I5HOR      | F3AT       | 7M4AOE     | N4LR       |
| HA7UW      | JH4ADK     | IV3GOW     | HB9BAT     | DM1TT      | PA3CSR     |
| IK2OVC     | JK1OPL     | JF1NZW     | HB9RYZ     | HL3DE      | SM5CLE     |
| JA0AOO     | JR4LNG     | JF6XQJ     | HL3AMO     | JA1MZL     | W7QDM      |
| JA1VLK     | K1BD       | JL1XMN     | JA3RQ      | JA3FHL     | W9OO       |
| JH1RGG     | K4ZO       | K8OM       | KU4XO      | JA8UIV     | YL2KF      |
| K8QM       | N5UL       | KI5BLU     | N6PSE      | JE2EBT     | ZL4AS      |
| KM1D       | PC3T       | N9RS       | N7KA       | JM1SZY     |            |
| PY2VA      | SM6BGG     | NF1G       | W1OPD      | K4JAF      | <b>270</b> |
| SM0NJO     | W3OA       | W1BR       | W2NO       | K5FZ       | AA6AA      |
| W8JRK      | WO2N       | W2OO       | W8RLS      | KB1EFS     | JA1SKE     |
| W8MET      |            | W4OX       |            |            | JA2IYJ     |
| WA3C       | <b>282</b> | W5ZG       | <b>276</b> | <b>272</b> | JA3KNN     |
| ZL4TT      | G3SVD      |            | DS5TOS     | CT1BWU     | JH6DUL     |
|            | HB9DHG     | <b>279</b> | GM0AXY     | DL7UPN     | K4FJ       |
| <b>285</b> | IK0HBN     | AA7G       | HB9BUN     | F5PBM      | K8CW       |
| 9A1AD      | IK5RUN     | EA7SG      | IT9CVO     | G8DX       | OH1JP      |
| DL4CW      | JF1RYU     | IW0SAF     | JA0LFV     | HB9DOT     | OZ7FOC     |
| DS1JFY     | JJ1QUV     | JA2JRG     | K1RO       | I0OSI      | W2GW       |
| I5CRL      | JR3UIC     | JF0JYR     | K9OW       | JA3EOP     | W3GQ       |
| IK0AGU     | K0GY       | JF1LMB     | LY1G       | JA6GIJ     | W4BP       |
| JF1IRW     | K1LPS      | JH0OXS     | N5KM       | JE2UFF     |            |
| JH1DGQ     | K4MS       | JH8NBJ     | SV1VS      | J11CQA     | <b>269</b> |
| K7WP       | K6EME      | JP1NWZ     | W8MHW      | JJ2WOC     | AA9A       |
| N9ISN      | K9OR       | K0VSH      | WA4LOX     | JM1VRW     | F6ECI      |
| NN4SS      | KD0Q       | K4VIG      | WF2S       | K0KG       | IV3TMM     |
| VE3VHB     | N6MZ       | K5VWW      |            | K9SM       | JA0LXP     |
| W5CIA      | SM7IUN     | LA0FA      |            | N6HY       | JA8XQI     |
|            | W1ZT       | N6IE       | <b>275</b> | N8KOL      | JH1VUO     |
| <b>284</b> | W8KEN      | OH2IS      | 4Z5LX      | NA9RB      | JN7DOS     |
| EA6ET      | W9PZT      | PY2DS      | 9A4W       | NN4X       | KA1ERL     |
| IV3KFB     |            | W0TT       | DS5ACV     | PY2MC      | KJ7TEA     |
| IZ8FDH     | <b>281</b> | W5SL       | EA1AF      | SM4CTI     | N3QE       |
| JA3BXF     | HB9CQK     |            | JA5NPV     | SM7NDX     | N3VA       |
| JA9AGN     | IZ4MJP     | <b>278</b> | JE2VLG     | SP6JIU     | VE6AX      |
| JH7BKN     | JA2FBC     | AA4SC      | J11NJC     | SV9AHZ     | W3BW       |
| K3UL       | JA3XNH     | AB5A       | JR7GBL     | UA0FO      | W5PF       |
| K6PJ       | JF3LOP     | EW1BA      | K0JY       | W2TB       | WL7E       |
| N0RB       | JF3PNQ     | IK4ADE     | N2JJ       | WA5LFD     |            |
| N2LM       | JH1ACA     | JE8TGI     | N6HC       |            | <b>268</b> |
| NQ1K       | K0BJ       | JH1QAX     | N7QT       |            | F5UJK      |
| SM4BZH     | KG6I       | K2UR       | VU2PTT     | <b>271</b> | FG5FR      |
| W1LW       | OH1ZK      | K6RO       | W4WT       | BH4QYX     | IZ8IEV     |
| W8LGJ      | RW7M       | K8TL       |            | DJ9ON      | JA7GYP     |
| WD4LBR     | SM5AOG     | LB5WB      | <b>274</b> | G3NDC      | K0TT       |
| WS9V       | SV2DGH     | NX0I       | JA1CZI     | HB9BYQ     | K8BL       |
|            | VK3BDX     | SM5CBM     | JA5BGA     | IW0HOU     | K8DV       |
|            |            |            | K1UU       | JA1DM      |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K9ZM       | W7MEM      | KI4GE      | JA1KPH     | K1KA       | YB0DJ      |
| N0ABA      |            | NT5V       | JH1SOD     | KB2FCV     | YL2TW      |
| UA3O       | <b>264</b> | S55ZZ      | JH1WJR     | KG9Z       |            |
| W3ABT      | AA8LL      | VK3NX      | JH3SIF     | OM8FR      | <b>251</b> |
| W3AP       | AB5C       | VK3TC      | K9MBQ      | W0SZ       | 4Z1UF      |
| W4MAY      | I5OYY      | W6BJH      | KE1F       | W2OR       | AE5E       |
| WA4JQS     | IK2PZC     | W9JJB      | KH2L       | W8FIB      | CT3HF      |
| XE2X       | JH1SJN     |            | KR4F       | YB0COU     | IK2RPE     |
|            | JH2PWY     | <b>260</b> | N1RR       |            | IW3GJF     |
| <b>267</b> | K3VAT      | AA8R       | PY2FN      | <b>254</b> | IZ8GGF     |
| CT3MD      | RM3DA      | DS4AOW     | W5ZPA      | CT1BH      | JE2RDO     |
| DK2GZ      | W1SSN      | DS5DNO     | W8IQ       | EA5CRC     | JR7MAZ     |
| EA3GHZ     | W5DAW      | EU1U       | WA0MHJ     | IK5BOH/2   | KT2C       |
| IK0LNN     | W9YE       | G4IUF      | WA4CEM     | JH0AWC     | RA3QUA     |
| KL0S       | XE1MEX     | I0JBL      |            | JH6PFY     | RN3CT      |
| N4UOZ      |            | JA3NHL     | <b>257</b> | K7LJ       | SA0AQT     |
| OM4EX      | <b>263</b> | JA4HAW     | CT1FUH     | KH6M       | W6TMD      |
| VK5GR      | F9XL       | JA4ZA      | EA8AXT     | KJ6NZ      | W8LMG      |
| WA0RVK     | HB9CXZ     | JM1GHT     | JA6BEE     | KK2M       |            |
|            | HB9JOE     | JP7FSO     | JF2VAX     | LU5FF      | <b>250</b> |
| <b>266</b> | JA3WLN     | K0TPP      | KY6R       | SV1HEP     | AA4U       |
| HB9DVZ     | JA9AA      | K4JC       | KZ5DX      | W5QM       | AC9EM      |
| JA1FJJ     | JN1NBU     | N4XP       | N4GN       |            | G3UAS      |
| JH0RVY     | JO4CFV     | N7ELL      | N8SNM      | <b>253</b> | JH1IAQ     |
| JH1APK     | K1CA       | NI5F       | NJ3K       | 4F2KWT     | JH5HDA     |
| JH1IED     | K2XF       | NK0S       | W0RX       | DJ4GJ      | K4WNW      |
| JH8KFE     | K3SEW      | W2XI       | W6DR       | F5JSD      | N4JT       |
| JL2JVX     | KF2DT      | W5GAI      | WA2NPD     | JA1HOM     | PA7TWO     |
| KB6CIO     | KQ4AV      | W8OP       | WB8K       | JH0NOS     | RU0SN      |
| LA8HGA     | N1SV       | W9BEA      | YB2TX      | JH1DGJ     | W2JLK      |
| N2WB       | N6PM       |            |            | K1KO       | W4AG       |
