

## ARRL DXCC - 12 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 28 Oct 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 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.

|                                                                                   |                                                                                                                                                 |                                                                                                                                |                                                                                                                                                                                      |                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>348</b><br>K2TQC<br>SP5EWY                                                     | K5UR<br>KF2O<br>N6AR                                                                                                                            | W1DIG<br>W7UT                                                                                                                  | OE6IMD<br>OK3GU<br>R7LV<br>SP3EPK<br>SP8AJK<br>WB6RSE<br>WK3N                                                                                                                        | SM5CEU<br>SM6CVX<br>UT5UGR<br>W0DJC<br>W9RPM                                                                                                                                                                           |
| <b>347</b><br>K4CIA<br>K8MFO<br>N4WW<br>W1JR<br>W4DR                              | <b>341</b><br>4X4DK<br>AA1V<br>DJ6RX<br>DJ9KG<br>G3KMA<br>JH4IFF<br>N0AT<br>N2TK<br>N4CC<br>NN4T<br>OH2BU<br>OZ3PZ<br>PA3FQA<br>SM3GSK<br>VE3EJ | <b>337</b><br>AA6YQ<br>DL4MCF<br>JA2JPA<br>JR3IIR<br>K1ST<br>K4HGX<br>K8SIX<br>VE3XN<br>W0BV<br>W2LO<br>W2YC<br>W3LPL<br>W9IXX | <b>334</b><br>DF3GY<br>DJ9ZB<br>EA4KD<br>EA6SX<br>F6EXV<br>G3XTT<br>I4AVG<br>JA0EOK<br>JA2FBY<br>JQ3DUE<br>K3UA<br>K4XO<br>N4XM<br>N8DJX<br>SM5AQD<br>SP2FAX<br>UA6A<br>W4PK<br>WB9Z | <b>332</b><br>AA7A<br>DF4PL<br>EA5RM<br>GM3YTS<br>HB9BGV<br>HB9BZA<br>IK4DRY<br>IK5HHA<br>JA0UUA<br>JA2KVD<br>JA4DLP<br>JG3QZN<br>JL1UXH<br>K0IEA<br>K1OA<br>N2LT<br>NJ6P<br>UA4HBW<br>UT7QF<br>W4DKS<br>W5BPT<br>W5ZN |
| <b>346</b><br>N1DG<br>SM3EVR<br>W9ZR                                              |                                                                                                                                                 | <b>336</b><br>AA1QD<br>G0JHC<br>JA1WPX<br>JA5AUC<br>JH4UYB<br>K2FF<br>K4XP<br>N3XX<br>N5ZM<br>PE5T<br>W0MHK<br>W1YY<br>WD5COV  |                                                                                                                                                                                      |                                                                                                                                                                                                                        |
| <b>345</b><br>HA0DU<br>JA2VPO<br>OH1XX                                            |                                                                                                                                                 |                                                                                                                                |                                                                                                                                                                                      |                                                                                                                                                                                                                        |
| <b>344</b><br>K4PI<br>N4MM<br>OZ1BTE<br>OZ1LO<br>PY2XB<br>SM0AJU<br>VE1YX<br>W3YX | <b>340</b><br>EA8AK<br>JA4DND<br>K4UTE                                                                                                          |                                                                                                                                |                                                                                                                                                                                      |                                                                                                                                                                                                                        |
|                                                                                   | <b>339</b><br>CT1EEB<br>IK1GPG<br>JA1UQP<br>JA5EXW<br>K5RK<br>N4CH<br>N8DX                                                                      |                                                                                                                                | <b>333</b><br>DJ8NK<br>F6AOJ<br>F6DAY<br>G4OBK<br>HA5WA<br>JA1HGY<br>JA6BZI<br>K6YRA<br>N4AH<br>PY2BW<br>PY2SP<br>PY5EG                                                              | <b>331</b><br>AD5A<br>DF2RG<br>DJ9HX<br>EY8MM<br>F6BKI<br>IK8HJC<br>JE2URF<br>JH1RFR<br>K4MWB<br>KD5M<br>LA5IIA                                                                                                        |
| <b>343</b><br>DF3CB<br>K3FN<br>K4MQG<br>SP5CJQ<br>VA3DX<br>W3UR                   | <b>338</b><br>G4BWP<br>I4LCK<br>JA3FYC<br>K9NU<br>PY4OY<br>SM3NRY                                                                               | <b>335</b><br>AG9S<br>JA1BK<br>JA4LKB<br>JA5AQC<br>JA5MHD<br>N0XA<br>N5UR<br>OE3GCU                                            |                                                                                                                                                                                      |                                                                                                                                                                                                                        |
| <b>342</b><br>JR2KDN<br>K4DY                                                      |                                                                                                                                                 |                                                                                                                                |                                                                                                                                                                                      |                                                                                                                                                                                                                        |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| LZ2DF      | <b>328</b> | <b>325</b> | EA3GP      | N5XZ       |
| PY5HOT     | AA5AU      | EU7A       | GM0GAV     | OE6MDF     |
| SP3E       | DK5WL      | HB9DHK     | JF1KKV     | OE8RT      |
| VE3FF      | DL7MAE     | I5NPH      | K6FG       | SM6DHU     |
| W5OZI      | IZ5EKV     | IZ0AEG     | KF0QR      | SP7VC      |
| W8UVZ      | JA1SJV     | JA2FJP     | LA7HJA     | SV1FJA     |
| YO5BRZ     | JH2FXK     | JA5WIZ     | N5TY*      | UT7UJ      |
| YU1FW      | JJ2KXK     | JF1PUW     | N8RR       | W4FC       |
|            | K4QL       | JF7XKY     | NY0V       | W8GC       |
| <b>330</b> | RU3FM      | JH8RZJ     | OH2BLD     |            |
| AA1ON      | SL0ZG      | JL1RUC     | SM6DHF     | <b>320</b> |
| DJ2YA      | SP9DWT     | JR3GWZ     | UA3AB      | AA8CH      |
| DL1AMQ     | W1ECT      | JS2LHI     | UT9FJ      | DM5EE      |
| EA7TV      | W2IRT      | K9EU       | W7AO       | G0BLB      |
| EI7BA      | W5FKX      | K9IR       |            | I2EOW      |
| HB9AMO     |            | OE2LCM     | <b>322</b> | JA3PIS     |
| I4MKN      | <b>327</b> | R5AJ       | CT1BH      | JO7WXN     |
| IK4BHO     | AB4IQ      | SM4EMO     | CT4NH      | K1LD       |
| IK6DLK     | CT1APE     | SM6CCO     | EA2IA      | K4EM       |
| JA1ADN     | CT1IUA     | SM6CMU     | F5PAC      | KQ8M       |
| JA3EMU     | DL2OE      | SP1S       | IK4GME     | NE1B       |
| JH1GZE     | EA1YO      | SV8CS      | IK8YTA     | UY5ZZ      |
| JJ4POR     | EA5BM      | W1RM       | JA4FKX     | VE3EXY     |
| K3WC       | I4EWH      | W3LL       | JJ2LPV     | W3KX       |
| K4CN       | JE2LUN     | W6RLL      | K2UO       | W5WT       |
| K4ZYU      | JH0INP     | W9OP       | K7NN       | W6XA       |
| K9CT       | JJ8DGO     |            | KU0A       | YV1DIG     |
| N4JF       | K0DEQ      | <b>324</b> | KV7K       |            |
| N8JV       | KW9A       | DK9KX      | N4DW       | <b>319</b> |
| N9IW       | N2BJ       | DL5DSM     | N4NX       | DJ4AX      |
| NR1R       | N6JV       | FK8CP      | N4PQX      | DK1FW      |
| OK1MP*     | PY2YP      | G0DQS      | OE1WEU     | EA8AKN     |
| RA3CQ      | RZ3AM      | G4CCZ      | OH1LEU     | HB0CC      |
| SP7GAQ     | SM2GCQ     | I0WDX      | ON4CD      | IK4DRR     |
| W3NO       | SM5CZQ     | IK5PWQ     | PA3EWP     | JA9TWN     |
| W4UM       | SP6M       | JA2BDR     | R7DX       | JJ1DHY     |
|            | SV1RK      | JA2DPC     | SM5KNV     | JR7VHZ     |
| <b>329</b> | YO9HP      | JJ3PRT     | UA4CC      | K6AM       |
| GM3POI     |            | JR2LJO     | VE1DX      | N4DB       |
| IT9DAA     | <b>326</b> | JR3OEJ     | W5CIA      | N4QS       |
| IV3JVJ     | EA5BY      | K5KC       | W5TCX      | ON4AOI     |
| JA2JW      | JA9APS     | K5MC       | WI8A       | UA3AP      |
| JA7KY      | JE1SYN     | K9YY       |            | YO3APJ     |
| JA7MSQ     | JF1WPB     | KA9CFD     | <b>321</b> |            |
| JH1TWT     | JF3KON     | N1NK       | AA4V*      | <b>318</b> |
| K0EU       | K5EK       | N4II       | G3TXF      | A45XR      |
| K1HTV      | K8PT       | N8BM*      | HB9BIN     | AA4HP      |
| N5AW       | LU2NI      | OE8HIK     | IK2YCW     | DL6KR      |
| NI0G       | N3NT       | R3OK       | JA0GJJ     | G4PWA      |
| NO8D       | N7RT       | RV3LO      | JA1XEC     | JA1ANR     |
| OZ1CTK     | NK1K       | VE2TZT     | JA3AZD     | JA2JNA     |
| R4GM       | ON4IQ      | W8OI       | JH1IFS     | JA4EPE     |
| SP6CIK     | OZ1AXG     | W9OL       | JH3CUL     | JH4JNG     |
| SP8NR      | SP5DIR     | WB4TDH     | JH4ADV     | K2TE       |
| W5XX       | W8DCH      |            | K2VV       | K4IQJ      |
| WA1JMP     | WP4U       | <b>323</b> | KX4R       | K5BG       |
|            |            | AD1C       |            | K5DU       |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| LA2PA      | HA1RB      | JR1BAS     | KC7V       | WE9R       |
| PY5EW      | HK3W       | JR1BLX     | LA9AJA     | <b>307</b> |
| R3VA       | IZ1LBG     | JS3CTQ     | NS6C       | A65BR      |
| RA7A       | JA8RJE     | K4SO       | RA0FF      | DK2JX      |
| RW3RN      | JA9CWJ     | K6KLY      | RL9F       | F2JD       |
| SP1MGM     | JN3SAC     | K9US       | SM2OAN     | HB9TKS     |
| SP3CGK     | JR2BJE     | LA7JO      | SP6HEQ     | I5HOR      |
| VE3LYC     | K8NVR      | LB8DC      | W0YG       | JA2XW      |
| <b>317</b> | N5OK       | N2NL       | W4BP       | JA3GN      |
| AB9V       | NN4R       | N4TL       | ZS1LS      | JA6WJL     |
| DJ5FI      | OE3EVA     | N8KOL      | <b>309</b> | JJ3HGJ     |
| DK2NG      | ON4IZ      | ZS6EZ      | JA1EOD     | K2SHZ      |
| DL5WW      | PY2NQ      | <b>312</b> | JG4AKL     | K9RX       |
| HB9HFN     | SM3VAC     | AA5AM      | K1AR       | LU8EKC     |
| JA2IVK     | SV2DGH     | F3SG       | K2UU       | NI6T       |
| K2RW       | WB0TEV     | JA1SYY     | K8QM       | W7DO       |
| K6YUI      | <b>314</b> | JA1VSL     | K9ZO       | W7OM       |
| K9MM       | AC4G       | JA1XCZ     | NN4SS      | W9JA       |
| KE9L       | CT1DKS     | JH1AGU     | NU8Z       | WA5VGI     |
| UX1UA      | EA1N       | JH1QAX     | R9TO       | ZS2DL      |
| W6VX       | EA6VQ      | JN1BMX     | RU3DX      | <b>306</b> |
| WD0DAN     | G3NDC      | JR6FC      | RX3AGD     | 9K2OD      |
| WX4G       | IZ8FFA     | K1HT       | UA4LY      | DL1KUR     |
| <b>316</b> | JA2AH      | K3RA       | W2JU       | DL5EBE     |
| AB3CV      | JA2ZL      | K5XI       | <b>308</b> | HB9DDZ     |
| DF2UU      | JR4OZR     | KG4W       | DL2CHN     | I1EIS      |
| DL6CNG     | JR9LKE     | N1IBM      | F4BKV      | IK4PLW     |
| G0OIL      | K2LS       | N5ORT      | HK4SAN     | JA2VQF     |
| IK2QPR     | K5AQ       | RU3QR      | IU7QBB     | JE2LPC     |
| IW1ARB     | KB0EO      | SV1CNS     | JA1IZZ     | JR2UBS     |
| JA5XAE     | LA7AFA     | UT2UB      | JA2WYN     | K5WAF      |
| JA8EAT     | MD0CCE     | W7CT       | JA7IC      | KD3CQ      |
| K1BD       | OE1AZS     | W8HW       | JA9GPG     | OE5RLM     |
| K3WA       | OE1ZL      | WD9DZV     | JE2EHP     | R8TX       |
| K4HB       | SM4DDE     | <b>311</b> | JH1SJN     | R9FM       |
| K8YTO      | SV1DPI     | CT1FMX     | K0GY       | SP5IWA     |
| KG8P       | SV1JG      | IK0PEA     | K0KVR      | UN7JX      |
| N5DG       | UA6MF      | JA2XYO     | K8OM       | US5WE      |
| SP1JRF     | UX0FF      | JA4MRL     | K9MK       | W5AJ       |
| UA3DPM     | W9RN       | KM4H       | KI0KB      | W5XC       |
| W1GL       | WB8BPU     | OE3SGU     | KN5O       | ZL3JT      |
| W7MO       | <b>313</b> | OZ4O       | KS1J       | <b>305</b> |
| W9ILY      | 5B4MF      | PY2XU      | N8TR       | AJ6T       |
| WA2VYA     | CT1GFK     | UR0MC      | NQ1K       | DJ4XA      |
| WA7NB      | I3BUI      | WB9CIF     | R7NW       | G5LP       |
| YB5QZ      | IZ2AMW     | <b>310</b> | SP9JZU     | JA1IOA     |
| YO7LCB     | IZ8FWN     | HB9SLO     | UR5EDX     | JA1WSK     |
| YS1RR      | JA1GRM     | JA0CRI     | VA5DX      | JA2NDQ     |
| YU3AA      | JA5IU      | JF8QNF     | VU2NKS     | JA7BWT     |
| <b>315</b> | JA6VQA     | JG3FEA     | W1YM       | JE6TSP     |
| 9H1SP      | JA7JWF     | K0KX       | W2QO       | JH7RXU     |
| AA5AT      | JA7QVI     | K6RO       | W5ADD      | K0JUH      |
| AB6QM      | JF2UPM     | K8AC       | W6ENZ      | K3XA       |
| G3VKW      | JG3LGD     | K8FL       | W9MU       | K9NW       |
|            | JH1NYM     |            | WA8WV      |            |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| N9AU*      | WD4LBR     | XE2CQ      | IW0SAF     | N2LM       |
| PA5TT      |            |            | JA1BPA     | N7IR       |
| RA9CMO     | <b>301</b> | <b>298</b> | JA1FQI     | PY2IQ      |
| SM3NXS     | AE5E       | 5B4AHJ     | JE2DZC     | S55DX      |
| YB1UUN     | CU2AP      | CT1FCX     | JH4ALY     | WA4FFW     |
|            | HB9BOI     | DL7BA      | JM1FHL     |            |
| <b>304</b> | HP2AT      | JA4ITW     | JN1RQV     | <b>292</b> |
| DJ9ON      | JA0DIN     | JA5BEN     | K0BBC      | DL5CW      |
| DK5AD      | JA1LSP     | JA7MYQ     | K0TPP      | E72A       |
| HB9CEX     | JA1SVP     | JL2JVX     | K1GG       | EA5AT      |
| JA9FAI     | JE1LFX     | JR7WFC     | K4XD       | G8DX       |
| JE1DXC     | JG8FWH     | K2PK       | K5VIP      | HB9BAT     |
| K7WP       | JK1GOK     | K8EUR      | K5ZK       | IZ0RVI     |
| K8GI       | K4SE       | N4RWG      | N7TY       | IZ3ETU     |
| N7US       | LA5LJA     | ND0N       | NA5C       | IZ8VYU     |
| N9RS       | MM0EAX     | PY2VA      | RM0F       | JA3ENN     |
| UY5AA      | RN3QN      | ZL1BYZ     | SM5FUG     | K5DHY      |
|            | UN6T       |            | SP8HKT     | K7ZD       |
| <b>303</b> | WB5JID     | <b>297</b> | SV1GYG     | N8II       |
| E72U       |            | E73Y       | W5LT       | R6AF       |
| EA3GHZ     | <b>300</b> | JA3RQ      | W6XK       | W4VIC      |
| G3LZQ      | AC0A       | JE7JDL     | W7AL       | W6SR       |
| HB9DDO     | DL1TRK     | JG0CQK     |            |            |
| HL3IUA     | DL4CF      | K6ND       | <b>294</b> | <b>291</b> |
| HL4CJG     | EA1AF      | K8WK       | AI9L       | 4Z4DX      |
| IK2RPE     | EI2GLB     | KG7H       | AJ9C       | EA6ET      |
| IK4ADE     | HB9CQK     | KT1J       | EA6NB      | G0EHO      |
| JK1EXO     | IW0HQE     | W2GG       | HA5VZ      | JJ1TKN     |
| K7ZA       | IZ5RVG     | W6YI       | HA9PP      | K4ZO       |
| KB1JZU     | JA2ATE     | W7ZJ       | IT9CVO     | KP2A       |
| LA3WAA     | JA9AA      |            | JA1XPQ     | LA5HE      |
| OE5BWN     | K8GG       | <b>296</b> | JA5SUD     | N2TN       |
| RL3FA      | K8TL       | AA4R       | JE1GWO     | N7RO       |
| RW4NN      | K8VFX      | AA8OY      | JH1BAM     | PY2KP      |
| SM6CUK     | PA3CSR     | AD6W       | JJ1DWT     | VE3CFK     |
| SP2BMX     | VU2PTT     | CT1DOF     | JR1DUP     | W7BEM      |
| SP3IBS     | W3OA       | EV1R       | K3FRK      | W8TN       |
| SP7HOV     | W3RJW      | GM0AXY     | K7ZV       | W9FR       |
| SP7ITB     | W6TC       | IV3YYK     | KD0Q       | ZL4TT      |
| SV2AEL     | W9AJ       | JA1JAT     | KZ4V       |            |
| W1SKU      | WA9PIE     | JK1TCV     | N0KV       | <b>290</b> |
| WT8C       |            | K0KT       | RU6L       | AA4A       |
|            | <b>299</b> | K3PA       | SV3DCX     | DS1JFY     |
| <b>302</b> | 4X6ZK      | K6FW       | W3JX       | I4KDJ      |
| DJ5JH      | DM2DXA     | K8VC       | YO2CMI     | JA1KQX     |
| F5CQ       | EW2A       | LA8PT      |            | JA1QXC     |
| G3SVD      | HB9RG      | LU4FPZ     | <b>293</b> | JF1NZW     |
| HL2IFR     | IK5RUN     | N0RB       | DL1HRN     | JH3GCN     |
| JE8CLT     | IZ4MJP     | RA3QK      | DL1SMA     | K1DG       |
| K4MS       | JA7LGE     | SM6BZV     | EA3WD      | KD0PO      |
| OH8LXT     | K6SIK      | SV9COL     | G4GIR      | LA2QM      |
| PY7DJ      | K9SM       | UA6YW      | IK0HFO     | LU3CQ      |
| R5DT       | KB8VAO     | YO2RR      | IW1QN      | PP1CZ      |
| RK4FD      | N9FN       |            | JA2CXF     | RD3AW      |
| W0VX       | UA9FAR     | <b>295</b> | JA3EOP     | S57AT      |
| W4QN       | VE3BW      | DL1DUO     | JH0BQX     | SK3PY      |
| W5VY       | WA3AFS     | EC3A       | K4JAF      | SV3AQR     |

