

AM Daytime Study

Reference Station:

Call: WSTP

Freq: 1490 kHz

SALISBURY, NC, US

Lat: 35-40-44 N

Power: 1.0 kW

Lng: 080-30-23 W

Theo RMS: 312.86 mV/m @ 1km

| # | Field Ratio | Phase (deg) | Spacing (deg) | Orient (deg) | Height (deg) | Ref Swrch | TL Swrch | A (deg) | B (deg) | C (deg) | D (deg) |
|---|----------------|----------------|------------------|-----------------|-----------------|--------------|-------------|------------|------------|------------|------------|
| 1 | 1.000 | 0.0 | 0.0 | 0.0 | 110.7 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Call | Freq | City | ST | Dist | Azi | In | Out |
|------|------|---------------|----|-------|-------|----------|----------|
| WSTP | 1490 | SALISBURY | NC | 1.4 | 43.1 | -1550.25 | -3332.50 |
| WGFY | 1480 | CHARLOTTE | NC | 55.1 | 217.4 | -1411.50 | -1465.00 |
| WSMX | 1500 | WINSTON-SALE | NC | 49.3 | 27.4 | -139.00 | -185.50 |
| WLOE | 1490 | EDEN | NC | 113.1 | 36.0 | 12.67 | -31.75 |
| WSVM | 1490 | VALDESE | NC | 96.2 | 273.3 | 8.47 | -7.50 |
| WGCD | 1490 | CHESTER | SC | 125.9 | 210.0 | -0.25 | -4.50 |
| WGCD | 1490 | CHESTER | SC | 125.9 | 210.0 | 12.51 | -3.50 |
| WSVM | 1490 | VALDESE | NC | 98.7 | 274.0 | 10.29 | 1.25 |
| WRKB | 1460 | KANNAPOLIS | NC | 23.1 | 202.8 | 11.70 | 11.70 |
| WDSL | 1520 | MOCKSVILLE | NC | 22.6 | 352.1 | 13.56 | 13.56 |
| WDUR | 1490 | DURHAM | NC | 149.7 | 78.1 | 20.87 | 16.62 |
| WAZZ | 1490 | FAYETTEVILLE | NC | 160.7 | 115.4 | 52.69 | 38.80 |
| WWBG | 1470 | GREENSBORO | NC | 74.8 | 45.8 | 51.04 | 51.04 |
| WEAL | 1510 | GREENSBORO | NC | 77.2 | 56.8 | 52.69 | 52.69 |
| WZZQ | 1500 | GAFFNEY | SC | 122.4 | 237.3 | 62.47 | 62.30 |
| WOPI | 1490 | BRISTOL | TN | 180.4 | 303.8 | 78.38 | 74.45 |
| WPCI | 1490 | GREENVILLE | SC | 187.8 | 242.4 | 91.29 | 87.29 |
| WPCI | 1490 | GREENVILLE | SC | 196.4 | 241.6 | 104.88 | 97.74 |
| WAEY | 1490 | PRINCETON | WV | 197.1 | 344.2 | 106.39 | 99.14 |
| WQTM | 1480 | FAIR BLUFF | NC | 203.7 | 138.0 | 103.65 | 107.34 |
| WTOY | 1480 | SALEM | VA | 180.9 | 12.3 | 104.22 | 108.60 |
| WTQS | 1490 | CAMERON | SC | 236.9 | 185.2 | 134.25 | 110.67 |
| WRMT | 1490 | ROCKY MOUNT | NC | 243.5 | 84.1 | 150.44 | 124.66 |
| WTOE | 1470 | SPRUCE PINE | NC | 146.8 | 279.4 | 125.17 | 125.17 |
| WYRN | 1480 | LOUISBURG | NC | 206.6 | 77.2 | 142.37 | 137.95 |
| WPAK | 1490 | FARMVILLE | VA | 262.1 | 46.8 | 163.99 | 150.89 |
| WWIL | 1490 | WILMINGTON | NC | 283.0 | 125.3 | 166.10 | 156.56 |
| WQUL | 1510 | WOODRUFF | SC | 174.2 | 233.6 | 156.83 | 156.83 |
| WTZE | 1470 | TAZEWELL | VA | 186.8 | 329.4 | 160.63 | 160.63 |
| WQXL | 1470 | COLUMBIA | SC | 196.9 | 194.2 | 168.68 | 168.68 |
| WNKW | 1480 | NEON | KY | 259.8 | 309.8 | 179.45 | 187.50 |
| WWNB | 1490 | NEW BERN | NC | 318.3 | 102.0 | 198.09 | 188.39 |
| WPFJ | 1480 | FRANKLIN | NC | 264.4 | 257.1 | 189.88 | 193.55 |
| WCHM | 1490 | CLARKESVILLE | GA | 300.7 | 245.9 | 208.33 | 202.95 |
| WFXV | 1490 | MIDDLESBORO | KY | 306.3 | 288.8 | 209.54 | 207.65 |
| WSIP | 1490 | PAINTSVILLE | KY | 310.6 | 318.8 | 207.37 | 207.78 |
| WSYL | 1490 | SYLVANIA | GA | 342.7 | 197.1 | 225.11 | 214.56 |
| WSWW | 1490 | CHARLESTON | WV | 313.3 | 341.3 | 223.85 | 215.85 |
| WITA | 1490 | KNOXVILLE | TN | 314.2 | 274.9 | 225.36 | 216.28 |
| WJFC | 1480 | JEFFERSON CIT | TN | 273.1 | 279.1 | 218.47 | 216.73 |
| WSGB | 1490 | SUTTON | WV | 330.6 | 356.7 | 239.31 | 233.17 |
| WVGB | 1490 | BEAUFORT | SC | 360.2 | 182.8 | 242.38 | 235.69 |
| WZJY | 1480 | MOUNT PLEASA | SC | 322.6 | 169.1 | 243.32 | 242.91 |
| WKUN | 1490 | MONROE | GA | 358.4 | 233.8 | 244.01 | 250.23 |
| WSNT | 1490 | SANDERSVILLE | GA | 367.4 | 214.6 | 254.89 | 258.52 |
| WXTG | 1490 | HAMPTON | VA | 399.9 | 69.2 | 276.91 | 262.48 |
| WCVA | 1490 | CULPEPER | VA | 383.4 | 36.5 | 279.84 | 279.13 |