| NA5Q       | NZ3O       | <b>259</b> | <b>256</b> | K2NV       | WA3F       |
| SM3LGO     | UN3GX      | G8AJM      | HK4SAN     | K6BV       |            |
| SV1FJP     | W8WEJ      | JH1ERJ     | IV3VBM     | K9YC       | <b>249</b> |
| W2OIB      | ZS2EZ      | JH1NYN     | JJ1BMB     | N4PJ       | 9M6YBG     |
|            |            | K1NTR      | LA6UL      | SM7BHH     | AG1A       |
| <b>265</b> | <b>262</b> | K3XA       | N0RN       | VE3CRG     | DK3UA      |
| DJ9RR      | DK1WB      | K5FNQ      | N4TJ       | W0FLS      | HL4GAV     |
| DL1SMA     | DL6XK      | N4ENE      | N4TV       | W4IS       | K4KGG      |
| F6DBX      | JA1OVF     | N5JB       | N9RD       | W7IB       | K4ST       |
| HL2KV      | JA8CJY     | N8LJ       | OH4UI      |            | K5DHY      |
| JA2FSM     | K3EA       | NK4L       | SV1ACK     | <b>252</b> | K9NR       |
| JA3QOS     | N6UK       | PA0JSE     | UN9L       | AB4UF      | KJ7M       |
| K2UFM      | SV9COL     | RA4P       | UR3EO      | JA1EMQ     | KK0M       |
| KJ6P       | WA3AFS     | UT7KF      | W0HBH      | JA6GPR     | N8HRZ      |
| N2NS       | WB8ZRL     | W0IZ       | W5GZ       | JR1MLU     | ON6YH      |
| N4HB       |            | W2WG       | W5ZO       | K5CD       | PY2GG      |
| N5MOA      | <b>261</b> |            |            | K9TF       | SM7GIB     |
| N9BX       | DF7EE      | <b>258</b> | <b>255</b> | KD6UO      | W0JM       |
| N9JV       | HL2CFY     | AI6Z       | CT3KN      | N8NN       | W7AH       |
| US0YA      | I2VGW      | EI9FBB     | DS3HWS     | VE3CFK     | W7CD       |
| W1KSZ      | JA7HRM     | HL2EIZ     | IK1IYU     | W4UCK      | W8UN       |
| W5JAY      | K8UT       | IK3SWB     | K0GD       | WA6JA      | WD0DAN     |

|                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>248</b><br>EA2AFV<br>IZ2EWR<br>JA1IAZ<br>JH1SBE<br>K2SN<br>K4PB<br>LU4FPZ<br>N4PYI<br>N9UA<br>SP6A<br>VE1JBC<br>W2KA<br>WB8ART | W4GE<br>WB8CQV<br>WW3S<br><br><b>244</b><br>DJ3XG<br>DM2RM<br>IK2RZP<br>K1DJ<br>K2HAT<br>K8ME<br>LA7QI<br>RT5A<br>W2/CT1GIF<br>W5VQ<br>W7IU<br>W8IW<br>W8MJ<br><br><b>243</b><br>GU0SUP<br>JA0KJD<br>JA1XPQ<br>JE1VTZ<br>JF2OZH<br>JR0QFA<br>K6ZP<br>LA6OP<br>LB7ZG<br>N2ZA<br>OE2GEN<br>PZ5RA<br>SM2GCQ<br>W7LGG<br>W8UV<br>WD9DZV<br><br><b>242</b><br>AA0MZ<br>BA4MY<br>DK3PZ<br>FG4NO<br>JA3MHA<br>JG1SWM<br>K0DD<br>K6MKF<br>K8AJS<br>N1CGP<br>N4HID<br>N4OA<br>N6PEQ<br>OH7TV<br>WA3I | WA9GON<br>XE1H<br><br><b>241</b><br>9A5F<br>EA5GPQ<br>IK7FPV<br>JA0MRW<br>JK1VXE<br>JP1LRT<br>K4OY<br>N4TOL<br>N9XX<br>PY2WC<br>W8BBQ<br>WP4EJH<br><br><b>240</b><br>AB0CT<br>CU3EQ<br>DL2RTL<br>HB9DQV<br>IK8VRH<br>JE1HRC<br>K4WM<br>K4YYL<br>K8NK<br>KR0P<br>KS3F<br>LA2GH<br>NA2M*<br>RN9N<br>VE7BV<br>WI8R<br><br><b>239</b><br>AA3LX<br>AF4HX<br>DL2RUM<br>JH8MZF<br>KC6X<br>KW4V<br>NA4EA<br>ND4X<br>NU4I<br>VU2CPL<br>W4GIW<br>W9DX<br>WC3W<br><br><b>238</b><br>HB9EFK<br>IK8GJR | JG3RWX<br>JH7WQX<br>KN4PPD<br>KQ3F<br>N2DPF<br>N7WO<br>W2LE<br>W3BNN<br>W5DNT<br>W6YOO<br>W7HPW<br>WA6G<br><br><b>237</b><br>6K5YIA<br>EA3EQT<br>FG8OJ<br>GW4BKG<br>IK2DZN<br>JA1QXC<br>K1RV<br>K2RU<br>K8EAB<br>NH6T/W4<br>OZ1IKY<br>W5DM<br>WB3JFS<br><br><b>236</b><br>E21EIC<br>G4PUQ<br>HI8R<br>IZ0NRG<br>JA0PE<br>JA6CBG<br>K4KAY<br>K4RG<br>K9GWH<br>KE1VT<br>KE4UW<br>KT1J<br>N4AL<br>NA2AA<br>NA9Q<br>ON6KE<br>RC2A<br>SM5ARL<br>SM5FWW<br>W1EQ<br><br><b>235</b><br>CT1DOF<br>DK2CC | EC1A<br>IZ5MOQ<br>JA1OVD<br>JA4DHN<br>JE3EDJ<br>K4YJ<br>K9JU<br>KF9UG<br>LA2XPA<br>N1BZ<br>N6KZ<br>NJ7G<br>OZ0J<br>S51NM<br>S54A<br>W6AEA<br>WA3WZR<br>WQ6Q<br>WV9L<br><br><b>234</b><br>I8MTQ<br>JJ1KZZ<br>JK1AJX<br>JR1VAY<br>K1NJ<br>K2FW<br>K5IB<br>KC6JAM<br>KL7TC<br>NE3F<br>VK6OZ<br>W1WC<br>W5PJR<br>W5RF<br>W6AER<br>WV6E<br><br><b>233</b><br>AE0P<br>AL7TC<br>EI6IZ<br>EW1P<br>HB9IIO<br>JI6IHG<br>K0CS<br>KI1U<br>N9JR<br>ON4ATW<br>W8GNM<br><br><b>232</b><br>7K3QPL | I8LWL<br>JA7KE<br>JO4JDU<br>K4HQB<br>KX4TT<br>N7WS<br>SP6AXW<br>W0GG<br>W9HBH<br>WB2BIN<br>XE1RBV<br><br><b>231</b><br>AF5CC<br>DH0GSU<br>DH2PC<br>EI3IO<br>JA8WGX<br>JA9RT<br>JH1FVE<br>JH4CBM<br>K2CBI<br>K3OX<br>K4MF<br>KR6C<br>SP1DSZ<br>SP7ICE<br>W2PP<br>W3FOX<br>W9JA<br>W9MO<br>WD8PKF<br>WK8A<br>WS5W<br><br><b>230</b><br>EA5BRE<br>IK2ANI<br>JA2NNF<br>JH1OGT<br>JR5JAQ<br>K1BZ<br>K1LT<br>K9ALP<br>N4IQ<br>OH3OJ<br>TA1CM<br>TZ4AM<br>WA2USA<br>WA4DOU<br>WB0O<br>ZS6NJ |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                  |                                                                                                                                                                                         |                                                                                                                                                  |                                                                                                                                                                    |                                                                                                                                                                     |                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>229</b><br>AA9GR<br>DK8IZ<br>I0MWI<br>JA3UNA<br>JA7MNF<br>JI3CJP<br>JK7LXU<br>K7LV<br>N6PAT<br>OH8NW<br>RD3BD<br>VK4CAG<br>W1OP<br>W6DE<br>W7HR               | N4SC<br>N9KW<br>SM5CZK<br>UA0FDX<br>VE3YF<br>W3SB<br>W7SX<br>WV4TN<br>WV8DX                                                                                                             | K1FEV<br>K4ZRJ<br>KK9H<br>SP5MXZ<br>SV1CQN<br>W4SK<br>WO5I<br>ZS1A                                                                               | W5RYA<br>WB2KSK                                                                                                                                                    | JH1UBK<br>K4JKB<br>K6EID<br>W6RKC<br>W8HMK<br>WB2FUV                                                                                                                | <b>212</b><br>AA9RR<br>JH2VVH<br>JH7IQQ<br>K3JM<br>N6NU<br>N8NA<br>N9SF<br>W5JMW<br>W5LO<br>WA1PMA<br>YV5LI<br>ZL3PAH                |