UN7LZ  
UN7TW  
W1EQ  
W2LK  
WB9EEE

**289**

DL9TJ  
HB9RYZ  
JA8EJO  
JA9FPI  
JA9IFF  
JG1WSC  
JH4GJR  
K3UL  
KK0M  
R0FA  
RA1QD  
VE3EK  
W9YSX

**288**

CT3MD  
JA2JRG  
LZ2JE  
N4LR  
N5LZ  
N6UK  
ON6AA  
UA3AGW  
W1YIF  
W2LE  
W2NO  
W3FOX  
ZS1A  
ZS2EZ

**287**

9M6YBG  
AA8LL  
AA8R  
IV3GOW  
JA9NLE  
JE2OVG  
K0AZ  
K5RT  
LA3MHA  
N3VA  
N8PW  
R9SA  
SM5ARL  
W1VT  
W4YCH  
W8AV  
WA6F

**286**

AB5A  
CT3HF  
DL2VPO  
HL3GOB  
IK0AGU  
IK0XBX  
IZ8XQC  
JA2FGL  
JE3ENP  
JF2WGN  
JH1BNC  
K1LPS  
K1RO  
K5PS  
N8SNM  
UR5WA  
VE1JBC  
W3GQ  
W6PJ  
W8AXI  
W9MJ  
WN6W

**285**

CU2DX  
DL2SWN  
EA3GHQ  
EA5KA  
HL2WA  
IK8VRH  
IZ8DFO  
JA0PE  
JA2IYJ  
JA2VMU  
JR8AMF  
K1USA  
K6G XO  
K6PJ  
KJ6P  
LA8HGA  
N8LJ  
OE1WHC  
PE1L  
W1OPD  
WK7E

**284**

DL6JZ  
EI9FBB  
GM3PPE  
GM3YOR  
IZ3ENH  
JA0DET  
JA8CJY  
JG3SKK  
JH3SIF

OE2GEN  
OH4UI  
SM0CCM  
SM6CTQ  
W2AY  
W4FQT  
W5ODD  
W8BBQ

**283**

DF2GH  
JA1RTX  
JL1XMN  
K3WW  
N6TA  
OE8SPW  
W1LW  
W6BJH  
WT4Q

**282**

K1DT  
K5UO  
K8ROX  
PC3T  
SM4CTI  
UA0BA  
W4OX  
W9HBH  
WA3C  
XE1KK

**281**

AD5Q  
BA4RF  
EA5OX  
F3AT  
I1FQH  
IZ8FDH  
K0GD  
N2WB  
N5GH  
OZ1IKY  
SM5ENX  
W0LS  
W8HC  
W8KEN

**280**

CT1EAV  
JA3XNH  
JA6TMU  
JH1HHC  
JN7DOS  
JR6LLN  
JR7FRW  
K0TT

K4WNW  
N2JJ  
OH1JP  
PY2DS  
SM0NJO  
SM5CZK  
UT7UV  
VK3HJ  
W8LGJ  
ZS4TX

**279**

AA6AA  
HK1MW  
JA2XCR  
JA8DNV  
JE8TGI  
JF2XGF  
JH7BKN  
JK1UNZ  
JO4CFV  
KF2DT  
KQ4AV  
OH1ZK  
VE3DZ  
W4UCK  
WB2BIN  
WO7R  
WS5W

**278**

9A4T  
CT1FPQ  
EA8RR  
EI9JF  
F2NH  
JA8LRG  
K2UR  
N4HB  
N9ISN  
SM4AZQ  
VE3CRG  
W4MAY  
W8MHW  
WF2S

**277**

EU1KY  
F5PBM  
F5UJK  
IZ4DPV  
JA8EOT  
JH3KAI  
K2AJY  
K8UT  
N9RD  
ON4CAS

SV1FJP  
UW2ZM  
W1KSZ  
W1YRC  
W2PP  
W3BW  
W8RLS

**276**

DK3WW  
HB9LCW  
IZ5BAM  
JA7FWR  
JA7LMZ  
LA0FA  
LA9VFA  
N5MOA  
ND4X  
NK0S  
OZ1LCG  
RX4HZ  
SM5CLE  
UN3G  
W1ZT  
W2OIB  
W5GO

