

Distance to FM Contour

Study: Madam Aerials Tower
Site: Madam Aerials Tower site

Latitude: N44-14-42.00
Longitude: W88-30-16.00

True Radial Bearing (Degrees)	Average Elevation (meters)	Radiation Center Height Above Average Terrain (meters)	Effective Radiated Power (KW)	Effective Radiated Power (dBKW)	Distance to Contour 60.0 dBu F(50,50) (km)
0.00	244.10	40.90	0.08	-10.97	6.18
30.00	234.00	51.00	0.08	-10.97	6.92
60.00	228.49	56.51	0.08	-10.97	7.30
90.00	231.34	53.66	0.08	-10.97	7.11
120.00	228.41	56.59	0.08	-10.97	7.31
150.00	228.21	56.79	0.08	-10.97	7.32
180.00	234.27	50.73	0.08	-10.97	6.90
210.00	257.73	27.27	0.08	-10.97	5.33
240.00	248.66	36.34	0.08	-10.97	5.83
270.00	240.20	44.80	0.08	-10.97	6.46
300.00	252.37	32.63	0.08	-10.97	5.54
330.00	257.43	27.57	0.08	-10.97	5.33

Radiation Center (AGL): 38.0 meters 124.7 feet
Radiation Center (AMSL): 285.0 meters 935.0 feet
Radiation Center (HAAT): 44.6 meters 146.2 feet
Average Terrain (AMSL): 240.4 meters 788.8 feet
Ground AMSL: 247.0 meters 810.4 feet

Peak ERP: 0.1 KW
Frequency: 95.1 MHz
Antenna: B2
Orientation: 0.00°
Downtilt: 0.00°