| <b>228</b><br>AB4SF<br>JH1RVQ<br>K1RH<br>K3NQ<br>PY5CC<br>UX5UO<br>W1TO                                                                                          | <b>225</b><br>4X4MF<br>AJ8B<br>IK0CHU<br>IZ2FOS<br>JA1QIW<br>K0THN<br>KK4OK<br>N0KV<br>N5BO<br>SV3AQR<br>W9YSX<br>WA9BZW<br>WE4S<br>WN6K<br>ZS6UT                                       | <b>222</b><br>HL5BMX<br>I8YAV<br>JH8UQJ<br>KG4CUY<br>KJ4R<br>N2SQW<br>N4HN<br>N6WT<br>W8CD<br>WE1P<br>WV2I<br>WW8RT                              | <b>219</b><br>AC4VM<br>CT1BWW<br>G0VXE<br>K4VNY<br>K5JZ<br>K6TAR<br>K6UNE<br>KF6HI<br>KR2Q<br>MU0FAL<br>N4PL<br>N5ET<br>SV1FKZ                                     | <b>215</b><br>HA5CW<br>JR1CAD<br>K0HD<br>K6UM<br>K7LAZ<br>K9GA<br>LZ2ZG<br>ND3L<br>W1XV<br>W3BJ<br>W6KK<br>W7IV                                                     | <b>211</b><br>AA8SW<br>DL5MHQ<br>K2EK<br>K4WES<br>KQ4EE<br>KV4T<br>KX2A<br>N6OJ<br>NF4A<br>W3FI<br>W8QZA/QRP<br>WB8B<br>WF8R<br>WI7P |
| <b>227</b><br>EA1RT<br>HA5PT<br>IZ7AUH<br>IZ8MBW<br>JA1JYE<br>JE1PHH<br>JO1LVZ<br>JQ1YIW<br>JR1EFG<br>K3WWT<br>N1JP<br>PP1CZ<br>W4ABW<br>W4RDX<br>WA8MCD<br>WB7B | <b>224</b><br>HC1BI<br>IK2UWA<br>IS0AFM<br>JA1NLX<br>K0GW<br>K4WFM<br>K8QKY<br>KV1E<br>N2NW<br>N3KV<br>N7DED<br>NU1O<br>SM0MPV<br>W2NRA<br>W6SFK<br>WA3FRP<br>WA3GNW<br>YB1AR<br>YO9FNP | <b>221</b><br>DK7YY<br>IZ0GYP<br>JM1ESG<br>K0AZ<br>KA4RRU<br>N7NG<br>PA0ZH<br>PP7LL<br>SM3PHM<br>SM5BMB<br>VR2CH<br>YO2DFA                       | <b>218</b><br>EA1JO<br>IK3DVY<br>IK8UHA<br>IT9AAI<br>K1JIU<br>K2BA<br>K7UT<br>KI4WCQ<br>NV4B<br>WA5NFC<br>WQ5R                                                     | <b>214</b><br>DF2UA<br>DK5RL<br>IK1UGX<br>JA2ITK<br>JA7JPZ<br>JR3ADB<br>KM4HQE<br>N6DX<br>W6SL<br>W8CZN<br>WY6N                                                     | <b>210</b><br>F6HLC<br>JE2KSM<br>K1ZJA<br>K5VR<br>KF7F<br>NO0B<br>VK2AAH<br>VK3FM<br>VU2LBW                                          |
| <b>226</b><br>9K2GS<br>DL4NBE<br>DL5XL<br>IK4MSV<br>JH1FNU<br>KB9DAK<br>LA9GX<br>LZ2XF                                                                           | <b>223</b><br>AG7N<br>HA5BSW<br>JA4SSM<br>JP1GUW                                                                                                                                        | <b>220</b><br>JA0CIU<br>JA2MNB<br>JA4FM<br>JF1WLK<br>JI1WLL<br>K3PU<br>K4JUJ<br>K6ZZ<br>KK4OW<br>KM6HB<br>N3KN<br>N4AOE<br>N5QS<br>W2DXE<br>W3MR | <b>217</b><br>AA4AK<br>AA4FL<br>DH3KM<br>DL2NOM<br>EW4C<br>JE1GWO<br>JK1JAS<br>K2TER<br>K9UWY<br>N1MD<br>N6QI<br>NA5Z<br>SP5ELW<br>VE1DUN<br>W0QQ<br>W3ICM<br>W5GA | <b>213</b><br>F4GVO<br>JA0EVI<br>JA4MMO<br>JH3GFA<br>JJ1KXB<br>JR3VMJ<br>K1RI<br>K5CWR<br>K6IPV<br>K9RT<br>N5WA<br>RA0BA<br>RT0F<br>W2RIJ<br>W3WH<br>WP4CQ<br>XE1J* | <b>209</b><br>DL6UNF<br>DL7JRD<br>G3XLF<br>IT9ODQ<br>IW8CGX<br>JA0GCI<br>K1JD<br>K4GK<br>K9SG<br>KC2SST<br>KW9U                      |

|                                                                                                                                                                                           |                                                                                                                                                         |                                                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| RA3BL<br>UR9IDX<br>WB5STU<br>YB2DX                                                                                                                                                        | W0OGH<br>W5THT<br>WA6TLA                                                                                                                                | <b>202</b><br>CT3DL<br>DJ8NT<br>EU1M<br>HB9BOI<br>HB9CRV<br>IK0WRB<br>IK2GAJ<br>IZ4DIW<br>JE4FNC<br>K1ACL<br>K3XO<br>K6SRZ<br>KA1J<br>OZ5HP<br>RX3BP<br>VU2IBI<br>W6FL<br>W8BLA<br>WA6URY<br>WC4X | KM1C<br>N6MXU<br>OE1ALW<br>W6HDG<br>W8JA<br>WA5IPS<br>YB1TJ                                                                                                                           | <b>196</b><br>AC9S<br>HL2ZN<br>JA6IVR<br>JA7FAS<br>JE1IBI<br>JF1KML<br>K2AJY<br>K4WY<br>KK8MM<br>KW4CQ<br>LA5LT<br>N1GC<br>N2AJ<br>N7NW<br>NU1T<br>S50B<br>SM5ENX<br>TF3DC<br>VK3KE<br>W0MS<br>YB1RUS<br>ZL3RJ | LA7EIA<br>OH6NIO<br>UA9MC<br>VA2IG<br>W1YRC<br>WB8BZK                                                                                        |
| <b>208</b><br>4X6ZK<br>AH0U<br>DL1DWT<br>I1YDT<br>JK1DDG<br>K8ZM<br>KV4AA<br>M0HIH<br>N2KI<br>N2RJ<br>N3XM<br>N8VV<br>RD9M<br>SM6CLU<br>VE3YXO<br>WW8W<br>YO4AUL                          | <b>205</b><br>AD3C<br>BV1EK<br>G4NBS<br>HB9FBG<br>JA1XRA<br>JA6OXT<br>JR0AMD<br>NW7M<br>SP5ES<br>W0RSP<br>W2CG<br>W4UEF<br>WA7BNG<br>WB0N               | <b>201</b><br>AC6BW<br>AJ8MH<br>IW0BYL<br>JA3LDH<br>JA8LRG<br>K0ABC<br>K0NV<br>K1PL<br>K3SUI<br>K5FXB<br>KC2STA<br>KD5R<br>N3PS<br>N4KM<br>N8BJQ<br>NE8P<br>NK7Z<br>OZ5NJ<br>VE1VOX               | <b>199</b><br>HB9HIT<br>K0LB<br>K4GO<br>KB4MRX<br>NW7US<br>SM0DSF<br>VA7DX<br>W2YR<br>W6JZ<br>WB5NHL                                                                                  | <b>195</b><br>AA3TH<br>IK0UTM<br>IK4TVP<br>IZ0BTB<br>JR2PZX<br>K4AR<br>K5UZ<br>KR0O<br>KZ1W<br>NA6MG<br>NA9A<br>TF3JB<br>W0PE<br>W1DYJ<br>W6BK                                                                 | <b>193</b><br>K4JLD<br>K6XN<br>KD8RQE<br>N6BM<br>N9AOL<br>VE1OP<br>W4AFB<br>W4NBS<br>W4NE<br>W9BS<br>WA9MAG<br>WB3LHD                        |
| <b>207</b><br>AA6RR<br>EC1AIJ<br>EI8IU<br>F1ICS<br>HL4CCM<br>IV3KCB<br>JA4HXF<br>JH1IZR<br>J18PDC<br>K1ZE<br>K3FM<br>K8AV<br>KS4YT<br>OH2LHE<br>PY2RO<br>UR5FEO<br>VU2MSA<br>WS1L<br>ZS2Y | <b>204</b><br>9K2BM<br>DK5HZ<br>DL5KUA<br>HB0WR<br>JA3AVO<br>JA6ENL<br>JJ1TKN<br>JL1GYZ<br>JL3DGI<br>KZ9DX<br>N9LJX<br>SP7CVW<br>VK2CA<br>WU4B<br>ZS1DX | <b>200</b><br>AA4LR<br>DJ7JC<br>HB9KNY<br>IV3TDM<br>JA4GXS<br>JG3KLF<br>JT1BV<br>K3SX<br>K5DCW                                                                                                    | <b>197</b><br>AB1J<br>AL7R<br>HB9CQL<br>HP3TA<br>IZ0BVU<br>JA1BNW<br>JA1KXT<br>JA7DPC<br>JA7JM<br>JH0AKV<br>JJ1JMZ<br>JR4CZM<br>K4KEW<br>K7GA<br>KU8X<br>N4MI<br>N5TU<br>W1FA<br>W7WZ | <b>194</b><br>AB2E<br>DL9GTB<br>JA0AXV<br>JA3WMS<br>K1EFI<br>K1GE<br>K2ZD<br>K4WZ<br>K6MM<br>KE5BR<br>KE6FV                                                                                                    | <b>192</b><br>AA4NC<br>EW4DX<br>HB9MFM<br>HK3PJ<br>JF7NNI<br>J11MNT<br>K6JJ<br>KK5OQ<br>N0STL<br>OH3FVP<br>UT6UA<br>W0TM<br>W3ACO<br>ZL3TE   |
