

Montana State University - Billings

REFERENCE
44 49 04.0 N.
107 54 09.0 W.

CH# 218D - 91.5 MHz, Pwr= 0.084 kW, HAAT= 0.0 M, COR= 3031 M
Average Protected F(50-50)= 5.39 km

DISPLAY DATES
DATA 04-16-09
SEARCH 05-02-09

| CH CITY | CALL | TYPE STATE | ANT AZI <-- | DIST FILE # | LAT LNG | PWR(kW) HAAT(M) | INT(km) COR(M) | PRO(km) LICENSEE | *IN* (Overlap in km) | *OUT* |
|---|--------|---------------|-------------------|----------------------------|---------------------------|--------------------|-------------------|------------------------------------|-------------------------|----------|
| 218D Greybull | K216BH | APP _C_ WY | 0.0 0.0 | 0.00 BPFT20090323ABJ | 44 49 04.0 107 54 09.0 | 0.084 | 67.2 3031 | 20.9 Montana State University - | -76.73*< | -55.25*< |
| 216D Greybull TRANSLATOR FOR KEMC, BILLINGS, MT. | K216BH | LIC DHN WY | 199.7 19.7 | 0.20 BLFT19871229TF | 44 48 58.0 107 54 12.0 | 0.084 752 | 0.2 3045 | 7.8 Montana State University - | -34.91*< | -8.21*< |
| 221C Byron | AL7101 | RSV _ WY | 257.5 76.7 | 90.99 RM10424 | 44 38 08.0 109 01 20.0 | 100.000 600 | 16.0 2208 | 98.2 | 40.27 | -7.80*< |
| 06Z2C Billings | KSVI | LI _HN MT | 342.9 162.6 | 115.20 BLCT19930119KE | 45 48 26.0 108 20 25.0 | 100.000 249 | 1.2 1287 | 98.6 Nexstar Broadcasting, Inc. | 131.5R | 15.4M |
| 217A Cody | KOFG | LIC _CX WY | 250.6 69.7 | 105.39 BLED20080924AAJ | 44 29 46.0 109 09 09.0 | 0.150 553 | 51.5 2340 | 33.5 Tres Hermanas Educational | 20.66 | 20.51 |
| 219D World | K273AD | CP DV_ WY | 177.8 357.8 | 83.65 BPFT20061002BPP | 44 03 56.0 107 51 43.0 | 0.170 | 18.6 1439 | 12.5 Western Inspirational Broa | 32.84 | 21.38 |
| 217A Sheridan | KSUW | LIC _CN WY | 107.0 287.7 | 80.63 BLED19971117KA | 44 36 09.0 106 55 51.0 | 0.450 345 | 48.1 1979 | 31.1 University Of Wyoming | 26.39 | 40.69 |
| 215C3 Wyola | KZXZ | CP DCX MT | 77.5 258.0 | 54.35 BNPED20071022BIM | 44 55 16.0 107 13 49.0 | 30.000 55 | 2.4 1364 | 23.6 1 A Chord, Inc | 43.21 | 30.56 |
| 219C1 Billings | KEMC | LIC _C_ MT | 331.0 150.5 | 107.16 BMLED19940425KA | 45 39 31.0 108 34 14.0 | 100.000 158 | 65.1 1280 | 35.5 Montana State University - | 33.31 | 55.99 |
| 218C1 Miles City 5/13/2008: | NEW | CP _CX MT | 37.2 218.2 | 190.94 BNPED20071019BDK | 46 10 32.0 106 24 21.0 | 60.000 193 | 147.5 1051 | 58.2 Hi-Line Radio Fellowship, | 34.47 | 102.64 |
| Accepted on channel 218C1 by Industry Canada in 5/12/2008 letter, not specially negotiated. | | | | | | | | | | |
| 216C1 Cody | KOFG | APP _CX WY | 250.6 69.7 | 105.39 BMPED20090319ACO | 44 29 46.0 109 09 09.0 | 4.000 549 | 4.1 2335 | 64.9 Tres Hermanas Educational | 68.03 | 39.99 |
| 216C1 Cody | KOFG | CP _CX WY | 250.6 69.7 | 105.39 BMPED20081125ABZ | 44 29 46.0 109 09 09.0 | 4.000 549 | 4.1 2335 | 64.9 Tres Hermanas Educational | 68.03 | 39.99 |
| 06NT Manderson, Etc. | K06KW | LI DHN WY | 183.0 3.0 | 61.82 BLTTV19830419IE | 44 15 44.0 107 56 36.0 | 0.005 32 | 7.3 1242 | 1.6 Town Of Manderson | 131.5R | 52.9M |
| 217C2 Thermopolis | KUWT | LIC DCX WY | 182.8 2.8 | 153.52 BLED20061005ADD | 43 26 16.0 107 59 48.0 | 2.000 598 | 65.5 2510 | 43.2 University Of Wyoming | 53.98 | 58.20 |
| 06NT Sheridan, Etc. | K06AT | LI DHN WY | 108.9 289.5 | 65.93 BLTTV3690 | 44 37 24.0 107 06 59.0 | 0.232 66 | 1.6 1396 | 6.2 Nexstar Broadcasting, Inc. | 131.5R | 58.1M |
| 06NT Clarks Fork, Etc. | K06KT | LI DHN WY | 274.1 92.9 | 137.56 BLTTV19830314IF | 44 53 37.0 109 38 22.0 | 0.046 103 | 5.1 2201 | 7.3 Park County | 131.5R | 6.1M |
| 06NT Wood River, Etc. | K06DJ | LI DHN WY | 225.2 44.5 | 116.54 BLTTV19781208IE | 44 04 30.0 108 56 10.0 | 0.048 391 | 5.1 2180 | 7.3 Park County | 131.5R | 104.2M |
| 06NT South Fork, Etc. | K06KS | LI DHN WY | 243.8 62.7 | 144.37 BLTTV19830314IB | 44 14 03.0 109 31 30.0 | 0.044 46 | 5.1 1928 | 7.3 Park County | 131.5R | 12.9M |

Terrain database is USGS 03 SEC Distance + R = 73.215 or FCC Spacings in KM, Distance + M = Margin in KM
Contour distances are on direct line to and from reference station. Reference zone = 2. With 3rd Adj Channels.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
""affixed to 'IN' or 'OUT' values = site inside protected contour.