**275**

AB4SF  
JE1BMJ  
JG1OGM  
JI3CJP  
K1CA  
N6PSE  
N7KA  
ON5UE  
PA7RA  
WA0RVK

**274**

7M4AOE  
EI6FR  
EW1KP  
IW0HOU  
JA8ZO  
JH1IAQ  
JM1GHT  
K3PT  
K6UM  
KA8SYV  
KA8ZPE  
KS3F  
NA5DX  
RA5BM  
SV9AHZ  
UA3ECJ  
W3ACO

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| W7MEM      | NN4X       | JA7BEW     | W5PF       | KM1D       |
| <b>273</b> | UA3TT      | JA8UIV     | W6TMD      | LA5SJA     |
| CT1BWU     | W1MK       | K5VWW      | WV4TN      | N9UA       |
| DH2PC      | XE1MEX     | K7XB       | <b>263</b> | OM8FR      |
| JA1KPH     | <b>270</b> | SM5BMB     | DK4TP      | SM7CQY     |
| JA2TBS     | 7K1PTT     | W6RS       | EA3CJ      | W0JM       |
| JA6BEE     | AA4FL      | <b>266</b> | EA4DL      | WA5LFD     |
| JM2RUV     | BA4MY      | EI8IU      | HA7UW      | ZS6WB      |
| K4RG       | DK8MCT     | IK0UTM     | JA7XBG     | <b>260</b> |
| KA1ERL     | EA1KY      | IW7DVM     | K1KO       | AA9A       |
| KI5BLU     | F9XL       | JA3BXF     | K4KAY      | EA8MT      |
| LB2TB      | K0BJ       | K8AJS      | K8FH       | EA9IE      |
| N4IG       | K7UA       | NU1B       | K9FN       | EC1AIJ     |
| N4JQQ      | K9JF       | PZ5RA      | KN6KI      | F6HLC      |
| N4QQ       | N6RV       | RA4CA      | N1RR       | FG5FR      |
| OZ1ACB     | OE3HWC     | SV1HEP     | N7BT       | JA0KJE     |
| OZ4VW      | PU2POP     | VE3YF      | NA5Q       | JA2FBC     |
| RW7M       | VE6LB      | W0FLS      | NF1G       | JA3VPA     |
| W4HG       | <b>269</b> | W7Yaq      | SM7IUN     | JA3WLN     |
| W8QZA/QRP  | HB9IQB     | W8MET      | W0GG       | JH3FUK     |
| WA0MHJ     | IK7FPV     | WB2GAI     | W2XI       | JH4ADK     |
| <b>272</b> | IK8EPC     | WB3LHD     | WA4LOX     | JJ2WOC     |
| AF9H       | JA1OVF     | <b>265</b> | ZS6NJ      | K1ESE      |
| DS5ACV     | JA1VLK     | 4F2KWT     | <b>262</b> | K8YSE      |
| I5OYY      | JA4VLK     | G3WPH      | CU3EJ      | LY1G       |
| IK5PWN     | JA6GPR     | JA1VRU     | I5REA      | N1SV       |
| JF1LMB     | JH3FHQ     | JA4FM      | JA8BAR     | N6MZ       |
| JH1OBS     | JP1NWZ     | JE2RDO     | K8AV       | NT5V       |
| K1UU       | K6EME      | JH1ACA     | LA6UL      | SK7AX      |
| K6IPM      | KR0P       | JR1WCT     | LA9FFA     | SP6A       |
| K7EG       | NW7E       | K0DD       | N3RC       | TG9NX      |
| K8BL       | OM4EX      | K2CBI      | N8OC       | WS9V       |
| K9MBQ      | SM5FWW     | K2SN       | NK4L       | WV8DX      |
| KB1EFS     | YB1AR      | N5KM       | NX0I       | <b>259</b> |
| KI4GE      | <b>268</b> | N9JV       | W5ZG       | CT3KN      |
| N2DPF      | HB9BUN     | SP6JIU     | W6NWS      | DJ8NT      |
| NV9L       | JA1IAZ     | VE3SKX     | W7LGG      | EW1BA      |
| OE5FIN     | JA1NWD     | W5DM       | W7QDM      | JA8BNP     |
| PA0ZH      | JH4HMG     | <b>264</b> | W9PZT      | K2UFM      |
| SV1ACK     | K2KA       | 4Z1UF      | WA3GFM     | NI3P       |
| W2OO       | K6BV       | EA1KP      | WB8ART     | PY5CC      |
| W3AP       | KD4W       | F6DBX      | WQ6Q       | SV1FKZ     |
| WA1S       | N2AJ       | HB9DHG     | YB2DX      | VK4CAG     |
| WL7E       | N5JB       | IK4AUY     | <b>261</b> | W1KDA      |
| <b>271</b> | SM6BGG     | IZ0NRG     | 7K1CPT     | W7AH       |
| 4X1RU      | W2FV       | JA7HRM     | DK3PZ      | <b>258</b> |
| HL4GAV     | W9OO       | JF2WXS     | EA3EQT     | CU3EQ      |
| IK2DZN     | WA1YTW     | JR4LNG     | G3UAS      | DK7YY      |
| IZ8EJB     | <b>267</b> | K8RRT      | IS0AFM     | HL3AMO     |
| JH1OCC     | DL4DW      | N1EN       | IZ8IEV     | JA9AGN     |
| JM1HJG     | HB9MFM     | N1GC       | JA3FHL     | JR3UIC     |
| K3PU       | IV3VBM     | PA7TWO     | JH2PWY     | KH2L       |
| LA9GX      | JA2QXP     | SV1CQN     | K2FW       | SA0AQT     |
| N4UOZ      |            | VE6AX      | K7LJ       | US0YA      |

W1SSN  
W5JAY  
W9EWZ  
ZL2IFB

**257**

AF4HX  
DJ0UT  
DL9FCY  
EA1JO  
EA7SG  
EB3CW  
HA5PT  
IK2PZC  
JA6OXT  
JE1PNX  
K1SM  
N1API  
N6HC  
PY2MC  
RU1AB  
SV1VS  
W3FI  
W8MJ

**256**

BH4QYX  
EC1A  
FG8OJ  
GU0SUP  
IK4HPU  
JF2VAX  
JH1RGG  
K4JJW  
K6EID  
M0TTB  
VK3NX  
W6DE  
W8JRK  
WB7B  
WV9L

**255**

AI6Z  
EA5RD  
F6ECI  
HC1BI  
HI8R  
HL3DE  
IV3TMM  
JK1OPL  
K1FEV  
KR4F  
N1RK  
N5BO  
VR2XMT  
VU2CPL

W2/CT1GIF

**254**

BA7IO  
CT1BWW  
IZ5YHD  
JH1VUO  
JH2VVH  
JJ1BMB  
K0GW  
K3SEW  
KI1U  
LA5YJ  
NE8P  
UA3O  
WB4KTF

**253**

AC9O  
FG4NO  
JA6IVR  
JA8XQI  
JE1HRC  
K6MKF  
K8DV  
KE1F  
KM6HB  
N7XR  
UA0FO  
W6RW  
W8GNM  
WF4U  
YB0COU

**252**

DL7UPN  
F1ICS  
G3KWK  
G3NKC  
JA1BNW  
JA4HAW  
JF3PNQ  
JF6XQJ  
JH4CBM  
JL1BYZ  
JR1VAY  
K1EFI  
K5FZ  
KB9DAK  
N6PM  
OH7TV  
W2GW  
W2ZI  
W7CA  
WA4CEM  
WA4JQS  
WV6E

**251**

9A4W  
DL2RTL  
JA1DDZ  
JA1EMQ  
JA1SKE  
JA5BGA  
JE1VTZ  
JH1DGJ  
K4VIG  
K8CW  
KG9Z  
KJ7TEA  
N4SC  
N5UL  
NV4B  
SM5FQQ  
W2JLK  
W2TB  
W3ABT  
W4SK  
W5GAI  
W8OP

**250**

6K5YIA  
EA1RT  
HA7TM  
HB9EBM  
HB9EFK  
JH3GFA  
JH6PFY  
JL1MWI  
JR0EQQ  
JR5JAQ  
K1KA  
K9YC  
K9ZM  
KQ3F  
OH2IS  
PA0JSE  
PY2FN  
W7HPW  
W7IU  
YL2KF

**249**

AF5CC  
HL2CFY  
IZ8GGF  
JA8FFM  
JH1APK  
JH8GEU  
JJ1QUV  
K9NR  
KF7F  
N0RN

N3KN  
NH6T/W4  
OZ5NJ  
SM4OLL  
UN3GX  
VE3YV  
W0RX  
W8IQ  
W9RC  
WB8K  
XE2D  
XE2X

**248**

AK5X  
DS5DNO  
EA4DEI  
G3VPW  
HB9DOT  
HL2KV  
JA1PBV  
JE2VLG  
JJ1SKG  
KF9UG  
N4QWZ  
N4XP  
N6KZ  
SV1IW  
W8IW

**247**

AA7G  
CT1FUH  
K1PL  
K3VAT  
KH6M  
N7DED  
NA9RB  
OZ7FOC  
PY5IP  
S51NM  
W7IB  
W9JJB

**246**

GW4TSG  
HL2EIZ  
I0JBL  
IV3KFB  
JK1WSH  
JR7GBL  
K3EA  
KB6CIO  
W1KMA  
W3ICM  
W5ZO

**245**

AC9EM  
AJ8MH  
G3KMQ  
HB9JOE  
JA3QOS  
JJ6DGP  
K5IB  
KF7PG  
N0AH  
N2NW  
NZ3O  
OE3KLU  
S55ZZ  
YB0NFL

**244**

EI2HY  
G4FKA  
IK8UHA  
JA1CZI  
JI6IHG  
JN1NBU  
K0KG  
K1YR  
KK1W  
W0QQ  
W4REX  
W5PJR  
W9FI  
WA2USA  
WA3F  
WA8MCD  
WC3W