| <b>206</b><br>7L2QAD<br>DL2RD<br>EA8MT<br>G3KMQ<br>K5QX<br>K6QU<br>N9PGG                                                                                                                  | <b>203</b><br>AA4FU<br>AC9O<br>CX2CC<br>EA5AT<br>F2NH<br>JP1EWY<br>KF0LA<br>NA2P<br>R3IS<br>R9JX<br>RV4LC<br>SP3EPG<br>W1OK<br>WF4U                     |                                                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                                | <b>191</b><br>AJ4A<br>DL2JIM<br>GM3WIL<br>HB9HBZ<br>JA2ODB<br>JA4CZM<br>JG1LRE<br>JR4LZX<br>K1XE<br>KE3D<br>SM4OLL<br>W8TM<br>WA9JWL<br>WT4Q |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>190</b> | N8TFD      | NW6S       | W0MU       | LX1CW      | JA3EY      |
| EA7QW      | NZ5O       | SV8RX      |            | N1QY       | KA9OKH     |
| JH2AJY     | OZ1HPS     | VK6LC      | <b>179</b> | N3AIU      | LB8OH      |
| JO3WHB     | SP5LKJ     | W6DX       | AA4DD      | N3KS       | N5FEE      |
| K4GHS      | UR4IOR     | W6WA       | AC4TO      | NA6O       | UA4PK      |
| KG8CW      | W8NN       | W7CB       | AE4M       | SV2BXA     | V51B       |
| N3RW       | WX2U       |            | AG4Q       | W4REX      | VR2XYL     |
| NN2D       | YO3DDZ     | <b>183</b> | EA4UV      | W5UHQ      | W0IKD      |
| VE3SKX     |            | AD5WB      | EA5AR      | W7VS       | W5SUM      |
| W1EBM      | <b>186</b> | JA0BES     | G4XEE      |            | W9KVR      |
| W2WC       | F4FLF      | JA1ITJ     | JR4VEV     | <b>176</b> | YB4IR      |
| YB4CHP     | JA1UOA     | K1VI       | K5RJ       | AA9D       | YU1JF      |
|            | JF1MTV     | KD7H       | KO4PRE     | DF3EC      |            |
| <b>189</b> | JT1CO      | KM8AM      | KW4J       | DS4NPL     | <b>173</b> |
| CU3AN      | K6NR       | KM9E       | N0TR       | HB9GWJ     | EA1DLU     |
| E70T       | K8SIA      | N7GCO      | N1IA       | JA1UBZ     | IK5QPS     |
| JA6JYM     | K8WVA      | NG9J       | N7KDT      | K4MV       | JE3FOR     |
| JR7ILA     | KE8G       | W0FG       | NI3P       | K8YYY      | JK1MZT     |
| K4WJ       | ND4V       | W2ZI       | SM0NUE     | KE4BKL     | JL3OUW     |
| K5TA       | OE3KLU     | W9LN       | SM1NJC     | KF2OG      | K3DFL      |
| KA6BIM     | W0JMP      |            | TF4M       | KS0M       | K9UQN      |
| VE3YV      | W4DAO      | <b>182</b> | W3ML       | N0ODK      | KC4HN      |
| W1NA       | W4PNY      | AA4EA      | W4AO       | N4NW       | KI2D       |
| W5VU       |            | AF2C       | WB2WPM     | OZ3SM      | N1KC       |
| WA0SXV     | <b>185</b> | DJ3AS      |            | VR2XMT     | NU4B       |
| WW0E       | DL2SWN     | JR0RBY     | <b>178</b> | W1MR       | RA9SC      |
|            | EA2AGV     | K2RET      | DL4FAP     | W4KA       | WB8EKG     |
| <b>188</b> | JA0AVS     | K7LAY      | G4FKA      | W4WN       | XE1GLL     |
| 7K1CPT     | KE8UM      | KC1ERO     | HB9BMY     | W9ROG      | ZS1J       |
| IZ1JMN     | KM4VI      | KE9U       | JJ1BDX     | WA5POK     |            |
| JA7XBG     | LA8WG      | LA2IR      | K5CR       | WA8RCK     | <b>172</b> |
| JA9IWR     | SM0BYD     | M0IKW      | KF4VTT     | YB2TS      | JE1COB     |
| JE7BUH     | VU2DCC     | N4BAF      | KR4U       |            | K0PX       |
| JK3GWT     | W0QC       | NY1V       | V51YJ      | <b>175</b> | K7FEL      |
| K5HK       | W7QHE      | SV8LMQ     | VE7TK      | 5T5PA      | K9QJ       |
| K5TN       | WA4NUF     | W7IUO      | W3DQS      | F4WDL      | N6FS       |
| N2ZZ       | WC2K       | WT2P       | W4AEJ      | IU0ICA     | NK7C       |
| R7CD       | WC4H       |            | WB4SON     | IZ4DPV     | UY2UZ      |
| VK2GR      | YB1TQL     | <b>181</b> | XE2YWH     | JA3VPA     | W9MAK      |
| W1ITU      |            | G3SBP      |            | JE2SOY     | WK9U       |
|            | <b>184</b> | K8BN       | <b>177</b> | K2RNY      | WN7J       |
| <b>187</b> | I7PXV      | KD4POJ     | 7J1ADJ     | K8KI       |            |
| AC5AA      | JA1SGU     | OH1TSM     | AE4CW      | K8WHA      | <b>171</b> |
| AK5Q       | JH1AWJ     | PT7DX      | DF8FT      | VE4EAR     | AD6ZJ      |
| EI2HY      | JJ2VLY     | W4LEW      | EA5HM      | VK2HV      | DK4TP      |
| JA1GVT     | K2TV       | W5WP       | JA1VRY     | W4MA       | IU8IYE     |
| JA3BKP     | K3PP       | W8FN       | JA8NFV     | WC2C       | Ji3BFC     |
| JK1SQI     | K5GH       | WA8LRW     | JK1EBA     |            | JR1LZK     |
| JM1JZN     | KB1HY      |            | JM3GXU     | <b>174</b> | K0KP       |
| K4JWA      | N3OUC      | <b>180</b> | K4NTO      | BG8PA      | K4SAF      |
| K7CTV      | N7RD       | JR6GV      | KK0DX      | HB9DVO     | K6EGF      |
| K9AQ       | NC7B       | K3GGN      | KN4JX      | IK0XIH     | KD4W       |
| N1NU       | NU1B       | K8YSE      | LB5GI      | JA0JPD     | KO8SCA     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| NI7F       | JA2LHG     | TF5B       | YB1BML     | <b>159</b> | <b>157</b> |
| OZ9XU      | JM1HJG     | W2KNG      |            | CT7ANG     | 9H1AE      |
| TA1L       | K7STO      | W7JW       | <b>162</b> | DL2AMD     | AC4BT      |
| VU2CDP     | N2YF       |            | I0LYO      | DL6DCD     | AK1P       |
| W3KHQ      | N6ZN       | <b>164</b> | JA4RED     | EA1BLA     | IV3AVQ     |
| WB6BFG     | N7MQ       | AA3AZ      | K1LTJ      | F6KOP      | IZ0FUW     |
| WF1H       | N8NB       | AK4AO      | K3VPZ      | JA1DCK     | JA1BON     |
| <b>170</b> | N9DR       | DK6OR      | N4QWZ      | JA8EIA     | K4RDU      |
| I5FLN      | N9IO       | EI7GY      | N7JB       | JH1XFR     | K4SX       |
| IK2WSO     | NC2Y       | IT9IPQ     | OZ9U       | K7CU       | K8YE       |
| JA4FKO     | R9MJ       | IZ0FYW     | W1AW       | K7PT       | N0LD       |
| JH1RFM     | VR2MY      | JA2BUR     | W4ARK      | KA3GWD     | N2GZ       |
| K8JE       | W4OWY      | JK1NPH     | WB2HJV     | KC2NJ      | N5TF       |
| KB7AK      | W5WI       | K4AU       | WB4YDL     | N1ZZ       | NA4MM      |
| KC5LK      | W6SIY      | KK4CLY     | WQ8T       | N2FF       | SV4FFL     |
| KS4XQ      | W6WF       | LU4FW      | XE1L       | NN9X       | W4CC       |
| N1HO       | <b>167</b> | LX1KC      | <b>161</b> | OV5O       | W4DEE      |
| N4MEC      | K0EOO      | N7TM       | HK6K       | SV1XV      | W4YCH      |
