

W111-04-43.38

W110-32-37.88

N39-51-05.08

N39-51-05.08

Helper

Carbon

KCEU-new site



Price

Wellington

Hiawatha

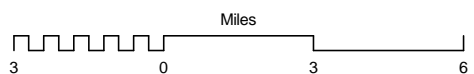
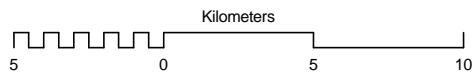
Elmo

N39-22-17.02

N39-22-17.02

W111-04-43.38

W110-32-37.88



Map scale: 1:250,000
Rasterized at: 1:250,000

Distance to FM Contour

Study: LP KCEU-new
Site: KCEU-new site

Latitude: N39-36-40.62
Longitude: W110-48-38.64

True Radial Bearing (Degrees)	Average Elevation (meters)	Radiation Center Height Above Average Terrain (meters)	Effective Radiated Power (KW)	(dBKW)	Distance to Contour 60.0 dBu F(50,50) (km)
0.00	2135.69	0.00	0.43	-3.67	8.16
5.00	2185.72	0.00	0.43	-3.67	8.16
10.00	2202.55	0.00	0.43	-3.67	8.16
15.00	2151.32	0.00	0.43	-3.67	8.16
20.00	2190.03	0.00	0.43	-3.67	8.16
25.00	2140.85	0.00	0.43	-3.67	8.16
30.00	2140.94	0.00	0.43	-3.67	8.16
35.00	2107.05	0.00	0.43	-3.67	8.16
40.00	2051.72	0.00	0.43	-3.67	8.16
45.00	1990.36	0.00	0.43	-3.67	8.16
50.00	1925.47	0.00	0.43	-3.67	8.16
55.00	1906.01	0.00	0.43	-3.67	8.16
60.00	1868.96	0.00	0.43	-3.67	8.16
65.00	1843.21	0.00	0.43	-3.67	8.16
70.00	1824.30	0.00	0.43	-3.67	8.16
75.00	1802.56	8.44	0.43	-3.67	8.16
80.00	1794.13	16.87	0.43	-3.67	8.16
85.00	1777.97	33.03	0.43	-3.67	8.55
90.00	1758.80	52.20	0.43	-3.67	10.85
95.00	1746.33	64.67	0.43	-3.67	11.97
100.00	1739.19	71.81	0.43	-3.67	12.53
105.00	1726.32	84.68	0.43	-3.67	13.53
110.00	1713.26	97.74	0.43	-3.67	14.56
115.00	1700.58	110.42	0.43	-3.67	15.57
120.00	1692.52	118.48	0.43	-3.67	16.20
125.00	1685.22	125.78	0.43	-3.67	16.74
130.00	1676.77	134.23	0.43	-3.67	17.34
135.00	1667.63	143.37	0.43	-3.67	17.98
140.00	1667.63	143.37	0.43	-3.67	17.98
145.00	1656.83	154.17	0.43	-3.67	18.70
150.00	1655.52	155.48	0.43	-3.67	18.79
155.00	1654.85	156.15	0.43	-3.67	18.83
160.00	1657.33	153.67	0.43	-3.67	18.67
165.00	1675.60	135.40	0.43	-3.67	17.42
170.00	1689.21	121.79	0.43	-3.67	16.45
175.00	1710.52	100.48	0.43	-3.67	14.78
180.00	1713.09	97.91	0.43	-3.67	14.57
185.00	1728.05	82.95	0.43	-3.67	13.39
190.00	1733.69	77.31	0.43	-3.67	12.95
195.00	1740.90	70.10	0.43	-3.67	12.39

True Radial Bearing (Degrees)	Average Elevation (meters)	Radiation Center Height Above Average Terrain (meters)	Effective Radiated Power (KW)	(dBKW)	Distance to Contour 60.0 dBu F(50,50) (km)
200.00	1751.51	59.49	0.43	-3.67	11.55
205.00	1759.20	51.80	0.43	-3.67	10.81
210.00	1775.86	35.14	0.43	-3.67	8.82
215.00	1786.27	24.73	0.43	-3.67	8.16
220.00	1801.54	9.46	0.43	-3.67	8.16
225.00	1825.23	0.00	0.43	-3.67	8.16
230.00	1853.14	0.00	0.43	-3.67	8.16
235.00	1888.88	0.00	0.43	-3.67	8.16
240.00	1887.49	0.00	0.43	-3.67	8.16
245.00	1907.07	0.00	0.43	-3.67	8.16
250.00	1895.79	0.00	0.43	-3.67	8.16
255.00	1895.81	0.00	0.43	-3.67	8.16
260.00	1886.61	0.00	0.43	-3.67	8.16
265.00	1886.90	0.00	0.43	-3.67	8.16
270.00	1880.99	0.00	0.43	-3.67	8.16
275.00	1857.38	0.00	0.43	-3.67	8.16
280.00	1882.58	0.00	0.43	-3.67	8.16
285.00	1882.21	0.00	0.43	-3.67	8.16
290.00	1879.24	0.00	0.43	-3.67	8.16
295.00	1886.80	0.00	0.43	-3.67	8.16
300.00	1885.52	0.00	0.43	-3.67	8.16
305.00	1943.00	0.00	0.43	-3.67	8.16
310.00	1938.72	0.00	0.43	-3.67	8.16
315.00	1920.06	0.00	0.43	-3.67	8.16
320.00	1945.10	0.00	0.43	-3.67	8.16
325.00	1963.61	0.00	0.43	-3.67	8.16
330.00	1938.15	0.00	0.43	-3.67	8.16
335.00	1882.33	0.00	0.43	-3.67	8.16
340.00	1896.51	0.00	0.43	-3.67	8.16
345.00	1996.78	0.00	0.43	-3.67	8.16
350.00	2014.58	0.00	0.43	-3.67	8.16
355.00	2072.61	0.00	0.43	-3.67	8.16

Radiation Center (AGL): 71.0 meters 232.9 feet
Radiation Center (AMSL): 1811.0 meters 5941.6 feet
Radiation Center (HAAT): -48.7 meters -159.7 feet
Average Terrain (AMSL): 1859.7 meters 6101.3 feet
Ground AMSL: 1740.0 meters 5708.6 feet

Peak ERP: 0.4 KW
Frequency: 89.7 MHz
Antenna:
Orientation: 0.00°
Downtilt: 0.00°

Area within 60.0 dBu F(50,50) Contour is 389.238 km

As Built Coverage
KCEU, Price
430 Watts, ERP