**243**

DS5TOS  
G4XRV  
JA2EPW  
JS6TWW  
K8ME  
W1BR  
W4PNY  
WX2U

**242**

EI9FVB  
JA4ZA  
JH1ERJ  
JH1WJR  
JK1VXE  
JR1MLU  
K3NQ  
K3WWT  
K4PB  
K7FEL  
KJ7M

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| LU6ETB     | N8SHZ      | WA1PMA     | K8EAB      | <b>229</b> |
| N2NS       | WA6JA      | WY6N       | KK9H       | AA3LX      |
| N6HY       |            | YB2TX      | N9BX       | AE0P       |
| NF4A       | <b>238</b> |            | NE3F       | AH0U       |
| PA3BWD     | JA0LXP     | <b>235</b> | SM0XBI     | DL8SDC     |
| RC2A       | JF0JYR     | EA5B       | W2NRA      | IK2GAJ     |
| VK3BDX     | K9GA       | EA7QW      | W6YOO      | JA2VHO     |
| W8CZN      | K9OR       | EU1U       | WB2KSK     | JA7QQQ     |
|            | KA4RRU     | JA0KJD     | WD8PKF     | K0HD       |
| <b>241</b> | M0CSD      | JE1IBI     | WE4S       | K3FM       |
| AB5C       | N4PJ       | K0EOO      |            | K4CMS      |
| E21EIC     | N5ZC       | K0VSH      | <b>232</b> | KD1F       |
| G8AJM      | VU2CDP     | K4YJ       | EW4C       | KI4DLS     |
| JA6AVT     | VU2DCC     | K5CWR      | G3XLF      | N4NW       |
| JH1UBK     | W3MR       | K8ZM       | HB9DVO     | N9JR       |
| JP1IOF     | W4KA       | N2FF       | HL2ZN      | NE6I       |
| K1XV       | WA4QMQ     | N4IQ       | JH0OXS     | UR5FEO     |
| K7KB       | WB0TVY     | NA5Z       | JH6DUL     | W1WC       |
| KV1E       | ZL4AS      | NJ7G       | JR3VMJ     | YB1TJ      |
| N4OA       |            | NW4M       | K4ST       |            |
| N9SF       | <b>237</b> | TA1CM      | K5FNQ      | <b>228</b> |
| W5DNT      | CT1BOY     | W2DXE      | KB1DMX     | 7J1ADJ     |
| W5QM       | G0VXE      | W7YW       | N3PS       | AA0MZ      |
| WB8CQV     | HB9CXZ     |            | N9PGG      | F1RAF      |
|            | JH1DGQ     | <b>234</b> | NY2NY      | F5LIW      |
| <b>240</b> | JR0QFA     | DF7EE      | RQ3A       | JA1OVD     |
| G7SSE      | K1RV       | DK2CC      | SV8DOU     | JF1RYU     |
| IW3GJF     | K2NV       | HB9BYQ     | W6CYX      | JF1WLK     |
| JA1DM*     | LB5WB      | HS1NGR     | W9ZCL      | K4KGG      |
| JA2FSM     | SM0MPV     | IK0LNN     |            | KE0A       |
| JF2OZH     | UN9L       | JA2OLJ     | <b>231</b> | KE4UW      |
| K4QE       | W6AER      | JE2EBT     | AD5WB      | RA3QUA     |
| K9JU       | W8UN       | JH5HDA     | DK6OR      | VR2CH      |
| KE8UM      | WA0ROI     | JK1BSM     | IK1IYU     |            |
| KF0LA      | WB8B       | JR4LZX     | JA1MZL     | <b>227</b> |
| KZ5DX      | WB8ZRL     | K0VM       | JH0AWC     | DF8FT      |
| N0ABA      | YO3JF      | K4JC       | K2RU       | DL2RUM     |
| N4HID      |            | K4MF       | KD6UO      | I0MWI      |
| PY2GG      | <b>236</b> | K6ZZ       | LZ2XF      | JA0DWY     |
| SM3LGO     | HB9DQV     | KE5FXE     | N8HRZ      | JK1SQI     |
| SP5LKJ     | HB9ZS      | KX2A       | NA4EA      | K1GE       |
| UX5UO      | IK2DUW     | ND4V       | SM7NDX     | K2TER      |
| W0SZ       | JA1HOM     | SV8CKM     | W4UDH      | K5CD       |
| W8WEJ      | JA1JYE     | W3WST      |            | K5GH       |
| XE1RBV     | JA3KNN     | W9MO       | <b>230</b> | N1NU       |
|            | JN1NOP     | WA5UA      | G3LUW      | N6OJ       |
| <b>239</b> | K1ACL      |            | JA5NPV     | NA9Q       |
| AG1A       | KM3J       | <b>233</b> | JH7WQX     | W4DEE      |
| DJ9RR      | KS4S       | AA9GR      | JI1VVB     | W5RF       |
| IZ1JMN     | N4GN       | AA9RR      | K2SY       | W5SL       |
| IZ2FOS     | N6IE       | AJ4A       | KC9K       | WA9GON     |
| JA6CBG     | OE2BZL     | DH0GSU     | N4TOL      | WC2K       |
| JA7KE      | PA0TCA     | DS3HWS     | W2KA       |            |
| JA9NFO     | W0HBH      | EA5AR      | W8FIB      | <b>226</b> |
| JE2UFF     | W2YR       | JA3NHL     | W8WVM      | DM2RM      |
| K2XF       | W4GIW      | JH1SOD     | W9YE       | I0OSI      |
| K8YYY      | W6DR       | K8BN       | WB2NPY     | JH1IED     |



|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| K2BA       | ZS2Y       | K1DJ       | KK2M       | W4WN       |
| K2HAT      |            | K1NTR      | KU4BP      | WB6BFG     |
| K2SD       | <b>223</b> | K1TZQ      | N6QI       |            |
| KK0DX      | AB4UF      | K4EU       | OZ0J       | <b>213</b> |
| KK4OK      | AF2C       | K4MIJ      | W0TM       | 9A1AD      |
| N2KX       | EA7DUD     | K5MT       | YO3IPR     | AG3V       |
| N2SQW      | HB9HBZ     | K6MM       |            | DK3UA      |
| N5ET       | I8MTQ      | K7AWB      | <b>216</b> | HB9HIT     |
| N6BM       | IK0WRB     | K9WX       | AC4VM      | IV3FFI     |
| N9AOL      | IK2RZP     | KV4T       | CX2CC      | JA0LFV     |
| NG7M       | IZ8MBW     | KZ9DX      | DJ3XG      | JA1FVS     |
| VE7TK      | K0NV       | ON4ATW     | I1YDT      | JG1JPE     |
| W7HR       | K6IPV      | SM0DSF     | IT9AAI     | JG3RWX     |
| W9DX       | KI6CG      | UR4IOR     | K7LV       | JR1EFG     |
| WB0O       | KV4AA      |            | KK4OW      | KD4SN      |
|            | KW4V       | <b>219</b> | KR4W       | N6PEQ      |
| <b>225</b> | N4ENE      | AA8SW      | KX4TT      | N8GP       |
| DK5RL      | NY1V       | F5JSD      | LB6KC      | NA2M*      |
| DS4AOW     | W8LMG      | HB9BNQ     | NC4RB      | SM7GIB     |
| EU1M       | WC4H       | HL5BMX     | PS8ACL     | VK3FM      |
| G3SBP      |            | IK5QPS     | W0SR       | W1LE       |
| JA0EVI     | <b>222</b> | JA1FJJ     | W5VQ       |            |
| JA4CZM     | AK5Q       | K5JZ       | WB3D       | <b>212</b> |
| JF1MTV     | DJ9SO      | KD2T       | WS1L       | G4ZOY      |
| JH8NQV     | DL5XL      | KE6V       |            | JA1BWA     |
| JL3OUW     | E77S       | KG6I       | <b>215</b> | JA3LDH     |
| K0IL       | IZ7AUH     | KI7AO      | 9H1EJ      | JJ2KDZ     |
| K0OK       | JM1VRW     | KR2Q       | AA7XT      | JR2PZX     |
| K1JIU      | K2AT       | KR6C       | DS4GKF     | K3SX       |
| K3SF       | KB5UNX     | N1KC       | HB9IIO     | N4FN       |
| K4JWA      | KS4YT      | N6DX       | I5XFD      | SM5AOG     |
| K5YU       | KU8X       | W5GA       | IZ0BVU     | VK5GR      |
| MU0FAL     | RA4P       | W6GRV      | JR0AMD     | W5DAW      |
| N0ODK      | VE7BV      | WA3I       | JT1BV      | WW2DX      |
| NA2AA      | W5THT      | WW8W       | KF4NEF     | WY1G       |
| W0FG       | W5UQ       |            | KO6KD      | YL2TW      |
| W5GZ       |            | <b>218</b> | N8NN       |            |
| W5LO       | <b>221</b> | DL2NOM     | RN9N       | <b>211</b> |
| W5TFW      | EA2AAZ     | DL4NBE     | W0TT       | JE2KSM     |
| W8UV       | IZ1JLG     | EA2AFV     | W1JGS      | JJ1JMZ     |
| W9KVR      | J11NJC     | G4VMX      | W4IS       | JJ1KZZ     |
| WE1P       | K1NJ       | I7PXV      | W6SL       | JO4JDU     |
| YO9FNP     | K4CGY      | K5ALQ      | WA6HBR     | JR1JGA     |
|            | K4MV       | KE3D       | ZL2AL      | KT2C       |
| <b>224</b> | K5DV       | N4JT       |            | N1BY       |
| JA8NFV     | K5ZQ       | SM7WVZ     | <b>214</b> | VR2XLN     |
| JH1OGT     | KU4XO      | TZ4AM      | 3A2MW      | W6UC       |
| JO1LVZ     | RU0SN      | W3BJ       | DJ3AS      | W6WF       |
| K1CBK      | W0BM       | WA2NPD     | F4GVO      |            |
| N3RW       | WA0WWW     |            | HB9VAB     | <b>210</b> |
| N7WO       | WB0N       | <b>217</b> | JA7DPC     | AA4LR      |
| RW4CY      |            | IK0CHU     | K0QQ       | CU3AN      |
| SM7BHH     | <b>220</b> | IT9ODQ     | K2AZ       | JA7FAS     |
| SP6AXW     | AA6RR      | JA2NNF     | N9KW       | JH6RTO     |
| V51B       | DL4LAM     | JA7ZP      | PY2RO      | KD8RQE     |
| W7NN       | EA5DFV     | JG5RVQ     | SP7ICE     | LU4FW      |
| WN6K       | JP1GUW     | K1RH       | W0KCJ      | N8BK       |

|                                                                                                                                                                        |                                                                                                                                                                                 |                                                                                                                                                                                                                          |                                                                                                                                                                                                                   |                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ND3L<br>PY2WC<br>S54A<br>W5WP<br>W7FP<br>W9IL<br>WA9BZW<br>WK8A<br>YB0DJ                                                                                               | ON4ANN<br>RD9M<br>TF3DC<br>VK2CA<br>W1AW<br>W1MJB<br>W4GE<br>W6KK<br>W9QO<br>YB0MWM                                                                                             | W4GP<br>W7IV<br>WB8BZK<br>XE1L                                                                                                                                                                                           | IZ5FSA<br>IZ8EKL<br>JA3EY<br>K1ZJA<br>KC6JAM<br>KM4VI<br>N1IA<br>PY3VB<br>VK6LC<br>ZS1DX                                                                                                                          | EA5HM<br>F4WDL<br>IV3AVQ<br>JA2MNB<br>K6TAR<br>K8SIA<br>KD1AB<br>W2CQ<br>W4DAO<br>W4HZ<br>WF8R<br>WQ5R<br>XE1H                                                    |
| <b>209</b><br>JH8UQJ<br>K0LB<br>KB2FCV<br>KB4MRX<br>KO8SCA<br>N4TD<br>N9XX<br>PU1KGG<br>SM5BNK<br>W6DCK<br>W8BLA<br>W8HMK<br>WB0ULX                                    | <b>206</b><br>AG5W<br>CT1HHP<br>HB9CRV<br>IW9DNI<br>IZ4DIW<br>JA4DNC<br>JF1IRW<br>JH1FVE<br>K8NK<br>KK5OQ<br>KK9T<br>KW4CQ<br>LA6OP<br>N7NF<br>N8BJQ<br>W7IUO<br>WA3WZR<br>WI7P | <b>203</b><br>7L2QAD<br>DF3EC<br>F5NBX<br>IK2RGT<br>IZ0BTV<br>JA0CIU<br>JA7JPZ<br>JH8NBJ<br>K0CS<br>K1VI<br>K4GO<br>K4JKB<br>K8YE<br>K9OW<br>K9TF<br>KA1DJ<br>KL7TC<br>KM7R<br>N4TV<br>N6PAT<br>W1DYJ<br>W3BNN<br>WA3FRP | <b>199</b><br>AA3TH<br>AC0X<br>AD4AA<br>DL5EBS<br>HI3T<br>JH0RVY<br>JI1WLL<br>JM1SZY<br>JR7ILA<br>K4SX<br>K4VNY<br>KI4WCQ<br>MU0GSY<br>N2RR<br>NC2Y<br>ON6KE<br>PB9FN<br>V51YJ<br>W6JZ<br>W9LN<br>W9RXJ<br>WB4YDL | <b>196</b><br>CT3CD<br>DF2UA<br>G1VDP<br>HB9ESS<br>I7LGM<br>I8YAV<br>JA1XRA<br>N2GZ<br>N3QE<br>N4HN<br>NA9A<br>SP3F<br>SP5MXZ<br>W3ML<br>W5AAJ<br>W6HYI<br>WB5NHL |
| <b>208</b><br>7N3IJT<br>DL4FAP<br>HP2NG<br>JH0NOS<br>K0THN<br>K4WES<br>K5RJ<br>K9SG<br>KC2SST<br>N4SV<br>N6ZN<br>N7WS<br>NU1O<br>NW6S<br>W1FA<br>W5FPT<br>WA6G<br>ZS1J | <b>205</b><br>AC9S<br>DL6UNF<br>GM0VRP<br>IK3GBG<br>JA4DHN<br>JA7JM<br>JA7MNF<br>JO3WHB<br>K4YYL<br>K5VR<br>KT4AC<br>KW1DX<br>N2KI<br>N2ZA<br>OH3OJ<br>WA4MME<br>XE1J*          | <b>202</b><br>BV1EK<br>DL8DWL<br>IK5BOH/2<br>JR1IZM<br>N8WD<br>NN9X<br>W3NS<br>W4RDX<br>W7TUS<br>W7VY<br>WE2N                                                                                                            | <b>198</b><br>AG7N<br>DJ0MCH<br>IV3BSF<br>JA6ENL<br>JM1ESG<br>K7PT<br>KA1J<br>KZ1W<br>N3ND<br>NN5E<br>RA3BL<br>VK6OZ<br>W6SHY<br>WA2VQV<br>XE1FAS<br>YV5LI                                                        | <b>195</b><br>CT1ELF<br>K3DFL<br>K3NF<br>K4KEW<br>KE4S<br>KF9AF<br>N3XM<br>NA6MG<br>NN2D<br>OH6NIO<br>PP7LL<br>SQ7FPH<br>VE3YXO<br>W3SB                           |
| <b>207</b><br>9K2BM<br>DG5LAC<br>JA7MAD<br>JE3EDJ<br>K6ZP<br>KE1VT<br>M0HIH<br>M0IKW<br>N9AKR<br>NW7US<br>OE1JIS                                                       | <b>204</b><br>JL1GYZ<br>KB5HC<br>KK8MM<br>KM9E<br>N7ELL<br>VU2IBI                                                                                                               | <b>201</b><br>GI4OWA<br>IZ0GYP<br>K0MFI<br>K2CYS<br>N4PYI<br>OH2LHE<br>RT5A<br>W1OP<br>W6AEA                                                                                                                             | <b>197</b><br>4X4MF<br>BA4TB<br>EA1DLU                                                                                                                                                                            | <b>194</b><br>A65BD<br>EA5ZR<br>K1LT<br>KP3AH<br>KR8T<br>NJ3K<br>SP6EIJ                                                                                           |