| SV2JU      | K6LPO      | N7WI       | IV3FFI     | W3KB       | W5TUF      |
| TF3Y       | K7YMG      | OZ4VW      | JA1PVX     | W3WST      | W6RFF      |
| UA0SC      | N4IG       | PY2ADR     | JA4CSJ     | W4CCS      | W8WM       |
| UA1OM      | ND7K       | R2ARR      | K0SRL      | W5IP       | WF4G       |
| W4DN       | NS3L       | SM7WVZ     | K7UW       | YB3MM      | WY1G       |
| W4HZ       | R3BB       | W7YW       | N2MFT      | <b>158</b> | <b>156</b> |
| W6PG       | TF3VS      | W9IL       | N9LEO      | BA4TB      | AA7XT      |
| WA2VQV     | W7FI       | WA7HR      | W1HEO      | DF1ZN      | G7SSE      |
| WB4GLI     | <b>166</b> | <b>163</b> | WA0WWW     | DL7BO      | GM0VRP     |
| WW2DX      | 4X6UU      | AC7ZG      | WD5BJT     | EA1P       | IK2WPO     |
| XE1FAS     | JS1MRA     | E73D       | WR7Q       | EA5RU      | JA1VRU     |
| <b>169</b> | KM4NS      | JA0ED      | ZS1EL      | GW4TSG     | JA2CKK     |
| AK7O       | KM7R       | JA3UOQ     | <b>160</b> | JA0ADY     | JA8RRF     |
| DL6NW      | LA9KY      | JA4DLF     | AE5B       | JH0LME     | JG1XBM     |
| EA4DEI     | N0AH       | JE6PJP     | DL3ANK     | JR3TOE     | JK1BIB     |
| IK0WMJ     | PA0TCA     | JS6QOM     | F5AQB      | K0KV       | JM1JIV     |
| K2TK       | W5FPT      | K0BRO      | IW1QN      | K1LI       | JM1LPN     |
| K6IPM      | W7VY       | K0QQ       | IW5EIJ     | K3SF       | K8ROK      |
| KA1DJ      | W8SAX      | K0SD       | J11DMH     | KE2M       | N2YU       |
| KT8D       | W9ZCL      | K9IA       | K2OP       | KR4BD      | N4XYZ      |
| N6EM       | WP3R       | K9MMS      | K3WGR      | KS0JD      | N8SHZ      |
| N6RK       | <b>165</b> | KB2S       | KD4EE      | KU2A       | N9AZZ      |
| N8AYY      | 7L4VYK     | KD4SN      | KJ4YLO     | KW1DX      | SM5ELV     |
| NT9F       | AB9M       | KE3X       | KK4CB      | N4QM       | SO5AS      |
| W9GXR      | HB9VAB     | KL7TS      | N1RK       | NA5S       | W5EW       |
| <b>168</b> | JA2OLJ     | KP4N       | N7VPN      | NC6RJ      | WA5KBH     |
| 3A2MW      | JA3EEM     | LZ1XL      | OE3JAG     | NV4A       | XE1R       |
| AA8KY      | JH1GNU     | N2CG       | S53MJ      | SV3KH      | YO3AIS     |
| CT3CD      | K5LY       | NX8Y       | W1AO       | VA3AYA     | YO3GJC     |
| DK3QM      | K6ME       | VU3CAU     | W1ZS       | WA0ROI     | <b>155</b> |
| HB9HVG     | KK4XL      | W1FC       | W2FDM      | WQ1H       | K0VM       |
| HL4XM      | PY5IP      | WA5NOM     | WB8RFB     | WY7FD      | K8SL       |
|            |            | WB2NPY     |            | YO6HOY     | KA1API     |
|            |            | WB6CJT     |            |            |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| LU2DSL     | JG1GJH     | JE4CIL     | HC1HC      | DL1MEV     | JH0WYT     |
| NA1DX      | JH1CTV     | JG1JPE     | HL1VAU     | DL4ZAB     | JR1HYA     |
| PA5X       | JH1HRJ     | K1EO       | JA0GZZ     | E77S       | K3GT       |
| UA6XT      | JJ1IRS     | K5ZQ       | K8CR       | EI1DG      | K4YZ       |
| VA3NXM     | K2MK       | K9ARZ      | KF4ZZ      | IW1PUR     | K5ZD       |
| VE7SZ      | K8ZZU      | KC2WUF     | KM1R       | IZ2CSX     | K7AWB      |
| W0KCJ      | KH6P       | KN7K       | KN7Y       | JA5XPD     | KE5FXE     |
| W1DAR      | N4XMX      | N0VVV      | LA8PDA     | JA7MWC     | KH6XT      |
| W8VK       | N6KK       | N4ST       | N4GBK      | K3HW       | KI6MQX     |
|            | N9OY       | NM4SH      | N8KU       | K4ZMV      | KO4PY      |
| <b>154</b> | NE0U       | UW7UA      | N8PE       | KF7NN      | KU9S       |
| DF2WF      | NZ4DX      | W9QO       | VK5CE      | KI3O       | N4FN       |
| JA9KRO     | OD5YA      | WA6EZV     | W4HOG      | N8IL       | N6VH       |
| JH3FCF     | OH3PYY     | WB2KSP     | WB3D       | N9ATF      | NF7D       |
| JL1EGW     | SQ7FPH     |            |            | NO2C       | NI4Y       |
| K7ORK      | W1LE       | <b>149</b> | <b>146</b> | RA3AOS     | RM4C       |
| KC9WPS     |            | DS2BGV     | 9J2BS      | TA2RC      | UT9LC      |
| NY4G       | <b>151</b> | EA7LS      | AC8L       | UN7BK      | VA3HP      |
| ON5EQ      | DS5JMG     | EI4BZ      | G0THF      | W1RG       | VK2DAG     |
| PY2RN      | EI5JL      | G3PSM      | IZ8EYN     | W5WLA      | W0ZS       |
| PY2SEX     | J68HZ      | G8BCG      | JH2NWP     | WA4USA     | W6QO       |
| VU2ABS     | JA6CMQ     | K2CYS      | KE0A       | WB2RAJ     | W8EOG      |
| W0BM       | JR1KBJ     | K2KIB      | N3KR       | XE1ILI     | W9VOB      |
| ZS1C       | K1EDG      | K5KG       | N8OQ       | YB1AYO     | WC0W       |
|            | K1ROA      | KD9ZR      | NO9E       |            | WO5D       |
| <b>153</b> | KA6RWL     | KF5WCP     | NS4X       | <b>143</b> |            |
| AC8TO      | KC9K       | N7KO       | OZ9GA      | A61BK      | <b>141</b> |
| EA2BFM     | KL7NW      | NC1M       | W9MR       | AD7L       | DK3TL      |
| HC1HN      | KM8V       | NN6K       |            | AD8NQ      | DL5MM      |
| IZ4IRO     | LA9VBA     | NR0Q       | <b>145</b> | AI4QQ      | IZ1JIZ     |
| JA0NZR     | N3AO       | SP1NEN     | 9H1EJ      | EA3HDZ     | IZ1JLG     |
| JA7FVA     | VE6TL      | W0AIH*     | A92IO      | EI5KO      | JH4GXE     |
| JA7JAA     | W4DVG      | W7NN       | AA5B       | HK1X       | JH6WMJ     |
| JH6RTO     | W5BK       | WA4QMQ     | AA5N       | JA1JYS     | JR3QHJ     |
| J11VVB     | W5PD       | WF5I       | EA7AZA     | JA3PRM     | K4EU       |
| K7HC       | W6GJB      | XE1YD      | EA8RR      | JA8ANQ     | K6RI       |
| KB0EL      | W7JET      |            | HB9ZS      | JK8VMB     | K7RAN      |
| KE3ZT      | W8PAT      | <b>148</b> | K8OS       | K0CF       | KF3N       |
| KU1T       | WB7BBQ     | EI2IP      | KB8DID     | K0RAR      | N4LV       |
| N4TD       | WD8KND     | F5NNN      | KJ6Y       | K8RMC      | N5HC       |
| PF7M       | WW1L       | JE3OUW     | N1SZ       | K9EXY      | N6VS       |
| VE2ACP     | WY0V       | JE7RJS     | N5PA       | KJ7KOJ     | NU4Y       |
| WB4KTF     |            | K2HT       | NK5Z       | KO3F       | RA0R       |
|            | <b>150</b> | K8GT       | TG9AJR     | N8IK       | RL3BZ      |
| <b>152</b> | AF3X       | N5TW       | W3KN       | N9MR*      | SV2DSJ     |