Area within 60.0 dBu F(50,50) Contour is 132.802 km

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 1 of 12, 0.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	247.00	2	3.13	253.00	3	3.26	254.00
4	3.39	254.00	5	3.52	255.00	6	3.65	255.00
7	3.78	255.00	8	3.91	257.00	9	4.04	257.00
10	4.17	258.00	11	4.30	258.00	12	4.43	258.00
13	4.56	258.00	14	4.69	258.00	15	4.82	258.00
16	4.95	258.00	17	5.08	259.00	18	5.21	258.00
19	5.34	256.00	20	5.47	254.00	21	5.60	253.00
22	5.73	252.00	23	5.86	251.00	24	5.99	250.00
25	6.12	249.00	26	6.25	248.00	27	6.38	247.00
28	6.51	245.00	29	6.64	244.00	30	6.77	243.00
31	6.90	243.00	32	7.03	243.00	33	7.16	243.00
34	7.29	243.00	35	7.42	243.00	36	7.55	240.00
37	7.68	238.00	38	7.81	237.00	39	7.94	233.00
40	8.07	231.00	41	8.20	228.00	42	8.33	228.00
43	8.46	228.00	44	8.59	229.00	45	8.72	230.00
46	8.85	231.00	47	8.98	232.00	48	9.11	234.00
49	9.24	235.00	50	9.37	237.00	51	9.50	238.00
52	9.63	239.00	53	9.76	241.00	54	9.89	242.00
55	10.02	243.00	56	10.15	244.00	57	10.28	243.00
58	10.41	244.00	59	10.54	244.00	60	10.67	243.00
61	10.80	245.00	62	10.93	251.00	63	11.06	253.00
64	11.19	256.00	65	11.32	258.00	66	11.45	258.00
67	11.58	256.00	68	11.71	253.00	69	11.84	249.00
70	11.97	247.00	71	12.10	244.00	72	12.23	241.00
73	12.36	238.00	74	12.49	234.00	75	12.62	232.00
76	12.75	228.00	77	12.88	228.00	78	13.01	228.00
79	13.14	228.00	80	13.27	228.00	81	13.40	228.00
82	13.53	228.00	83	13.66	239.00	84	13.79	243.00
85	13.92	243.00	86	14.05	243.00	87	14.18	243.00
88	14.31	243.00	89	14.44	243.00	90	14.57	243.00
91	14.70	243.00	92	14.83	243.00	93	14.96	243.00
94	15.09	243.00	95	15.22	243.00	96	15.35	243.00
97	15.48	243.00	98	15.61	243.00	99	15.74	243.00
100	15.87	243.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 2 of 12, 30.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	239.00	2	3.13	238.00	3	3.26	237.00
4	3.39	236.00	5	3.52	234.00	6	3.65	232.00
7	3.78	231.00	8	3.91	231.00	9	4.04	232.00
10	4.17	235.00	11	4.30	235.00	12	4.43	235.00
13	4.56	235.00	14	4.69	235.00	15	4.82	234.00
16	4.95	234.00	17	5.08	233.00	18	5.21	233.00
19	5.34	232.00	20	5.47	232.00	21	5.60	232.00
22	5.73	231.00	23	5.86	231.00	24	5.99	231.00
25	6.12	231.00	26	6.25	231.00	27	6.38	231.00
28	6.51	231.00	29	6.64	231.00	30	6.77	231.00
31	6.90	231.00	32	7.03	232.00	33	7.16	232.00
34	7.29	232.00	35	7.42	232.00	36	7.55	232.00
37	7.68	233.00	38	7.81	233.00	39	7.94	233.00
40	8.07	233.00	41	8.20	233.00	42	8.33	233.00
43	8.46	233.00	44	8.59	233.00	45	8.72	233.00
46	8.85	233.00	47	8.98	233.00	48	9.11	233.00
49	9.24	233.00	50	9.37	233.00	51	9.50	234.00
52	9.63	233.00	53	9.76	233.00	54	9.89	232.00
55	10.02	232.00	56	10.15	231.00	57	10.28	231.00
58	10.41	230.00	59	10.54	230.00	60	10.67	229.00
61	10.80	229.00	62	10.93	229.00	63	11.06	229.00
64	11.19	229.00	65	11.32	229.00	66	11.45	229.00
67	11.58	229.00	68	11.71	229.00	69	11.84	230.00
70	11.97	230.00	71	12.10	229.00	72	12.23	230.00
73	12.36	230.00	74	12.49	230.00	75	12.62	229.00
76	12.75	230.00	77	12.88	230.00	78	13.01	230.00
79	13.14	231.00	80	13.27	231.00	81	13.40	233.00
82	13.53	234.00	83	13.66	235.00	84	13.79	238.00
85	13.92	240.00	86	14.05	242.00	87	14.18	242.00
88	14.31	243.00	89	14.44	243.00	90	14.57	243.00
91	14.70	243.00	92	14.83	243.00	93	14.96	243.00
94	15.09	243.00	95	15.22	244.00	96	15.35	245.00
97	15.48	246.00	98	15.61	248.00	99	15.74	249.00
100	15.87	249.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 3 of 12, 60.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	230.00	2	3.13	229.00	3	3.26	228.00