|                                                                                                                                                                                  |                                                                                                                                                                                                                                         |                                                                                                                            |                                                                                                                                                                                                |                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VU2LBW<br>W4DC<br>W5UHQ<br>W7PAQ<br>WA1NXC<br>XE1R                                                                                                                               | VK2HV<br>W5IP<br>W8UQ<br>WB4DNL<br>WF1H<br>WI8R                                                                                                                                                                                         | K2AX<br>K2DC<br>N2ZZ<br>OZ9XU<br>PY2RN<br>W0PE<br>WV4V<br>YO2DFA                                                           | WB2HJV<br>WB3BFC<br>WB5STU<br>WX0Z<br>YB1RUS                                                                                                                                                   | JH1IZR<br>K8SL<br>N7VPN<br>NA5S<br>VR2XYL<br>W0MS<br>W4DSM<br>WA6EZV                                                                                                                                                       |
| <b>193</b><br>7L4VYK<br>AE4CW<br>DH3KM<br>I4UUL<br>IZ5MOQ<br>JA0AXV<br>JA1QIW<br>JA3PRM<br>K1JD<br>KM1C<br>LZ2ZG<br>NU4B<br>PY8WW<br>SM5ELV<br>SP5IXS<br>W8NN<br>WA9DU<br>WB6CJT | <b>190</b><br>AA4U<br>DJ9KV<br>EC7B<br>F4DSE<br>G3WW<br>HL4CCM<br>JA2ITK<br>JA3AVO<br>JH8KFE<br>JI2UDK<br>K5RKS<br>K5TN<br>K7UT<br>K8ZT/QRP<br>KD0AA<br>N3AIU<br>N6MXU<br>OT1A<br>SM0BYD<br>VA3OKG<br>W2OR<br>W9ROG<br>WA8LRW<br>WB4GLI | <b>187</b><br>4X6KJ<br>AF6PK<br>IK8GJR<br>KM4NS<br>N6VNI<br>UN7BY<br>W2CG<br>W5ZE<br>XE1YD                                 | <b>183</b><br>IU0ICA<br>JA2KSP<br>JA3UNA<br>JE4CIL<br>K6LRN<br>LA7EIA<br>NA2U<br>YB2TS                                                                                                         | <b>179</b><br>DL5MHQ<br>IK1ZNM<br>JA1BON<br>JA3EEM<br>JH1XFR<br>JK1JAS<br>JR3ADB<br>K4WZ<br>KB7AK<br>KE5TD<br>KJ6NZ<br>KZ2R<br>N3KV<br>SP5ELW<br>TF3JB<br>W0UC<br>W0ZS<br>W1HS<br>W4CCS<br>W4TUN<br>W5JMW<br>W8QXR<br>WC0W |
| <b>192</b><br>F6FYD<br>IZ7GIT<br>K6XN<br>KJ4UZU<br>KJ4YLO<br>N4XYZ<br>UR3EO<br>VA2IG<br>WQ5T<br>XE1EE<br>YB1TQL                                                                  | <b>189</b><br>AA4UC<br>I0LYO<br>IV3KCB<br>JA1SGU<br>JG1SWM<br>K3HW<br>K6UXO<br>KY5I<br>N2MEE<br>N6NU<br>RM3DA<br>RN3CT<br>SM4BZH<br>W4AEJ<br>W5SUM<br>W6DPD<br>YB4CHP                                                                   | <b>186</b><br>K1BZ<br>K5EWS<br>K5QX<br>K6EGF<br>KC6X<br>N5QS<br>W8RV<br>WA5IPS<br>WZ4RC                                    | <b>182</b><br>AE4M<br>I5FLN<br>I8LWL<br>IU8IYE<br>JA6SQR<br>JI1CQA<br>JK1DDG<br>K5DCW<br>K7LAZ<br>KG4JSZ<br>KL0S<br>KS0JD<br>LA5LT<br>N4MIK<br>N8NA<br>N8NB<br>NZ5O<br>VU3CAU<br>W6SFK<br>W7WZ | <b>178</b><br>AA8KY<br>EA8AXT<br>G4DDL<br>GM4KHE<br>IW0BYL<br>JA1ERB<br>K1ZE<br>K3VAR<br>KL7TS<br>KU1T<br>N4ST<br>N6DHZ<br>OZ1HPS<br>W7HUY<br>WB6AXD                                                                       |
| <b>191</b><br>AA4NC<br>G4XEE<br>HA5CW<br>IT9IPQ<br>JH1FNU<br>JK1AJX<br>JP1LRT<br>K1RI<br>K8QKY<br>KF2OG<br>N4DWK<br>N7MQ<br>NK7C<br>NO0B<br>OV5O<br>OZ7DN                        | <b>188</b><br>EA7AN<br>JA0GCI<br>JH7NTW<br>JS6SCC                                                                                                                                                                                       | <b>185</b><br>JK7LXU<br>K0KP<br>K3PP<br>K9AQ<br>KE5BR<br>KQ4EE<br>OZ3SM<br>UN7BK<br>VA7ZT<br>W0QC<br>W2WG<br>W6RKC<br>WV2I | <b>181</b><br>EI3CTB<br>IZ4AIB<br>JA1SZN<br>KY6R<br>N1HO<br>N6VS<br>N8AYY<br>NM1G<br>NV4A<br>UA9AEU<br>W6TK                                                                                    | <b>177</b><br>4X6UU<br>IW8CGX<br>IZ2EWR<br>JE4RAL<br>JF1LZQ                                                                                                                                                                |
|                                                                                                                                                                                  |                                                                                                                                                                                                                                         | <b>184</b><br>AD6ZJ<br>EA5RU<br>IK0HBN<br>JA7FVA<br>K3JM<br>N5FEE<br>NW7M<br>SM2EJE<br>UT7KF<br>W6BK                       | <b>180</b><br>A61BK<br>AA4AK<br>AD0K<br>DK1NAL<br>EA2AGV                                                                                                                                       |                                                                                                                                                                                                                            |

JG3KLF  
K0KV  
K2JL  
K2MK  
K3OX  
KF4VTT  
SM5CBM  
SP9IZV  
VK2AAH  
W0IKD  
W0JW  
W1AO  
W4KVS  
WD8KND

**176**

DL6NW  
F4FLF  
G4AYU  
JH8FIH  
JR1FHP  
KK7YC  
KT8D  
KW9U  
LA4JGA  
N1JP  
VE1VOX  
W4LEW  
W9WO  
WA3GNW  
WD4IXD

**175**

AG5CN  
EA6UE  
IW1PUR  
IZ0CKJ  
JE3PCP  
K1ROA  
K4WY  
KD4POJ  
KF6HI  
KN7D  
N7NG  
NS3L  
UA1OM  
UA9AGX

**174**

AG4Q  
DL5KUA  
HB9HVG  
JE4KCN  
JL6USD  
JR3TOE  
K1XE  
K5CR

K7STO  
K9HQM  
K9UQN  
N7NW  
NG9J  
TF3VS  
W5WI  
WA4BIM  
WA4NUF  
WB8QZM

**173**

AB6CF  
AI9U  
DM6MA  
HB9DVZ  
K6UNE  
K8JE  
KI6MQX  
LA9VBA  
N7HN  
N9ATF  
N9DR  
N9IO  
NC7B  
NX2X  
SM0EUI  
W2PD  
W4DTA  
W7VAS  
WA7BNG  
WY7FD

**172**

EI1DG  
K5TA  
KM4HQE  
LZ1XL  
N3AO  
N5PA  
N7GCO  
SP5ES  
W1ASB  
W2NY  
W6FL  
YB4IR

**171**

AA5N  
AD3C  
CT2GZE  
DL5MM  
F9CI  
JJ1BDX  
JS6QOM  
K2TV  
K4NTO

KB0V  
KC5LK  
KP4DKE  
KW4J  
N8WRL  
NA6O  
ON6MX  
VU2MSA  
W0MU  
WA4DOU  
WA5KBH

**170**

DL2JIM  
EA3HDZ  
EI5KO  
EI6AL  
JA1GVT  
JG1GJH  
JG1RYQ  
JK1BIB  
JQ1PCX  
JQ1YIW  
K6JJ  
K7CU  
LA2GH  
LB7ZG  
N3WD  
N4VN  
N6EM  
N8VV  
NJ6W  
NX4TT  
OH3PYY  
VE1OP  
VE2YG  
W0OGH  
WA4USA  
YO4AUL

**169**

AC0DQ  
DM3CW  
JA1KXT  
JE1PHH  
K0PX  
K8ZZU  
K9OT  
KI2D  
N4MI  
N5MT  
N6MB  
RD3BD  
SV1IZY  
WA6QGH  
WB8EKG

**168**

A92IO  
AB4GE  
EW1P  
JA0PZJ  
JH1ORA  
JH3EQP  
K0PC  
K0RAR  
KF0RQ  
LU8ADX  
LX1CW  
OE1ALW  
R4FAN  
SV1XV  
VR2MY  
WA9IVH

**167**

JA8BOV  
JE3FOR  
KA5JSM  
KB8NTY  
KD3HN  
KE3X  
KH6XT  
N1ZJ  
N4PL  
N8JS  
N8OQ  
PT2ADM  
PY2SEX  
WA0SXV  
WA5NFC

**166**

AL7R  
DL1SVA  
GM7NZI  
HL4XM  
JA1PVX  
JG3KMT  
JN4FNZ  
JR6GHN  
K0FLY  
K7CTV  
KN4FO  
KR4BD  
SP7QHR  
SV2CLJ  
VA7DX  
W4PGC  
W8SAX  
WA1ZIC  
WA5NOM  
WB3JFS  
YO3AIS

ZL3RJ  
ZS6IR

**165**

AG6HE  
CU3HN  
EI5JL  
HK3PJ  
HL1VAU  
IK0XIH  
JE4WOK  
JF1KML  
JR1KBJ  
JR6LDE  
K3VPZ  
KG4CUY  
KG5NP  
LA2XPA  
N1QY  
N2RJ  
N3KS  
PT2ND  
RA0BA  
RL3BZ  
VK3TC  
W2FS  
WB2WPM  
WB9PNU  
WC4X