| DD0VU      | EA2AAZ     | PP2FN      | WB1ATZ     | OK1WF      | W3/NH7C    |
| DL8OH      | F1OBJ      | W1MRH      | ZS5LEE     | OZ1OXQ     | W3ATV      |
| EB3CW      | G4AFJ      | W4PGM      |            | W9MB       | W5AP       |
| G4FTC      | GM4KHE     |            | <b>144</b> |            | W9COS      |
| HB9AGO     | HB9TJG     | <b>147</b> | AB4GE      | <b>142</b> | WA3YZD     |
| JA2ACI     | JA6AVT     | AG2O       | AD4AA      | EA2AA      | YB2BNN     |
| JA7NGE     | JA7MAD     | CT1ETE     | AE5FM      | HB9BEM     | YB2IQ      |
| JE3PCP     | JA7PKV     | DS3EXT     | AJ6X       | JA1CPU     |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>140</b> | JH3PRR     | YB0MWM     | KE6V       | K2KJ       | KX4I       |
| AG1I       | K2AX       |            | KF9AF      | K3GW       | N9RE       |
| AG6HE      | K2DC       | <b>135</b> | N0TK       | K5MT       | VU3WEW     |
| E70X       | K9BQL      | 4O3A       | OH3TY      | K8CJY      | WA2MUA     |
| EC7B       | KI6CG      | AB9KZ      | PY2FUL     | KB2XJ      | WA3SKQ     |
| G4SGX      | KS8W       | CU3EJ      | RA3CO      | N1BKB      | WD1M       |
| HB9BNQ     | N7FF       | DL3JFN     | RW6MBC     | N1ZJ       | WX3P       |
| HL2DBP     | WB9B       | G3CWW      | TA1PB      | OT1A       | YU1LD      |
| JH8FIH     | WV4V       | JA3MIO     | UT7EC      | R0QA       | ZS2ACP     |
| JQ1PCX     | ZP5YW      | K0GEO      | W1MJB      | SV2CLJ     |            |
| N4DWK      |            | K2DF       | W1ZK       | VU2DED     | <b>129</b> |
| N4LSJ      | <b>137</b> | K3DQB      | W5RDW      | W0DD       | AA4MM      |
| SM5BNK     | AC0B       | K6UXO      |            | W6TK       | DL8UAT     |
| SV1BYI     | HB9HHH     | K8EB       | <b>133</b> | W9KX       | G3VQO      |
| W5SG       | K2UF       | KD1F       | 9A3IE      | W9RB       | HB9EXQ     |
| W7PC       | K3UW       | KX5U       | DL8DWL     | WA4VJK     | JA1DCO     |
| W9SE       | K4GM       | LB2TG      | GM5YTT     | WB1ASL     | JA7BEW     |
| WA3GM      | K7QBO      | N7MB       | JA2CPD     | WB2UFF     | JH8UGL     |
| WC2L       | K8BB       | NC6K       | JF7RJM     |            | JQ3TAN     |
| WF4W       | N0JR       | ON4AGX     | K0IO       | <b>131</b> | K0ARM      |
| WR2G       | N5JEY      | SM2DMU     | K2FJ       | C31MF      | K4KU       |
| WX0Z       | SV3EXP     | UY0MM      | K2OO       | IZ0GVZ     | K6OJ       |
| YO3JF      | UA4HAD     | W0JW       | K4TXJ      | JH4CPC     | K8LBT      |
| ZL3REX     | VE3FAC     | W3NRJ      | K5VG       | K7CMZ      | K9JDP      |
|            | W4PGC      | W4KCM      | K6DJ       | K9XT       | KE4KMG     |
| <b>139</b> | W4UT       | WA9DU      | K9AAN      | KG4OJT     | KH6DX      |
| I8DKR      | WB7QXU     | WB1S       | KB8ZUN     | KY6AA      | KJ2U       |
| JA5JUG     | WQ5T       | XE1MW      | KN4OK      | N9MB       | KN9N       |
| JM1CMA     | XE1SAX     | YB0EIN     | N4UW       | NA6XX      | LA4RT      |
| K4HEB      |            |            | N6DVR      | RM6LW      | N0ATQ      |
| KA5SYP     | <b>136</b> | <b>134</b> | N6VNI      | S51MA      | N5MT       |
| LZ1XZ      | AD5MD      | 5P5Q       | NT5O       | VE3QAA     | N8AGU      |
| N1KM       | DD0VE      | AA2T       | PY2CP      | VE3VV      | N9ATD      |
| NG0G       | DL2VWR     | AA5TL      | W1JMM      | VE7VZ      | NZ6N       |
| SP5AMN     | DL4FDM     | AC7JM      | W4IR       | W4LIA      | SM2YIP     |
| VE9VIC     | DS4DRE     | CU7AJ      | W5CWQ      | W5UQ       | W1KMA      |
| VK3MB      | JA1EYN     | EI2JD      | WB5TOI     | W7NP       | W8VI       |
| W0SR       | JG2LGM     | G4AYU      | WB8QZM     | WC4V       | WB9PNU     |
| W2KP       | K0IL       | HB9WDF     | WI0E       |            | WM9Q       |
| W4CMM      | K3HPA      | HP2NG      | WM4AA      | <b>130</b> | WU7X       |
| W4UDH      | K4OP       | IZ2MHT     |            | DK3BK      | WX2CX      |
| W7TUS      | K7PO       | JA2LMY     | <b>132</b> | DM3CW      | YB9AY      |
| W7VAS      | KX6C       | JA6GXP     | AG5CN      | EA3NG      |            |
| WA4MIT     | N5OP       | JA9EEH     | AK9B       | EA5GXI     | <b>128</b> |
| WB3AVD     | ON6MX      | JE6UWU     | DJ5DT      | ER0FEO     | 7J1ABD     |
|            | ON7DR      | JF2RSF     | DL9QJ      | I4UUL      | AB1NS      |
| <b>138</b> | PA5CW      | JF3AHI     | HK3CW      | I7LGM      | AE0MO      |
| AB0RX      | SK0QO      | JL6USD     | JA5CDL     | IZ5FSA     | EA5ZR      |
| DS4DBF     | W8MIL      | K3MSB      | JE4KCN     | JH1BHW     | EW4A       |
| EI3ISB     | W8YV       | K6CF       | JE4WOK     | KD5RBU     | GM1BSG     |
| IZ1JLN     | W9KM       | K6EV       | JN1RFY     | KK5J       | IK8PGE     |
| JG3KMT     | WG0G       | K7BWC      | K1AJ       | KK9T       | IS0/YO3RA  |
| JH1ORA     | WW7Q       | K9BO       | K1GND      | KM3J       | JA1ERB     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JA6SQR     | K1ETA      | IK0SHH     | EA7AN      | W6CUA      | JA3MAT     |
| K0MB       | K2RKJ      | IK8TEM     | GU4YOX     | W6GRV      | JM3XZC     |
| K3CWF      | K9LCR      | IN3FCK     | HB9HFM     | W8BI       | K4MQL      |
| K9AAA      | KD2SC      | JA5IBP     | JR4DHK     | WB0ULX     | KB3KJ      |
| KE4S       | KE1B       | JH5OTE     | K4IU       | WB9W       | KF0RQ      |
| KF6A       | KM2E       | K0WK       | K5RKS      | WY4I       | KG4IYS     |
| KP4DS      | LU7DW      | K2JK       | KB0V       | YE1AR      | KM4CQG     |
| N3GTG      | ON4LG      | K4MIJ      | KD1AB      | ZL2AO      | N4UFP      |
| N8II       | VR2CO      | K5MMH      | KD6WKY     |            | N4VN       |
| NA2U       | W0RXL      | KC4PX      | KP4DDY     | <b>120</b> | NZ3M       |
| NB3R       | W1BYH      | KD0AA      | M0VCB      | AA0FT      | VE3MSC     |
| NL8F       | W4EY       | KK4TKJ     | N0IW       | DL7UGO     | VK4BUI     |
| NR5O       | XE2MX      | KL2R       | N1UZ       | HG6IA      | VU2AE      |
| UA0ABB     |            | N4GOA      | N4PAJ      | IK5BSC     | W0ZX       |
| UA0AV      | <b>125</b> | N4LKB      | N5ZY       | JA1PLT     | W3NS       |
| VA3OKG     | AB2NI      | N9AVC      | N8WXQ      | JA6SUY     | W5JE       |
| VK7AP      | AK0A       | N9XG       | NE1RD      | JE1TNL     | W5WS       |