| Call | Freq | City | ST | Dist | Azi | In | Out |
|------|------|---------------|----|-------|-------|--------|--------|
| WTOX | 1480 | GLEN ALLEN | VA | 344.3 | 50.7 | 290.23 | 283.19 |
| WYYZ | 1490 | JASPER | GA | 382.5 | 248.5 | 289.92 | 283.19 |
| WCSV | 1490 | CROSSVILLE | TN | 410.4 | 272.9 | 318.11 | 311.06 |
| WBKE | 1490 | FAIRMONT | WV | 422.2 | 4.5 | 317.46 | 314.63 |
| WMOA | 1490 | MARIETTA | OH | 423.9 | 348.0 | 330.69 | 325.19 |
| WKXO | 1500 | BEREA | KY | 400.0 | 300.8 | 330.78 | 328.06 |
| WJOC | 1490 | CHATTANOOGA | TN | 438.7 | 259.5 | 325.50 | 329.48 |
| WTLO | 1480 | SOMERSET | KY | 403.9 | 291.4 | 343.64 | 343.42 |
| WYZE | 1480 | ATLANTA | GA | 415.0 | 237.4 | 339.42 | 343.53 |
| WDEB | 1500 | JAMESTOWN | TN | 408.1 | 280.4 | 346.77 | 346.81 |
| WRWM | 1500 | MACON | GA | 428.5 | 221.3 | 357.80 | 360.15 |
| WBEX | 1490 | CHILLICOTHE | OH | 461.2 | 330.7 | 371.21 | 363.56 |
| WPWC | 1480 | DUMFRIES-TRIA | VA | 426.6 | 42.2 | 367.29 | 364.64 |
| WDPC | 1500 | DALLAS | GA | 439.4 | 242.8 | 359.64 | 364.67 |
| WBGA | 1490 | BRUNSWICK | GA | 509.0 | 189.9 | 360.54 | 366.25 |
| WBGA | 1490 | BRUNSWICK | GA | 509.0 | 189.9 | 371.53 | 366.54 |
| WKYW | 1490 | FRANKFORT | KY | 482.2 | 304.2 | 344.64 | 367.24 |
| WCLU | 1490 | GLASGOW | KY | 503.0 | 285.1 | 389.33 | 394.15 |
| WARK | 1490 | HAGERSTOWN | MD | 502.7 | 30.2 | 398.27 | 396.98 |
| WCOR | 1490 | LEBANON | TN | 523.0 | 274.7 | 407.79 | 414.00 |
| WNTJ | 1490 | JOHNSTOWN | PA | 534.5 | 15.8 | 423.89 | 428.85 |
| WRLA | 1490 | WEST POINT | GA | 531.9 | 232.9 | 437.40 | 432.01 |
| WFZX | 1490 | ANNISTON | AL | 535.5 | 244.1 | 442.56 | 435.94 |
| WOHI | 1490 | EAST LIVERPO | OH | 549.6 | 359.1 | 438.40 | 443.36 |
| WMRN | 1490 | MARION | OH | 594.0 | 336.4 | 431.64 | 457.45 |
| WJJM | 1490 | LEWISBURG | TN | 569.4 | 265.6 | 455.05 | 460.59 |
| WKBV | 1490 | RICHMOND | IN | 603.3 | 318.4 | 443.28 | 474.74 |
| WIEZ | 1490 | DECATUR | AL | 602.8 | 256.6 | 505.42 | 497.64 |
| WLPA | 1490 | LANCASTER | PA | 610.1 | 38.5 | 497.30 | 499.96 |
| WSFB | 1490 | QUITMAN | GA | 613.8 | 206.9 | 521.25 | 501.01 |
| WOMI | 1490 | OWENSBORO | KY | 633.2 | 289.2 | 492.93 | 509.19 |
| WERE | 1490 | CLEVELAND HEI | OH | 654.6 | 351.3 | 507.40 | 532.08 |
| WMGW | 1490 | MEADVILLE | PA | 661.4 | 2.6 | 513.95 | 532.68 |
| WBSS | 1490 | PLEASANTVILLE | NJ | 670.8 | 54.0 | 498.84 | 540.62 |
| WIRB | 1490 | LEVEL PLAINS | AL | 690.5 | 223.9 | 580.84 | 584.23 |
| WHBB | 1490 | SELMA | AL | 699.9 | 237.3 | 572.93 | 586.48 |