**164**

AC4BT  
CT3DL  
DL7JRD  
EI6IZ  
IZ0GVZ  
K6CF  
K6GFJ  
KA1API  
KB7QFE  
KD8MQY  
N2XQM  
N7WI  
NA2P  
PT7DX  
S50B  
W6SIY  
W9CSX

**163**

4O3A  
AA4OC  
AD5MD  
AI4QQ  
DS4NPL  
EA1AZ  
F4CPF

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| HA5BSW     | W6DOE      | IK3DVY     | <b>155</b> | LA2IR      |
| IK2ULM     | W9GG       | IW0ECV     | 5P5Q       | M0MCV      |
| JA0MRW     |            | JJ1KXB     | DK3QM      | N0VVV      |
| JA4GXS     | <b>160</b> | K4HQB      | F6KOP      | OH3FVP     |
| K0ABC      | E70T       | K8GWU      | G0THF      | SP5NON     |
| K0CF       | EA1WH      | KB2XJ      | IV3TDM     | W3DIY      |
| K4GN       | JA1ITJ     | KC3AK      | IZ0FUW     | W8OM       |
| K4OY       | JA1UOA     | KF7NN      | JA0EBV     | W8VK       |
| KE1B       | JF3VEC     | KJ7NO      | JA6SUY     | WB4SON     |
| KO4PRE     | JG2LGM     | N0SL       | K2DF       |            |
| KW4MM      | JK1EBA     | N4XMX      | K4EZY      | <b>152</b> |
| LA1CO      | JK1NPH     | N6MM       | K4WM       | AC6BW      |
| N0AMI      | JM1JZN     | N8TFD      | KM2O       | AK9B       |
| N4KM       | JR1CAD     | W0JMP      | M0IFT      | BX5AA      |
| N7KDT      | K7LY       | W8LIG      | NH6L       | DF2WF      |
| N9LEO      | N0IW       | WB2RAJ     | NO9E       | DU1KT      |
| R3IS       | N4MEC      | WB9ZNZ     | NU1T       | G4AFJ      |
| SM7CZL     | N5WA       | WT2P       | OE1HHB     | IK5BSC     |
| VA2LC      | N8IL       |            | UT7EC      | K2EK       |
| W1OK       | NI5F       | <b>157</b> | W5SV       | K4RDU      |
| W1XV       | W1TO       | AB2E       | YB1AYO     | KD2OV      |
| W4PGM      | W9FF       | E20YLM     |            | KE9S       |
| W8MIL      | YO8CRU     | EI2JD      | <b>154</b> | N8IK       |
| WB9B       | ZS6RJ      | JA0NZR     | AC8TO      | N9GKE      |
| XE2YWH     |            | JA1UBZ     | AJ8B       | ON4LG      |
| YO3DDZ     | <b>159</b> | JA3MHA     | DS5WQT     | R9JX       |
|            | AA3AZ      | JE3OUW     | HB9ARK     | W6RFF      |
| <b>162</b> | CT1ESO     | JG1XBM     | JA0GZZ     | W7JET      |
| 4F1OZ      | DD0VE      | KN7Y       | JA1IHD     | YV4DYJ     |
| AB1J       | DK8IZ      | N4QM       | JA4HXF     |            |
| BH4IGO     | EA1P       | N6VH       | JA8ANQ     | <b>151</b> |
| DJ7JC      | IK0WMJ     | N7JB       | JE6PJP     | DF1IR      |
| DS3EXX     | JA0ED      | N9AZZ      | JH1AQN     | DL4KUG     |
| HS8KAY     | JA4FKO     | N9MB       | JR3QHJ     | J68HZ      |
| JR4CZM     | JG1WNO     | NJ6K       | K5DXR      | JA2BUR     |
| K0SRL      | JH1BHW     | NZ3M       | KC1ERO     | JE1COB     |
| KC4HN      | K0IO       | PY1NS      | KL7NW      | J13BFC     |
| N4BAF      | K1EDG      | W3HKK      | NE5W       | K1IG       |
| NP3CW      | K4SAF      |            | W4CIR      | K1QN       |
| W4NBS      | K8EB       | <b>156</b> | W5TMC      | K3GW       |
| W8FN       | K9QJ       | EA3HPX     | W8TM       | K4DET      |
|            | LA8ZAA     | G4FTC      | WA9MAG     | K7LAY      |
| <b>161</b> | N1MD       | GM3WIL     | WN7J       | K9AAA      |
| HB9GWJ     | N4GBK      | HB9HHH     |            | KE4BKL     |
| HB9MXY     | N4VG       | JA1CCG     | <b>153</b> | KE8G       |
| HL3ERJ     | NE5S       | JA2ODB     | HB9BEM     | KK4CLY     |
| JP7FSO     | NF7D       | JA9RT      | JA3UOQ     | N7MB       |
| K2OP       | OH3DP      | JH2AJY     | JH2NWP     | NU4I       |
| K4AR       | VA3NXM     | JL3DGI     | JR7MAZ     | SM0NUE     |
| KM4A       | W1EBM      | JM1LPN     | K0YL       | VA3EJN     |
| N7QT       | WD5BJT     | K2HT       | K3GO       | VA3HP      |
| N7VZ       | XE1MW      | KA9OKH     | K8ROK      | W3HER      |
| NA6XX      |            | N5QZ       | K9MMS      | W5WLA      |
| OK2ZDL     | <b>158</b> | N7RD       | K9UWY      | W6WA       |
| SM3PHM     | 9J2BS      | NK7Z       | K9YZ       | WA9JWL     |
| W5BK       | G4SGX      | W1MR       | KF9LI      | WC2C       |
| W5RDW      | IK1UGX     |            | KK4XL      |            |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| <b>150</b> | F5NNN      | <b>145</b> | W4JVN      | N7TW       |
| DK3BK      | IW5EIJ     | 5T5PA      | W4UFO      | NR0Q       |
| DK3FB      | JF2AIJ     | AA5TL      | W7VS       | NS0D       |
| DL9SAD     | JR3PKO     | AC7JM      | WY0V       | VE3NJC     |
| EI5GM      | K5LY       | AL7TC      | <b>142</b> | W5VU       |
| IT9ABN     | KA3GWD     | DL1MEV     | AA4DD      | W9BS       |
| IW7EDZ     | KB8ZUN     | EA4S       | JA1PUK     | WB1ASL     |
| IZ2MHT     | LZ1MDU     | EA7LS      | J11UHZ     | WW6G       |
| JA7GZM     | PY2CP      | F1OBJ      | K2CJ       | YB3MM      |
| JR7XOD     | VE6TL      | JH1CTV     | K3GT       | <b>139</b> |
| K5HK       | W4AFB      | JJ1OKK     | K9UO       | F5VML      |
| K8WHA      | W4AG       | K5FXB      | KA6BIM     | F6FHZ      |
| K9RT       | W8VI       | K9GWH      | KV7N       | HB9DTE     |
| KI7M       | W9GM       | KQ5M       | LA1J       | HL4CBX     |
| KX5U       | W9MAK      | KS0M       | W8WV       | K0QB       |
| N0TK       | <b>147</b> | N6KK       | <b>141</b> | K2WJ       |
| N6JOJ      | AB9KZ      | NS4X       | 7K3QPL     | K9TRV      |
| NM4SH      | EI7GY      | W3DQS      | 9H1AE      | KX4I       |
| ON6ZV      | G3VQO      | W7NP       | EA1T       | N0CKC      |
| SM0BSO     | I4JEE      | WR7Q       | EI3ISB     | N2SG       |
| VU2NXM     | IS0/YO3RA  | <b>144</b> | HB9EXQ     | N5RN       |
| W3KB       | JJ0LZQ     | AD0TR      | IZ3XEF     | N7UJJ      |
| W4IDX      | JK1OTP     | DL6DCD     | K2JK       | PY2OP      |
| W4NE       | K3GGN      | GM0VIT     | K4RM       | R9MJ       |
| WL7OU      | K5UZ       | K1TKL      | K5VG       | TA1PB      |
| ZS1C       | K8MRT      | K7QBO      | K8RCT      | ZL3TE      |
| <b>149</b> | KB1HY      | K8OS       | K9AAN      | <b>138</b> |
| 7N2JZT     | KB9LIE     | N5UE       | KA5SYP     | AC5AA      |
| DS4DRE     | SV8RX      | RN0C       | KA5VFU     | DL5KUT     |
| ER0FEO     | VE3FAC     | TF5B       | KE7BMG     | DL5ZB      |
| JA0JPD     | W3NRJ      | UY2UZ      | KO4DKI     | G0FWX      |
| K2KIB      | <b>146</b> | W0AIH*     | N5JED      | JA0CVC     |
| K2RET      | AE5B       | WB9W       | NZ6N       | JA1VRY     |
| K4TXJ      | DM5JBN     | WX3P       | SV2JU      | K2YSY      |
| K9EXY      | EA4D       | <b>143</b> | W1ITU      | K6CW       |
| KD4EE      | HP3TA      | AA4MM      | W1NA       | K9BO       |
| KM2E       | JA3KWZ     | AF3X       | W3IZ       | KC9G       |
| KP4DS      | K6NR       | EI7JZ      | W5GOL      | KF6A       |
| N0STL      | K8ARY      | FM5DN      | W6HDG      | KU9S       |
| NE0U       | K8POM      | HB9AAA     | WK9U       | N0LD       |
| NU4Y       | KB9AIT     | JA1MOD     | <b>140</b> | N3PV       |
| NZ0O       | KM8AM      | JF2RSF     | AD9DX      | N9BVA      |
| RT0F       | N6FS       | K2OO       | EI6JK      | OD5YA      |
| TF3Y       | N6RK       | K6LPO      | K0UBR      | OE6BME     |
| UA9MC      | N9MR*      | K9BQL      | K3HPA      | PV8ABC     |
| W1DAR      | NJ1Q       | KE4FW      | K4AU       | V31CQ      |
| W4DWS      | SM3DXC     | KG6D       | K5GZR      | VE3MSC     |
| W4MA       | TF4M       | KJ2U       | K6EV       | W0UHL      |
| WA1EHK     | WA2MUA     | KJ4R       | K6GCN      | W4EJG      |
| WF7T       | WA3SKQ     | KN7K       | K7VC       | WA1LAD     |
| <b>148</b> | WW8RT      | LB2TG      | K7YMG      | WA5POK     |
| 4F3BZ      | XE2B       | N2YBB      | LA8PDA     | <b>137</b> |
| A71AM      | YB1BML     | N4UP       | LZ2HM      | DL2RD      |
| AE0MO      | ZS6UT      | N7ZA       | N2TC       | G3PSM      |
| AI6P       |            | TG9AJR     |            |            |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| HL1MKT     | WA7HR      | W1GY       | IZ0FYW     | N0JR       |
| JH1SBE     | WB1DX      | W3MF       | JA2LMY     | N5EI       |
| K2CDJ      | WB3AVD     | W6OUL      | JH3PRR     | R3BB       |
| K2RKJ      | WB6FWS     | W9SE       | JL4BSE     | TF3MH      |
| K6IRA      | WB9IWN     | WA6MRK     | K2MHE      | UR9IDX     |
| KP4N       | WO5I       | WB1S       | KI0HA      | W0QD       |
| N9NFT      |            | YO3GJC     | KN4JX      | W5MF       |
| NI4Y       | <b>134</b> |            | N2YF       | W6IS       |
| OE3JAG     | AB0RX      | <b>132</b> | N5JEY      | W8BI       |
| PY3OG      | DL4ZAB     | AA4FU      | N7TM       | W9EBO      |
| SM5CSS     | EA6AZ      | AK3E       | NS4F       | W9TO       |
| SP3EPG     | IZ8DEO     | AK6I       | OZ6TL      | WA4UWD     |
| TA1AL      | JA5SEY     | I8NLC      | PU4MMZ     | WC4V       |
| W2GGY      | JA6GXP     | IK8OZV     | W1MO       | WP4CQ      |
| W4UEF      | JR0GXA     | IZ0COI     | W2FDM      | WQ1H       |
| W9MR       | JR1HYA     | JA9KRO     | W9CTJ      | ZS6AKU     |
| WA0WOF     | K3KY       | K4BNF      | WB8RFB     |            |
| WA5YOM     | K7FL       | K5SES      | YO8PS      | <b>127</b> |
| WG0G       | K7RAN      | KD3UY      |            | 7Z1HL      |
| WS1F       | K7YZO      | KG8OU      | <b>129</b> | AG4TO      |
| YB2IQ      | K9JDP      | KI7HO      | AD6KQ      | DJ5DT      |
|            | K9SUH      | KK5ID      | AE7U       | DL9GTB     |
| <b>136</b> | KA9JCP     | M3DFW      | DS4EJA     | EA4TX      |
| AC9GK      | KD2SC      | N3TR       | JA0AVS     | G8BCG      |
| G0OSK      | KF5WCP     | N4EDT      | JA1PLT     | HB9TJG     |
| IS0EBO     | KN4OK      | N4QOG      | JA2ACI     | HK6K       |
| KB8KIM     | LB5GI      | NN3V       | JA3WMS     | I2YPY      |
| NT5EE      | N1AH       | ON6YH      | JH1RFM     | JA0BES     |
| ON5GF      | N6XT       | SM7DXQ     | JN1SUT     | JE2VYM     |
| ON5RKN     | NC6RJ      | UW7UA      | K7ORK      | JG1LRE     |
| VE3FRR     | PA0QRB     | VU3WEW     | KB4KBS     | JG5DHX     |
| W0ANZ      | SM3WMU     | W3KHZ      | KN4WOJ     | JH1HRJ     |
| W4GH       | SP2LLP     | W4MC       | N9AVC      | J11MNT     |
| W4PV       | W2KNG      | W5FL       | SM2YIP     | JR1LZK     |
| W7KKC      | W4UAT      | WA1HXX     | VK5CE      | K2GW       |
| W7SX       | XE2AD      | WA1KXV     | W4BH       | K7LFY      |
| WX2K       |            | ZS1EL      | W7TG       | KF3N       |
|            | <b>133</b> |            | WU7X       | KS8W       |
| <b>135</b> | 7J1ABD     | <b>131</b> | XE1ILI     | LA2LI      |
| AA5H       | DL8OH      | JF2OHQ     |            | N0AB       |
| AB4FH      | G4NBS      | JH1IYY     | <b>128</b> | N0DL       |
| DL6WM      | GM1BSG     | JK8VMB     | A71XX      | N1BZ       |
| GM5YTT     | HB0WR      | JM1CMA     | EA1AHA     | N3GTG      |
| HZ1GW      | HK4EB      | K0ARM      | EA3NG      | NA1RL      |
| JA1DCK     | JA5IBP     | K7GA       | EI3IO      | ON5EQ      |
| JA3MIO     | JM1JIV     | KA5IAU     | F4GTB      | VE3EDY     |
| JA7MWC     | K6ME       | KB3IFH     | HL2DBP     | VU2TMP     |
| JJ1HLL     | KC2STA     | KD2NF      | JA6NQT     | W0MF       |
| JL2ULM     | KG6WIK     | N0AKC      | JH1AWJ     | W3KN       |
| K3WGR      | KI4TZ      | NG4DX      | JH4GXE     | WA2BOT     |
| K4OP       | KR4DA      | NN6K       | K6OJ       | WB2KSP     |
| KC3RKW     | LA9KY      | VE3NKS     | K7PTC      | WB9TFH     |
| KC9WPS     | N1BKB      | W5EC       | K9YKL      | WC2L       |
| NX8Y       | NT9F       |            | KC2WUF     |            |
| S53MJ      | OH4KRN     | <b>130</b> | KD5R       | <b>126</b> |
| W5IO       | OH7HM      | AA4QE      | KG2U       | CU7AJ      |
| W7QHE      | VU2ABS     | DL1SWN     | LU6XQB     | DS3EXT     |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| EI4HH      | G4RGK      | YB9WZJ     | UR5FLN     | LU9DO      |
| IK4TVP     | IT9YOZ     | ZS6NK      | W3/NH7C    | N6DW       |
| IU8GNY     | IZ1UKF     |            | W3JXP      | N8LCU      |
| JA5CDL     | IZ5BYJ     | <b>122</b> | W4CC       | ON8PHD     |
| JA5XPD     | JA3AOP     | AA0BH      | W4KCM      | SV1BYI     |
| K2GLS      | J11DMH     | AA5B       | W7PC       | SV2KF      |
| K5KDX      | K3SUI      | AB5YI      | W9MB       | VK7AP      |
| K5WRE      | K6VVK      | DB4RG      | WA7HQD     | W1ZK       |
| K7PO       | K7HC       | G0HSA      | WB7BBQ     | W3MRL      |
| K8GT       | KB8DID     | HC1HN      | WQ8T       | W6ZPL      |
| K9QA       | KC2NJ      | IU4BJC     | WT3Q       | W8EOG      |
| KC5RR      | KC4AA      | JA9ALR     | WU9D       | ZL2AO      |
| KK4CB      | KD9ZR      | K0HQW      |            |            |
| KM4CQG     | KE8NOA     | K1AJ       | <b>120</b> | <b>118</b> |
| KS4WA      | KK4TKJ     | K3DQB      | AA2T       | 6K5AQY     |
| N1GNB      | KV8P       | K4VAC      | AC4TO      | AE1T       |
| N5HC       | N0YO       | K9KJ       | AE5LK      | AJ6X       |
| N8YQX      | N4LSJ      | KB4ET      | AI2S       | DJ9KM      |
| N9XG       | N5VBK      | KN9N       | CT7ABD     | IZ0RPS     |
| VE3TMG     | NT4K       | N1ZZ       | CU2CE      | IZ1JIZ     |
| VK2DAG     | W0DD       | N4GRC      | DS3DNT     | JA2KPW     |
| VR2VGM     | W6ELI      | N9ATD      | DS5QLJ     | JA6CMQ     |
| W7FI       | W6ND       | UT9LC      | F5AQB      | K9KJS      |
| W9COS      | W8PAT      | W1ES       | IK8IPL     | KA9JAC     |
| XE3E       | WW5L       | W1HEO      | IT9JPS     | KB3KJ      |
|            | ZL3REX     | W1KKG      | JA1DCO     | KD9BIE     |
| <b>125</b> |            | W5HNC      | JH5OTE     | KG5VK      |
| AC4XO      | <b>123</b> | W6HB       | JJ1XVA     | KM6WXB     |
| AF8C       | AB4BJ      | WF5I       | K3QB       | KX6C       |
| EI8GS      | AB9BH      | XE2MX      | K5TU       | KY6AA      |
| G4EHT      | AE5FM      |            | K9CHP      | LZ1XZ      |
| IK8PGE     | AI5EG      | <b>121</b> | KJ6Y       | N3HYB      |
| IZ8EYN     | DJ6OZ      | 5H8HZ      | KM5VI      | N8KUS      |
| JP1GVC     | DS4DBF     | AK0A       | LU3XX      | NA9L       |
| K0MD       | G6NHU      | DL7UGO     | N0TR       | VR2CC      |
| K5NOF      | IK0XKP     | DS4OMS     | N1TQP      | W4VG       |
| K9ARZ      | IZ8LMA     | HA2EQD     | N2SO       | WA7ZXD     |
| KD0KZE     | JA1GLE     | IK6BMU     | N3DV       | WA8RCK     |
| KK5J       | JA2HOL     | JA1CPN     | N3GS       | WB5TOI     |
| KK7BR      | JH1RVQ     | JA1EYN     | N4UFP      | ZS2I       |
| NA7RH      | JL3RNZ     | JA1WTO     | NJ8G       |            |
| NN6CH      | K2JGL      | JE2DOD     | NR2D       | <b>117</b> |
| SM5AFU     | KC2THY     | J15WDC     | VE3QAA     | AD7L       |
| W0XE       | KG4OJT     | K1LTJ      | VR2ZXP     | CE3FZ      |
| W3ATV      | LA2XNA     | K3CWF      | VU3RGB     | F8EZE      |
| W4AO       | LX2SM      | K9MQ       | W1RG       | HB9MZI     |
| W5CWQ      | N1GFV      | KK4ODQ     | W5RYA      | IS0BZR     |
| W6PG       | N6DVR      | KU2A       | W6GJB      | IZ7QFN     |
| WA4TMJ     | N9RE       | N3ER       | WT5L       | JA8WGX     |
| WM4AA      | OH3TY      | N5ZY       | YB0AZ      | JA9KA      |
| WR2G       | PY2ADR     | NA2R       |            | JM3GXU     |
|            | SV7CUD     | NA4MM      | <b>119</b> | K0FF       |
| <b>124</b> | VE3VHH     | NY4G       | DL2VWR     | K4AEH      |
| 7L3SQL     | W2ARP      | OZ6EI      | F5BAR      | K9LCR      |
| DJ3EJ      | W2WKG      | PP2FN      | HL2MHU     | KA4AHU     |
| EC4KW      | W4UT       | TA1L       | JA6JYM     | KB2S       |
| EI8IQ      | WB8TGY     | UA0FDX     | K7LOL      | KB5CSQ     |