| WA2BOT     | AK5X       | NM1G       | PY2OP      | JS6SCC     | W9WO       |
|            | EA4TX      | NX1P       | SM2EJE     | K5GZR      | WA1EHK     |
| <b>127</b> | F4HAB      | SP9IZV     | W2GHD      | KC6ZBE     | WB5KSD     |
| 9M8DEN     | G1VDP      | VE4JBB     | W2PD       | KE9UA      | YB0NFL     |
| CT1ELF     | HB9ANK     | VU2MB      | W3MF       | KI0HA      |            |
| DD9WG      | IZ1EPM     | W4CIR      | W5TZX      | KM4A       | <b>118</b> |
| DL5KUT     | IZ8DEO     | W7IMU      | W7GB       | KU3G       | A65BD      |
| DL7LX      | JF2OHQ     | WB4DNL     | YV4DYJ     | LA2XNA     | AA7UN      |
| DM5JBN     | JJ2BLV     | WF5E       | ZS2I       | N2TC       | DB9CR      |
| E74A       | K1YR       | XE2AU      | ZS6RJ      | N4HUF      | DJ3XD      |
| F4GTB      | K2CJ       | ZP6CW      |            | N5CR       | EI8JX      |
| HB9ECS     | K4AEN      |            | <b>121</b> | NG4DX      | HC1E       |
| IZ0CKJ     | K4UU       | <b>123</b> | AA6XV      | NJ1Q       | JE7KQU     |
| JA1PBV     | K9UC       | DL3DUE     | AA9WO      | NN5O       | JE7OEC     |
| K4DET      | KB1AWM     | FM5FJ      | AE1T       | NQ4A       | JH4GNE     |
| K9CHP      | KG1V       | G4ZWY      | DK3FB      | PT2ND      | K4BYN      |
| K9GL       | KJ4FZ      | IW0ECV     | G4RGK      | S52R       | K4TMG      |
| KB8KIM     | LU8ADX     | JA2HOL     | IU8GNY     | W3JM       | K7LY       |
| KM2O       | N3TR       | JA2QCX     | JA3VUI     | W4UAT      | KA5JSM     |
| N8BK       | N8JS       | JN4FNZ     | K1XO       | W5MF       | LA9XBA     |
| NP3CW      | ON4EB      | K8ARY      | K3OK       | W8LIG      | LU9DO      |
| PA3AIN     | W1KDA      | K8FB       | K5GM       | WA9IVH     | N7NF       |
| SP2JLR     | W4FO       | K8ZT/QRP   | K5PC       | XE1EE      | NA2R       |
| VU2NXM     | W5XU       | KN4WOJ     | KB4KBS     |            | NN5E       |
| W4EJG      | W9FF       | KV8P       | KE1IU      | <b>119</b> | OM2NW      |
| W4IDX      | WF8Z       | N2MN       | KY5I       | 6K5AQY     | SM3DXC     |
| WC4B       | WS1F       | N7ZA       | N1QAE      | A71AM      | SM5BFJ     |
| YO8PS      |            | NC8I       | N2SG       | AD0K       | VE3NJC     |
|            | <b>124</b> | NJ8G       | NX1Q       | AI1W       | W2EQ       |
| <b>126</b> | AF3K       | TF1A       | OK2ZDL     | DF1IR      | W3IZ       |
| AB4FH      | AG3V       | W7YED      | PV8ABC     | DH8WR      | W4ALF      |
| AC2QH      | DJ5FZ      | W9RXJ      | VR2IL      | E29TGW     | W4DFU      |
| F5EOT      | DJ9FK      |            | W1GF       | EA4DL      | W4RQ       |
| JH8LEY     | DL5ZB      | <b>122</b> | W2GGY      | EA8TZ      | W8VVG      |
| J11FXS     | F8EZE      | EA1T       | W2RQ       | G3LPS      | WA8COB     |
| JL2ULM     | G4EXD      | EA5B       | W4CU       | IU8LMC     | WB4PWZ     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| WB5ZAM     | WA4TMJ     | K7PTC      | <b>112</b> | PY6TS      | DL2NAI     |
| WD6T       | WN1M       | K9KDS      | AF8C       | SM5CSS     | DL9SAD     |
| <b>117</b> | <b>115</b> | KA9TOX     | G4NAQ      | UA4PT      | GM0SCA     |
| AC4XO      | A71XX      | KI4TZ      | G6NHU      | W0LGQ      | HB9CPS     |
| DL2OW      | AK4N       | KW4BY      | GM1TBW     | W2GM       | JA1DHY     |
| G3YFE      | CT7ABD     | LA3ANA     | HB9MZI     | W2VT       | JA1FVS     |
| G4DDL      | CU2AF      | N3NVA      | I2YPY      | W4BR       | JA1QOQ     |
| IK1RKN     | DL4KUG     | N9ETH      | IS0MVE     | WB9WHQ     | JH3AEF     |
| K2SD       | F8GB       | NE5W       | IU4KET     | WD0AJG     | JJ1SZA     |
| K4RP       | G4EHT      | NX2X       | JA1IHD     | WM0G       | JN3XEZ     |
| K4TR       | G4HUN      | NZ0O       | K1TKL      | <b>110</b> | K0MFI      |
| K5HX       | IZ7QSS     | PV8DX      | K3SUK      | AB8M       | K2IRM      |
| K8MN       | JA1CC      | RA5C       | K4RM       | AC6T       | K4LQ       |
| K8RCT      | JN1SUT     | RA9SAS     | K9MQ       | G0GFC      | K9KJ       |
| KC7CS      | K1QN       | VR2ZXP     | KI0G       | GM0VIT     | KA1CTL     |
| KG4URP     | KR4Q       | W8FAX      | LX2SM      | JA0EBV     | KA2F       |
| KL7XO      | KV3W       | WB8LEM     | N4MIK      | JA5EEU     | KC5N       |
| KQ5M       | N3PV       | WC9C       | N4PHH      | JA9KA      | KK7YC      |
| MM1PTT     | N5MI       | WN0L       | NT5EE      | JP1GVC     | LA4JGA     |
| N2SU       | N8TEM      | <b>113</b> | OE1TKW     | K2GW       | N0AMI      |
| W0ZAP      | NA9L       | 4F1OZ      | OZ6TL      | K3RRR      | N2BSA      |
| W3GP       | NT4K       | DJ0AH      | SP9FWQ     | K4VAC      | N5EI       |
| W4DTA      | OZ7BQ      | DJ9HQ      | TA7AZC     | KA4H       | NZ6L       |
| W4MOT      | R2AB       | G4GED      | W3KHZ      | KC3RKW     | OH4KRN     |
| WA1HXH     | S51DV      | G4VWI      | W3RSR      | KE6XL      | PA0QRB     |
| <b>116</b> | SM6WET     | IZ3DBA     | W3XX       | KF8PD      | SM0BSO     |
| DL8SDC     | TF3DT      | JA5SEY     | W5EC       | KJ7NO      | SM0EUI     |
| F5PBL      | VU2TMP     | JH3EQP     | W5MJ       | N2KX       | VA3VF      |
| F8DZY      | W4BH       | JK1WSH     | W6BBS      | N4UC       | VE3KKB     |
| G0HIO      | W4DWS      | K5QY       | WA8KNE     | N5QZ       | W1RH       |
| G0UII      | WM4W       | KA5OWI     | WB6PIH     | NT6AA      | W2FDJ      |
| HL1MKT     | WT9U       | KA9JAC     | WT3Q       | OH2PV      | W4AVY      |
| IZ8EJB     | ZS6NK      | KB5HC      | <b>111</b> | OH3DP      | W7WT       |
| JA1SZN     | <b>114</b> | KD9BIE     | AB5YI      | SV8RMA     | W8ILC      |
| JA6TNY     | DL7AA      | KI6RRD     | AI2S       | W4OEP      | W9LX       |
| K2GLS      | EA4S       | KJ6YK      | EI2HIB     | W4SKW      | W9TO       |
| K9SUH      | F1RAF      | KX7L       | EI8IQ      | W4VAB      | YB0AZ      |
| K9TVG      | G4YCS      | LA2LI      | G0RPM      | W8TE       | <b>108</b> |
| KB7V       | HA2EQD     | LB8CA      | HB9GZE     | W9GG       | 7N4OBV     |
| KE7BMG     | HA5DI      | N2XQM      | JP1PZE     | W9JJ       | AA2F       |
| KK4ODQ     | HI3I       | N4UP       | K4GN       | WA2ALY     | AC4FZ      |
| N1GFV      | IW7DMH     | N4WD       | K4NNQ      | WA4RYW     | AG4TO      |
| N8AID      | JA2DCN     | NC4RY      | K8CMO      | WB2BXO     | DM6MA      |
