

# KZGL as C0 21 kW - Coverage

## KZGLNew

Latitude: 34-41-11 N  
 Longitude: 112-07-02 W  
 ERP: 21.00 kW  
 Channel: 240  
 Frequency: 95.9 MHz  
 AMSL Height: 2388.0 m  
 Elevation: 2332 m  
 Horiz. Pattern: Omni  
 Vert. Pattern: No  
 Prop Model: FCC Contour

60 dBu

Pop = 252,781

Area = 20,627 sq km

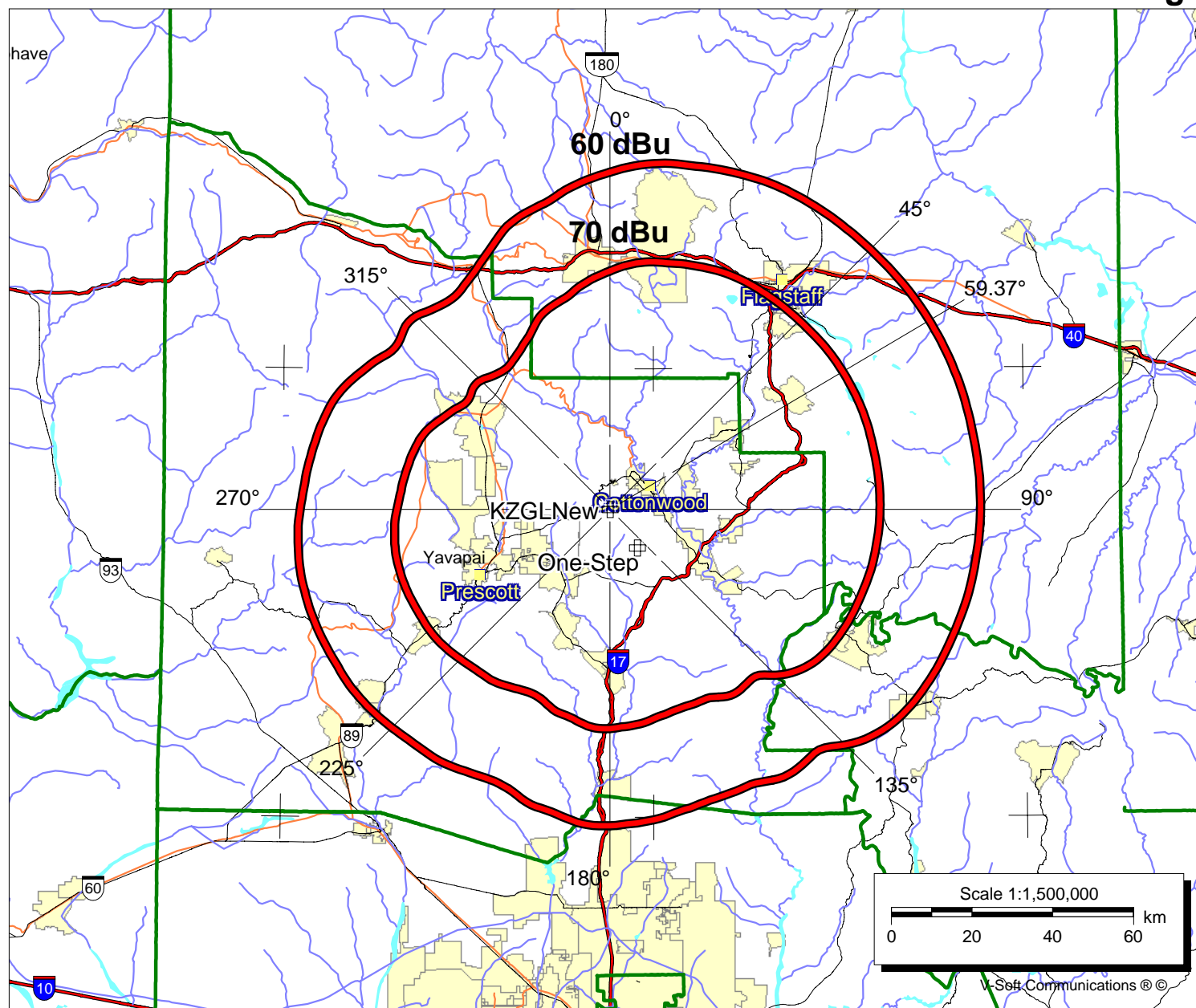
70 dBu

Pop = 166,434

Area = 10,211 sq km

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**V**  
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Azimuth Deg. T.	Ave. Elev. 3 to 16 km Meters AMSL	Effective Antenna Height Meters AAT	ERP (dBk)	F(50-50) Distance to 60 dBu Contour km	F(50-50) Distance to 70 dBu Contour km
0	1562.3	825.7	13.222	83.49	59.05
10	1419.2	968.8	13.222	86.94	62.27
20	1328.9	1059.1	13.222	88.80	64.04
30	1247.5	1140.5	13.222	90.31	65.49
40	1217.9	1170.1	13.222	90.82	65.99
50	1186.5	1201.5	13.222	91.32	66.49
60	1156.1	1231.9	13.222	91.79	66.96
70	1150.3	1237.7	13.222	91.88	67.05
80	1161.7	1226.3	13.222	91.71	66.87
90	1167.6	1220.4	13.222	91.62	66.78
100	1194.2	1193.8	13.222	91.20	66.37
110	1244.6	1143.4	13.222	90.36	65.54
120	1300.4	1087.6	13.222	89.35	64.56
130	1453.1	934.9	13.222	86.20	61.58
140	1708.4	679.6	13.222	78.74	54.66
150	1736.9	651.1	13.222	77.68	53.68
160	1776.9	611.1	13.222	76.14	52.24
170	1746.1	641.9	13.222	77.33	53.35
180	1719.5	668.5	13.222	78.33	54.28
190	1765.8	622.2	13.222	76.57	52.65
200	1831.3	556.7	13.222	73.68	50.00
210	1817.8	570.2	13.222	74.36	50.61
220	1789.0	599.0	13.222	75.65	51.78
230	1749.5	638.5	13.222	77.20	53.23
240	1732.7	655.3	13.222	77.84	53.82
250	1721.3	666.7	13.222	78.26	54.22
260	1725.6	662.4	13.222	78.10	54.07
270	1761.2	626.8	13.222	76.75	52.81
280	1796.9	591.1	13.222	75.31	51.47
290	1825.1	562.9	13.222	74.00	50.29
300	1890.3	497.7	13.222	69.98	46.81
310	1926.4	461.6	13.222	67.42	44.96
320	1949.7	438.3	13.222	65.88	43.81
330	1922.5	465.5	13.222	67.69	45.16
340	1812.2	575.8	13.222	74.63	50.85
350	1713.3	674.7	13.222	78.56	54.49
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Ave. = 1589.1 M		798.9 M			

Additional Radials: (Not Considered in Average):

59	1149.8	1238.2	13.222	91.89	67.06
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Antenna Radiation Center AMSL = 2388

NGDC 30 Arc Sec.

Geographic Coordinates:

N. Lat. 34 41 11  
W. Lng. 112 07 02