|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| KO4PY      | KG4URP     | JG0HEW     | WN1M       | N3YZ       |
| KP4ED      | MM1PTT     | JH1GNU     | ZL3PAH     | PV8AJ      |
| KZ1X       | N7PIB      | K1JKR      |            | TF8GX      |
| M0NGN      | NE1RD      | K2KNB      | <b>111</b> | W1ZZ       |
| N8AGU      | NG0G       | K4JDJ      | AD7XG      | W5JE       |
| VE7NY      | NW6V       | K4JLD      | AJ6V       | W6TCP      |
| W3LWH      | OE5MPL     | K4TR       | AK4N       | W7YED      |
| W4ARK      | SP5BMU     | K7BWC      | EI9CN      | W8TE       |
| W4PG       | W3UNX      | K7MO       | F8DZY      | W9GFB      |
| WB9WHQ     | W4OV       | K9DUR      | G4ZWY      | W9JJ       |
| YO6HOY     | W5WS       | KA5OWI     | HB9ECS     | YB1SKR     |
|            | WB4MM      | KB1OIQ     | JA4DLF     | YO5QAW     |
| <b>116</b> | WJ5K       | KB2TGU     | JA5EEU     | ZS5LEE     |
| 6K2ILX     | WS4H       | KC0V       | JE1TNL     |            |
| AA0FT      |            | LU3JVO     | K2KYH      | <b>109</b> |
| EA5GXI     | <b>114</b> | S52R       | K5NV*      | AA4RX      |
| EI4BZ      | G3CWW      | SV2DSJ     | K8ZEE      | AC8AZ      |
| G8GHD      | HC1HC      | VA3AYA     | K9JIG      | AF3K       |
| IZ2CSX     | I0BJV      | VK7ZE      | KI2Y       | DL9QJ      |
| JT1CO      | JA1CCH     | W1FC       | N4NYY      | F5DBT      |
| JT1DN      | JA1CPU     | W3JM       | NT5O       | F8DHE      |
| K1EO       | JA8EIA     | W6BBS      | PT7CB      | G0MMI      |
| K4GHS      | JG4OOU     | W7CD       | TA1UT      | JA1QEY     |
| K4LCP      | JM3XZC     | WB2UFF     | TA2RC      | JA5GOJ     |
| K8JRK      | JR4DHK     | WB9YJE     | TA7AZC     | JA9IWR     |
| K8MN       | K1RE       |            | VA6SZ      | JH4GNE     |
| KC1RET     | K2IRM      | <b>112</b> | W7WT       | J11ZS      |
| KD5RBU     | K3PL       | 3C3CA      | W8PE       | K0FD       |
| KQ5S       | KB1W       | 7Z1CQ      | WB8PKK     | K4AEN      |
| N0ATQ      | KI8AE      | DL5FAC     | WU4B       | K6JAD      |
| N0UCR      | N3DD       | G0DTX      | XE1ZTW     | KB3Z       |
| N2ZL       | NA1DX      | G3YFE      |            | KB7DT      |
| N4KEB      | NG8T       | GM0SCA     | <b>110</b> | M0AQM      |
| OE6CLD     | NK5K       | IK4EWN     | AC0B       | N4LS       |
| RW6MBC     | W0QKL      | IS0BQE     | AG5Z       | N4WD       |
| SM1NJC     | W2ZK       | JA4RED     | CT7ANG     | N6RVI      |
| VR2IL      | W8LR       | JF3AHI     | DK4MX      | NN8L       |
| VY2RU      | WD0AJG     | JH0LME     | EA1BLA     | NW6R       |
| W0LGQ      | WN0L       | K0XM       | EI9HX      | NX1P       |
| W1HQ       | WT9U       | K4HEB      | G4VWI      | PF7M       |
| W7WES      | YB2BNN     | K4ZMV      | G6MXL      | PV8DX      |
| W9LU       | ZS4JAN     | K4ZRJ      | HB9BEP     | SP7ASZ     |
| WA4VJK     |            | K8CJY      | HG6IA      | T88UW      |
| WW5RC      | <b>113</b> | K9KDS      | IZ1EPM     | VU3WUA     |
|            | AB1NS      | KH6P       | JF3KOA     | W3GP       |
| <b>115</b> | DL2DCX     | N0OK       | JH1FRW     | W4JDS      |
| AA9WO      | EA5DPL     | N8AID      | JR2PAU     | W5SG       |
| AF7WM      | EI2FG      | NQ4A       | K3MSB      | W7CB       |
| E74A       | F5EOT      | NZ7Q       | K4KAL      | W7VP       |
| HL4RBR     | F8GB       | S51DV      | K4RP       | WA6URY     |
| IW2FLB     | G0UII      | W1USN      | K6DJ       |            |
| JA0NPQ     | G4NAQ      | W3WN       | K6SLO      | <b>108</b> |
| JH8LEY     | G4YCS      | W4LLP      | K9TVG      | 7M4CLF     |
| JJ2VLY     | HB9GZE     | W5GCX      | KF8PD      | AC8MR      |
| K8CR       | JA2CPD     | WD8LTM     | KN6HIP     | AC9DX      |
| KB4CRT     | JA4CSJ     | WF4W       | KV3W       | DB9CR      |
| KB7V       | JF1AZQ     | WJ1B       | N1TQ       | DL1TPY     |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| DL2AMD     | KB0EL      | N8OYY      | WD4OHD     | YB1BUL     |
| DL2NAI     | KF2G       | N9ZJ       | WK3A       | YO6HSU     |
| DM5TI      | KF6XA      | NG4C       | WZ9B       | ZS6HON     |
| DU1IVT     | KI0KN      | NI7F       | YU1LD      |            |
| E70X       | KJ4FZ      | NS7K       | YV4EH      | <b>103</b> |
| EA5XV      | KR4U       | PT2DF      |            | AF8P       |
| G5CL       | LU5OM      | PY2OC      | <b>104</b> | DS5JMG     |
| IK1RKN     | N0MHL      | UA0ABB     | 7N4OBV     | EA2RY      |
| JA2DCN     | N1UZ       | VE3BHZ     | AA2WC      | EI9GLB     |
| JA2KGQ     | NC7M       | VE3XK      | AA6XV      | FM4LV      |
| JH1OVY     | NI8Z       | VU2MB      | AB5GU      | HB0RER     |
| JR4NUN     | OV2B       | W0TLX      | CT3DZ      | JA7HYE     |
| K1FUG      | PP5VA      | W4/KL7GLL  | DD8BA      | JF1KIG     |
| K3XO       | RM6LW      | W6KF       | EA4EJP     | JI1FXS     |
| K8LBT      | SV3EXP     | W7GB       | EI3HA      | JP1KHY     |
| KC8YG      | TA1CQ      | WA3IIA     | EI4GNB     | K0OOK      |
| KE3ZT      | UX5XK      | WA8Y       | F6ARS      | K1FBI      |
| KE7AUB     | V31MD      | WV4E       | G0DRM      | K2RNY      |
| KI4SFT     | VA2GA      | ZL3RIK     | GW0ANA     | K3PIN      |
| KJ2AM      | W5HY       |            | HA5DI      | K3TXW      |
| KJ4SKO     | W8JA       | <b>105</b> | HB9BMY     | K4NI       |
| KO4XI      | WB2BXO     | AA2F       | JA1CC      | K4PWS      |
| KW1X       | WB2MKX     | AI1W       | JA1DHY     | K4SAW      |
| LU2AH      | WM4W       | AP2IA      | JA1RBY     | K6XJ       |
| N2IFA      | WS7I       | DL9GTK     | JH1MYJ     | K7HV       |
| N3TTT      | WU1U       | E29TGW     | JI4HKA     | K9WMS      |
| N5FPW      | ZP6CW      | EI6GF      | JQ2MPJ     | KA7CVJ     |
| N5TW       |            | FM5FJ      | K0BRO      | KP4DDY     |
| N7TP       | <b>106</b> | G3LOJ      | K1TWF      | KQ6K       |
| TF1A       | AB6WQ      | GM1TBW     | K2CQW      | M0UPL      |
| VE7VV      | AC7DX      | HL4GHT     | K4WW       | N1MIE      |
| W4DVG      | AC8IL      | JA1JYS     | K5JUC      | N8URE      |
| W6CN       | DS2GOO     | JE6UWU     | K7UW       | NB3R       |
| W7SMW      | DS5MNO     | JJ2BLV     | K8WVA      | NI5G       |
| WB5ZAM     | EA3AGY     | JK1AIA     | KE4YOG     | RX3BP      |
| WC4B       | EW4DX      | JK1AKA     | KE9V       | VE7XT      |
|            | F5VIF      | K0MB       | N1FOJ      | W0PPA      |
| <b>107</b> | F6JSZ      | K1ETA      | N3PW       | W2SUB      |
| AB7RW      | G0OJG      | K5WE       | N4PAJ      | W4CU       |
| BG8PA      | G0RPM      | K7CMZ      | N4ZR       | W7KHZ      |
| DJ5FZ      | G3LPS      | K8FB       | N8TEM      | W7UV       |
| DK2GP      | HI7SB      | KJ8N       | N8WXQ      | W8EH       |
| E73D       | IZ4IRO     | KK4MA      | NA8W       | WA8KNE     |
| EA2BFM     | JA3FRI     | KZ4EX      | OM6CI      | WC9C       |
| EI5GSB     | JF7NNI     | LA9JKA     | OZ9U       | YB1ALL     |
| G4FVZ      | JJ1IRS     | LZ1JZ      | PY2YW      | ZL1IM      |
| IC8XIL     | K6VWE      | N2YU       | R6TY       |            |
| IW1PVT     | KA1CTL     | N9APK      | RV4LC      | <b>102</b> |
| JA3MAT     | KA9TOX     | N9IXD      | VE3ZN      | 4X1VF      |
| JE1CTA     | KD2RUY     | NC1M       | VK3MB      | 5W1SA      |
| K0FJ       | KI4NSP     | NK7L       | W0VU       | AC0XY      |
| K2FJ       | KM8V       | OH6IH      | W5PD       | DB2WD      |
| K2ZD       | KT5V       | PV8RR      | W9GXR      | DL4FDM     |
| K4LQ       | M0PCB      | VU2DED     | WB4HMA     | IC8SQS     |
| K6DLB      | N4DJT      | W1MRH      | WB7QXU     | IZ7QSS     |
| K7UWR      | N6UOZ      | W1PY       | WF8Z       | JH1IHG     |
| KA4LBD     | N7MW       | WB8LEM     | WX0B       | K1MDA      |