| ON7TK      | JE2DOD     | SM7CZL     | KG6D       | WB4HMA     | DU1IVT     |
| VR2CC      | JE4RAL     | TG9NX      | KL7XD      | WB8TGY     | EA3UU      |
| W1GY       | JL4BSE     | VA2EU      | LZ1MDU     | YB8HZ      | EC1AE      |
| W2ZK       | JR5KQF     | VU2OT      | M0RTP      | <b>109</b> | EI6GI      |
| W4TUN      | K0PC       | W2RDS      | N9NFT      | AD0TR      | F5VML      |
| W5GOL      | K2SY       | W4LZW      | NA8W       | CT3FN      | IZ4GOL     |
| W6ELI      | K5ALQ      | W4MBD      | NJ2X       | DJ6OZ      | JF1KIG     |
| W9LU       | K5NV*      |            | NO3U       | DL1SWN     | K3RWN      |
|            |            |            | OH5NS      |            | K6DLB      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K7LOL      | VU3DJQ     | DK7GH      | HL4GHT     | N9OI       | VE3XB      |
| K7QA       | W1USN      | DS5RNM     | JA0HXV     | NJ4V       | W4JDS      |
| KB1W       | WA4OTD     | GW0ANA     | JE2VYM     | NN8L       | W4WNT      |
| KD8DEU     | WA7HQD     | I0BJV      | JG1LFF     | OE6BME     | W7KKC      |
| KI0KN      | WB2MKX     | IK2HLM     | JQ2MPJ     | PT7ZT      | W8EH       |
| KT5V       | WB4EVH     | JA3KWZ     | K3NO       | RZ6MJ      | W8UQ       |
| M0AQM      | WB5TEQ     | JF3KOA     | K5YE       | VE3XK      | WA8Y       |
| M0PCB      | WB8PKK     | JG5VFK     | K6VVK      | VU3RGB     | WD8KRV     |
| N2YBB      | WD4IXD     | JM7TKK     | K7IA       | W2TX       | WK3A       |
| N2ZL       | WZ9B       | JR0GXA     | K9YKL      | W3UNX      | YO6BHN     |
| N4LS       | ZS4JAN     | K1PU       | KC5LT      | W4PG       | ZS6HON     |
| N4WOT      |            | K4UQC      | N3YZ       | W4YR       |            |
| NG4C       | <b>106</b> | K5WE       | NA4D       | WA2VJL     | <b>101</b> |
| NW2I       | AA2VG      | KB2GCG     | NB2P       | WA3PAK     | AA4QE      |
| PP5VA      | AI4EY      | KD2CYU     | NE3K       | WT5L       | AC0DQ      |
| SP5UFK     | EI2FG      | KD8BZY     | NS4F       | YB1SKR     | AD4J       |
| VE1JF      | EI9CN      | KE3A       | PY5VC      | YO2OXD     | BX5AA      |
| W4OV       | EI9FVB     | KG5VK      | TA1AL      |            | FM4LV      |
| W7HJ       | ES4RX      | KI3F       | UA9AGX     | <b>102</b> | G0MMI      |
| WA2ONG     | F6ARS      | KY6J       | VE3FRR     | 2E0000     | G3VDB      |
| XE1AO      | G4WWG      | LZ1JZ      | VE7NS      | AA5H       | HS7WMU     |
| ZL1IM      | IZ2IPF     | N1AH       | W0YK       | AE7U       | IK2SYK     |
|            | JA1RBY     | N1TQ       | W1CDC      | DK1MCS     | JA1KZP     |
| <b>107</b> | JH1OVY     | N1XL       | W4GHW      | DL2DCX     | JE6JAO     |
| DG1LHM     | K0HB       | N3DD       | WA4IXW     | DL3XAC     | J11ZS      |
| DJ7PI      | K2KYH      | N5VBK      | WB3FHU     | DS2GOO     | JK3NSD     |
| EA4D       | K8RD       | N8YQX      | WU1T       | DS4OMS     | JQ1QGM     |
| EA4FXZ     | K9WMS      | NZ4CW      | WU6K       | EA2RY      | JR1QLM     |
| EI4DQ      | KB5UNX     | OM4KW      |            | EA4ESI     | K0WJ       |
| EI5GM      | KF5BA      | PB7XYL     | <b>103</b> | GI4OWA     | K2WJ       |
| EI6GF      | KO4MA      | PT2DF      | AB8DG      | HB9IBA     | K4MSS      |
| F5DBT      | KS4Q       | PV8AAS     | EI5GSB     | IC8XIL     | K7UPJ      |
| F6FHZ      | LX2KD      | SV7CUD     | F5VIF      | JA5ALE     | K8DTF      |
| JA9IPF     | N1ECC      | TA1UT      | G8GNI      | K2KNB      | K9EA       |
| J14HKA     | N2BT       | VA2LC      | JA3PYC     | K4QS       | KB1OIQ     |
| JR3PKO     | N4GRC      | VE3NKS     | K0JPL      | K4RSA      | KB9AIT     |
| K0XM       | N4PF       | VK7ZE      | K1MDA      | K6JAD      | KC0V       |
| K3IK       | N5RN       | W3WN       | K2AMI      | K6XJ       | KC2SIZ     |
| K3JRB      | NA7RH      | W6IA       | K3GO       | KC3OPI     | KD2GC      |
| K4NI       | NH6L       | W6KF       | K3LA       | KC8YG      | KD2NF      |
| K5SES      | SM0XG      | W8PE       | K3WSU      | LA5MDA     | KF5MDZ     |
| K9BR       | SV3RKM     | WA3IIA     | K5VSD      | LZ2HM      | KK4MA      |
| KF2TI      | TG9AWS     | WB6JHI     | K8TLC      | N0OK       | LU2NI      |
| KJ4UZU     | V31CQ      | WD0FYV     | KA7CVJ     | N3CAL      | N4ZR       |
| LU2JCW     | VE7UF      | YB1BUL     | KC3NIE     | N4IR       | NK7L       |
| N6GEE      | W8LR       | YB7WW      | KE8Y       | N9AKR      | NU0Q       |
| NA5WH      | W8QW       | ZL2DD      | KG5NP      | NZ1I       | NX6D       |
| R9GM       | XE3ARV     |            | KN6KI      | OA4DGS     | PY2YW      |
| S57J       | ZL3RIK     | <b>104</b> | KS0Y       | OK1DXO     | S57NML     |
| SP7ASZ     |            | DB2WD      | KU4A       | OZ5VO      | SM7GXR     |
| TF3MH      | <b>105</b> | EI8GS      | LA5HPA     | PE1DAB     | SP5BMU     |
| UX5XK      | 4F3BZ      | G6MXL      | N3ER       | SP5NON     | TG9AKH     |
| VE3BHZ     | AJ6V       | HB9ARK     | N4DJT      | VE3DIT     | US8ZAL     |

|            |        |
|------------|--------|
| UX4UM      | K7HV   |
| VA2GA      | K8JRK  |
| VE7XT      | KA9JCP |
| VR2PX      | KB6IGK |
| W0QL       | KC5RR  |
| W1ES       | KD1DT  |
| W2MW       | KE5MMT |
| W2YWC      | KE8NOA |
| W3ATT      | KF5TL  |
| W4BZM      | KJ4SKO |
| W4PM       | M0IFT  |
| W6OU       | N2CJN  |
| WB5HJV     | N6RVI  |
| WB9ZNZ     | N7TP   |
| WC6Y       | N9APK  |
| WD9IOK     | N9MKC  |
|            | NN6CH  |
| <b>100</b> | ON6JY  |
| 9M2CQC     | PA3DTR |
| A41ZZ      | PA3HGC |
| A71EM      | PT2ADM |
| AA1SU      | PV8RR  |
| AB3TM      | SP7QHR |
| AD9DX      | SQ7JZO |
| AF6O       | VA6SP  |
| AF7WM      | VE3ZN  |
| DB3KE      | VK2IS  |
| DJ0CL      | VK3YR  |
| DJ4LR      | VR2VGM |
| DL1TPY     | W0PPA  |
| DL2RUG     | W0YRE  |
| DL5JH      | W3DIY  |
| DM5TI      | W3SW   |
| EA5BYP     | W4CG   |
| G0WEJ      | W7SMW  |
| G2DP       | W9ARG  |
| G4FSU      | W9GFB  |
| IK7NXU     | W9ZT   |
| IU2LFP     | WA1KXV |
| IW2FLB     | WA4UWD |
| IZ3GJL     | WB1DX  |
| JA1CCH     | WB6RAB |
| JK1OTP     | WD4OHD |
| JR2PAU     | WN9A   |
| K0MD       | WQ9F   |
| K1GW       | WV4E   |
| K1HC       | YL3GDM |
| K1MLP      | ZP9CTS |
| K2ITT      |        |
| K4KYN      |        |
| K5JUC      |        |
| K5PSN      |        |
| K7GT       |        |