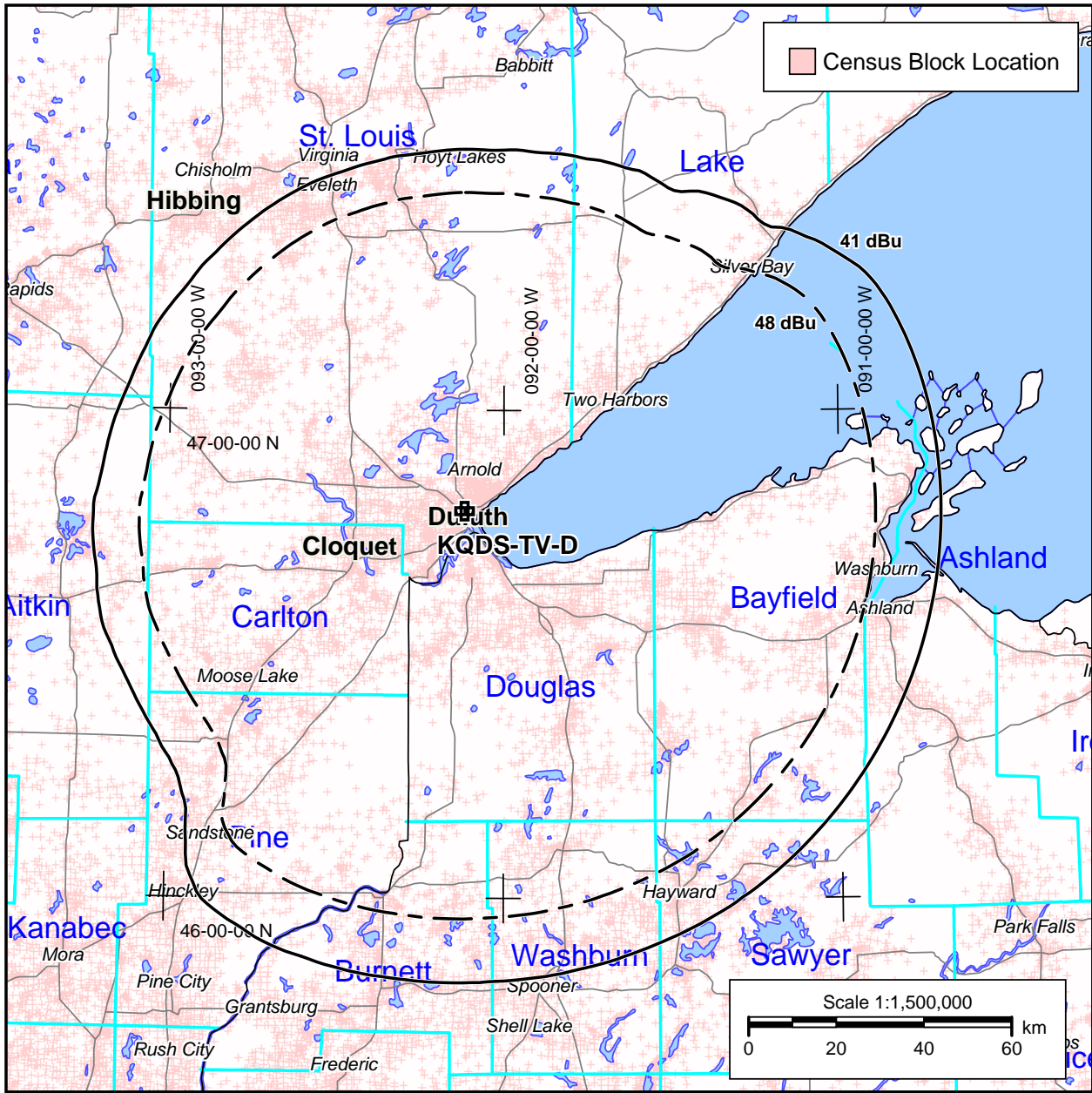




KQDS-TV Channel 17, Duluth, MN - Coverage Map at 1000 kW ERP



KQDS-TV-D

Duluth, MN
BLCDDT20060707ADN
Channel: 172C
Latitude: 46-47-37 N
Longitude: 092-07-03 W
ERP: 1000.00 kW
HAAT 299.0 m
Frequency: 491.0 MHz
AMSL Height: 609.7 m
Elevation: 377.0 m
Horiz. Pattern: Omni
Study Date: 8/11/2015