4	3.39	228.00	5	3.52	228.00	6	3.65	228.00
7	3.78	228.00	8	3.91	228.00	9	4.04	228.00
10	4.17	228.00	11	4.30	228.00	12	4.43	228.00
13	4.56	228.00	14	4.69	228.00	15	4.82	228.00
16	4.95	228.00	17	5.08	229.00	18	5.21	228.00
19	5.34	228.00	20	5.47	228.00	21	5.60	230.00
22	5.73	233.00	23	5.86	235.00	24	5.99	237.00
25	6.12	238.00	26	6.25	240.00	27	6.38	241.00
28	6.51	242.00	29	6.64	243.00	30	6.77	243.00
31	6.90	244.00	32	7.03	244.00	33	7.16	244.00
34	7.29	244.00	35	7.42	244.00	36	7.55	244.00
37	7.68	244.00	38	7.81	244.00	39	7.94	244.00
40	8.07	243.00	41	8.20	243.00	42	8.33	243.00
43	8.46	242.00	44	8.59	241.00	45	8.72	240.00
46	8.85	240.00	47	8.98	238.00	48	9.11	237.00
49	9.24	236.00	50	9.37	235.00	51	9.50	234.00
52	9.63	233.00	53	9.76	232.00	54	9.89	232.00
55	10.02	230.00	56	10.15	229.00	57	10.28	228.00
58	10.41	228.00	59	10.54	228.00	60	10.67	228.00
61	10.80	228.00	62	10.93	228.00	63	11.06	228.00
64	11.19	228.00	65	11.32	227.00	66	11.45	226.00
67	11.58	226.00	68	11.71	225.00	69	11.84	225.00
70	11.97	224.00	71	12.10	224.00	72	12.23	223.00
73	12.36	222.00	74	12.49	222.00	75	12.62	221.00
76	12.75	221.00	77	12.88	220.00	78	13.01	220.00
79	13.14	219.00	80	13.27	219.00	81	13.40	218.00
82	13.53	218.00	83	13.66	217.00	84	13.79	217.00
85	13.92	216.00	86	14.05	216.00	87	14.18	215.00
88	14.31	215.00	89	14.44	214.00	90	14.57	214.00
91	14.70	214.00	92	14.83	213.00	93	14.96	213.00
94	15.09	213.00	95	15.22	213.00	96	15.35	213.00
97	15.48	213.00	98	15.61	213.00	99	15.74	213.00
100	15.87	213.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 4 of 12, 90.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	228.00	2	3.13	228.00	3	3.26	228.00
4	3.39	228.00	5	3.52	228.00	6	3.65	228.00
7	3.78	228.00	8	3.91	228.00	9	4.04	228.00
10	4.17	228.00	11	4.30	228.00	12	4.43	228.00
13	4.56	228.00	14	4.69	228.00	15	4.82	228.00
16	4.95	228.00	17	5.08	228.00	18	5.21	228.00
19	5.34	228.00	20	5.47	228.00	21	5.60	228.00
22	5.73	228.00	23	5.86	228.00	24	5.99	228.00
25	6.12	228.00	26	6.25	228.00	27	6.38	228.00
28	6.51	228.00	29	6.64	228.00	30	6.77	228.00
31	6.90	230.00	32	7.03	230.00	33	7.16	230.00
34	7.29	230.00	35	7.42	230.00	36	7.55	230.00
37	7.68	231.00	38	7.81	232.00	39	7.94	232.00
40	8.07	232.00	41	8.20	232.00	42	8.33	232.00
43	8.46	232.00	44	8.59	232.00	45	8.72	232.00
46	8.85	232.00	47	8.98	231.00	48	9.11	231.00
49	9.24	231.00	50	9.37	230.00	51	9.50	232.00
52	9.63	235.00	53	9.76	235.00	54	9.89	236.00
55	10.02	236.00	56	10.15	236.00	57	10.28	236.00
58	10.41	236.00	59	10.54	236.00	60	10.67	236.00
61	10.80	236.00	62	10.93	236.00	63	11.06	237.00
64	11.19	237.00	65	11.32	237.00	66	11.45	237.00
67	11.58	237.00	68	11.71	237.00	69	11.84	237.00
70	11.97	237.00	71	12.10	237.00	72	12.23	237.00
73	12.36	237.00	74	12.49	236.00	75	12.62	236.00
76	12.75	235.00	77	12.88	234.00	78	13.01	233.00
79	13.14	233.00	80	13.27	232.00	81	13.40	231.00
82	13.53	230.00	83	13.66	229.00	84	13.79	228.00
85	13.92	228.00	86	14.05	228.00	87	14.18	228.00
88	14.31	231.00	89	14.44	232.00	90	14.57	233.00
91	14.70	233.00	92	14.83	232.00	93	14.96	232.00
94	15.09	231.00	95	15.22	230.00	96	15.35	230.00
97	15.48	229.00	98	15.61	228.00	99	15.74	228.00
100	15.87	229.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 5 of 12, 120.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	228.00	2	3.13	228.00	3	3.26	228.00
4	3.39	228.00	5	3.52	228.00	6	3.65	228.00
7	3.78	228.00	8	3.91	228.00	9	4.04	228.00
10	4.17	228.00	11	4.30	228.00	12	4.43	228.00
13	4.56	228.00	14	4.69	228.00	15	4.82	228.00