|            |            |        |        |        |
|------------|------------|--------|--------|--------|
| K2DH       | JA5JUG     | AE0SQ  | KB4DSL | WA2ALY |
| K2DW       | JK3NSD     | AE4VJ  | KB6IGK | WA2VJL |
| K4HR       | K0GEO      | AF9W   | KC5N   | WA3UTC |
| K6BLG      | K3AXB      | AK1P   | KD1DT  | WA3YZD |
| K6JAV      | K3LA       | AK4AO  | KE1IU  | WA6VZN |
| KA8HDE     | K5HX       | DB6VH  | KF5MDZ | WB0RXQ |
| KB1AWM     | K8PGJ      | DC1TK  | KF5TL  | WB2AA  |
| KG5POL     | K9GL       | DK1MCS | KF9EX  | WB2ZEX |
| KO3F       | KB5YN      | DK7GH  | KG4IYS | WB6RAB |
| N2CJN      | KC3OPI     | DL3ANK | KI0G   | WB6RJH |
| N2FY       | KC4ZA      | DL5JH  | KI3O   | WD1M   |
| N4IR       | KE9UA      | DS4GQR | KI4PG  | WD4GZW |
| N8KOJ      | KJ5RC      | EA5PS  | KK6MF  | WI0E   |
| NA4D       | KU4A       | EI2HQB | KL2R   | WK7W   |
| NN5O       | LA3ANA     | EI4DQ  | KL7XO  | WM4D   |
| R9GM       | M0PTZ      | EI4GJB | KR4Q   | WM9Q   |
| S51MA      | M5LRO      | EW4A   | LA4EI  | WU1T   |
| SM0XG      | N3CAL      | F5JWH  | M1EMC  | YB6LAY |
| US8ZAL     | N4PF       | G0GFC  | N0JX   | YE1AR  |
| VK2GR      | N8ERL      | G8GFF  | N0KM   | ZS1IS  |
| W1GF       | NC8I       | GW0KRL | N0VTZ  | ZS6CR  |
| W4GHW      | NJ2X       | HB9HFM | N1KI   |        |
| W7FS       | NZ1I       | IK7NXU | N3NVA  |        |
| W7HJ       | OZ5JQ      | JA7PKV | N4GOA  |        |
| W7IMU      | PA3AIN     | JE7KCI | N5CR   |        |
| W9GWP      | R2ARR      | JG3LDD | N5LJL  |        |
| WB4PWZ     | RZ6MJ      | JG5VFK | N5LKE  |        |
| WB7QBS     | SV2BXA     | JI1LLD | N7WFK  |        |
| WD6T       | SV4FFL     | JN1RFY | N7WR   |        |
| WD9IOK     | TG9AKH     | JR4VEV | N8HM   |        |
| WN9A       | UA4PK      | K0FTC  | N8XS   |        |
| XE1SAX     | VK4BUI     | K0JDD  | N9MKC  |        |
| YB0EIN     | VU2OT      | K1HC   | ND0B   |        |
| YB9AY      | W0ZX       | K1JX   | NE3K   |        |
| YO6BHN     | W2FDJ      | K1PTF  | NX6D   |        |
| ZS2ACP     | W2GHD      | K1XO   | OM2AGN |        |
|            | W2GM       | K2UF   | OR4K   |        |
| <b>101</b> | W3RMS      | K2UT   | OZ1GCT |        |
| AA9D       | W3SW       | K3NO   | OZ9GA  |        |
| AB2NI      | W4PM       | K3RRR  | PY5VC  |        |
| AB4EJ      | W6OU       | K3WSU  | R2AB   |        |
| AB8YZ      | WB5KSD     | K4GM   | UR8IDX |        |
| C31MF      | WM5H       | K4KYN  | VA2EU  |        |
| DD9WG      | WU6K       | K4KZM  | VE1JF  |        |
| DL3XAC     | WX7B       | K4QS   | VE3KKB |        |
| EA4OR      | XE1AO      | K4RSA  | VR2PX  |        |
| EA4UV      | YB8HZ      | K4TMG  | VU2OY  |        |
| EA8TZ      | YO2OXD     | K5KEW  | W0RMS  |        |
| G3VDB      |            | K5LLA  | W1MJC  |        |
| G4GEE      | <b>100</b> | K5MMH  | W2MW   |        |
| G4PUQ      | 2E0XAR     | K5PSN  | W4CG   |        |
| G8GNI      | 9M8DEN     | K5VSD  | W4DFU  |        |
| HB9PUE     | A41ZZ      | K5YE   | W4YR   |        |
| IK2HLM     | A71EM      | K7VL   | W5YKU  |        |
| IU2LFP     | AA7UN      | K9EA   | W6OZI  |        |
| JA1KZP     | AC0DH      | KA2F   | W9KM   |        |
| JA5ALE     | AD4J       | KA4H   | W9ZT   |        |