Population & Housing in Coverage Contours

Population Database: 2010 US Census

Coverage report for field strength values > 41.00 dBu

Total Population covered by KQDS-TV-D: 292,586
Total Housing Units covered by KQDS-TV-D: 159,709
Total Area covered by KQDS-TV-D: 29202.31 sq. km
Total Area where population exists: 3204.70 sq. km

Coverage report for field strength values > 48.00 dBu

Total Population covered by KQDS-TV-D: 237,062
Total Housing Units covered by KQDS-TV-D: 123,498
Total Area covered by KQDS-TV-D: 22000.81 sq. km
Total Area where population exists: 2393.59 sq. km

KQDS at 1000 kW ERP
Population Database: 2010 US Census

Coverage report for field strength values > 41.00 dBu

Total Population covered by KQDS-TV-D: 292,586
Total Housing Units covered by KQDS-TV-D: 159,709
Total Area covered by KQDS-TV-D: 29202.31 sq. km
Total Area covered by KQDS-TV-D where population exists: 3204.70 sq. km

| | Housing Units | Population |
|------------------|---------------|------------|
| ----- | | |
| Minnesota | | |
| Aitkin County | | |
| County Total | 16,029 | 16,202 |
| KQDS-TV-D | 805 | 789 |
| Carlton County | | |
| County Total | 15,656 | 35,386 |
| KQDS-TV-D | 15,656 | 35,386 |
| Itasca County | | |
| County Total | 27,065 | 45,058 |
| KQDS-TV-D | 45 | 54 |
| Lake County | | |
| County Total | 7,681 | 10,866 |
| KQDS-TV-D | 5,842 | 9,564 |
| Pine County | | |
| County Total | 17,276 | 29,750 |
| KQDS-TV-D | 8,746 | 13,280 |
| St. Louis County | | |
| County Total | 103,058 | 200,226 |
| KQDS-TV-D | 67,072 | 143,379 |
| ----- | | |
| | Housing Units | Population |
| Wisconsin | | |
| Ashland County | | |
| County Total | 9,656 | 16,157 |
| KQDS-TV-D | 5,280 | 10,547 |
| Bayfield County | | |
| County Total | 12,999 | 15,014 |
| KQDS-TV-D | 12,939 | 15,005 |
| Burnett County | | |
| County Total | 15,278 | 15,457 |
| KQDS-TV-D | 8,545 | 5,924 |
| Douglas County | | |
| County Total | 22,825 | 44,159 |
| KQDS-TV-D | 22,825 | 44,159 |
| Sawyer County | | |
| County Total | 15,975 | 16,557 |
| KQDS-TV-D | 5,895 | 8,541 |
| Washburn County | | |
| County Total | 12,979 | 15,911 |
| KQDS-TV-D | 6,059 | 5,958 |

KQDS 1000 kW 48 dBu Signal

Population Database: 2010 US Census (PL)

Coverage report for field strength values > 48.00 dBu

Total Population covered by KQDS-TV-D: 237,062

Total Housing Units covered by KQDS-TV-D: 123,498

Total Area covered by KQDS-TV-D: 22000.81 sq. km

Total Area covered by KQDS-TV-D where population exists: 2393.59 sq. km

| | Housing Units | Population |
|------------------|---------------|------------|
| ----- | | |
| Minnesota | | |
| Aitkin County | | |
| County Total | 16,029 | 16,202 |
| KQDS-TV-D | 16 | 11 |
| Carlton County | | |
| County Total | 15,656 | 35,386 |
| KQDS-TV-D | 15,556 | 35,254 |
| Lake County | | |
| County Total | 7,681 | 10,866 |
| KQDS-TV-D | 4,655 | 7,534 |
| Pine County | | |
| County Total | 17,276 | 29,750 |
| KQDS-TV-D | 4,875 | 6,487 |
| St. Louis County | | |
| County Total | 103,058 | 200,226 |
| KQDS-TV-D | 59,874 | 129,664 |
| ----- | | |
| Wisconsin | | |
| Bayfield County | | |
| County Total | 12,999 | 15,014 |
| KQDS-TV-D | 8,902 | 9,616 |
| Burnett County | | |
| County Total | 15,278 | 15,457 |
| KQDS-TV-D | 3,503 | 1,798 |
| Douglas County | | |
| County Total | 22,825 | 44,159 |
| KQDS-TV-D | 22,825 | 44,159 |
| Sawyer County | | |
| County Total | 15,975 | 16,557 |
| KQDS-TV-D | 426 | 381 |
| Washburn County | | |
| County Total | 12,979 | 15,911 |
| KQDS-TV-D | 2,866 | 2,158 |