16	4.95	228.00	17	5.08	229.00	18	5.21	229.00
19	5.34	230.00	20	5.47	231.00	21	5.60	231.00
22	5.73	232.00	23	5.86	232.00	24	5.99	232.00
25	6.12	231.00	26	6.25	231.00	27	6.38	231.00
28	6.51	231.00	29	6.64	230.00	30	6.77	230.00
31	6.90	229.00	32	7.03	229.00	33	7.16	229.00
34	7.29	228.00	35	7.42	228.00	36	7.55	228.00
37	7.68	228.00	38	7.81	228.00	39	7.94	228.00
40	8.07	228.00	41	8.20	228.00	42	8.33	228.00
43	8.46	228.00	44	8.59	228.00	45	8.72	228.00
46	8.85	228.00	47	8.98	228.00	48	9.11	228.00
49	9.24	228.00	50	9.37	228.00	51	9.50	228.00
52	9.63	228.00	53	9.76	228.00	54	9.89	228.00
55	10.02	228.00	56	10.15	228.00	57	10.28	228.00
58	10.41	228.00	59	10.54	228.00	60	10.67	228.00
61	10.80	228.00	62	10.93	228.00	63	11.06	228.00
64	11.19	228.00	65	11.32	228.00	66	11.45	228.00
67	11.58	228.00	68	11.71	228.00	69	11.84	228.00
70	11.97	228.00	71	12.10	228.00	72	12.23	228.00
73	12.36	228.00	74	12.49	228.00	75	12.62	228.00
76	12.75	228.00	77	12.88	228.00	78	13.01	228.00
79	13.14	228.00	80	13.27	228.00	81	13.40	228.00
82	13.53	228.00	83	13.66	228.00	84	13.79	228.00
85	13.92	228.00	86	14.05	228.00	87	14.18	228.00
88	14.31	228.00	89	14.44	228.00	90	14.57	228.00
91	14.70	228.00	92	14.83	228.00	93	14.96	228.00
94	15.09	228.00	95	15.22	228.00	96	15.35	228.00
97	15.48	228.00	98	15.61	228.00	99	15.74	228.00
100	15.87	228.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 6 of 12, 150.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	231.00	2	3.13	231.00	3	3.26	231.00
4	3.39	231.00	5	3.52	231.00	6	3.65	230.00
7	3.78	230.00	8	3.91	229.00	9	4.04	229.00
10	4.17	228.00	11	4.30	228.00	12	4.43	228.00
13	4.56	228.00	14	4.69	228.00	15	4.82	228.00
16	4.95	228.00	17	5.08	228.00	18	5.21	228.00
19	5.34	228.00	20	5.47	228.00	21	5.60	228.00
22	5.73	228.00	23	5.86	228.00	24	5.99	228.00
25	6.12	228.00	26	6.25	228.00	27	6.38	228.00
28	6.51	228.00	29	6.64	228.00	30	6.77	228.00
31	6.90	228.00	32	7.03	228.00	33	7.16	228.00
34	7.29	228.00	35	7.42	228.00	36	7.55	228.00
37	7.68	228.00	38	7.81	228.00	39	7.94	228.00
40	8.07	228.00	41	8.20	228.00	42	8.33	228.00
43	8.46	228.00	44	8.59	228.00	45	8.72	228.00
46	8.85	228.00	47	8.98	228.00	48	9.11	228.00
49	9.24	228.00	50	9.37	228.00	51	9.50	228.00
52	9.63	228.00	53	9.76	228.00	54	9.89	228.00
55	10.02	228.00	56	10.15	228.00	57	10.28	228.00
58	10.41	228.00	59	10.54	228.00	60	10.67	228.00
61	10.80	228.00	62	10.93	228.00	63	11.06	228.00
64	11.19	228.00	65	11.32	228.00	66	11.45	228.00
67	11.58	228.00	68	11.71	228.00	69	11.84	228.00
70	11.97	228.00	71	12.10	228.00	72	12.23	228.00
73	12.36	228.00	74	12.49	228.00	75	12.62	228.00
76	12.75	228.00	77	12.88	228.00	78	13.01	228.00
79	13.14	228.00	80	13.27	228.00	81	13.40	228.00
82	13.53	228.00	83	13.66	228.00	84	13.79	228.00
85	13.92	228.00	86	14.05	228.00	87	14.18	228.00
88	14.31	228.00	89	14.44	228.00	90	14.57	228.00
91	14.70	228.00	92	14.83	228.00	93	14.96	228.00
94	15.09	228.00	95	15.22	228.00	96	15.35	228.00
97	15.48	228.00	98	15.61	228.00	99	15.74	228.00
100	15.87	228.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 7 of 12, 180.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	240.00	2	3.13	240.00	3	3.26	240.00
4	3.39	240.00	5	3.52	240.00	6	3.65	240.00
7	3.78	240.00	8	3.91	240.00	9	4.04	240.00
10	4.17	239.00	11	4.30	239.00	12	4.43	239.00
13	4.56	239.00	14	4.69	239.00	15	4.82	239.00
16	4.95	239.00	17	5.08	239.00	18	5.21	239.00
19	5.34	239.00	20	5.47	239.00	21	5.60	239.00
22	5.73	239.00	23	5.86	238.00	24	5.99	238.00
25	6.12	238.00	26	6.25	238.00	27	6.38	237.00
28	6.51	237.00	29	6.64	236.00	30	6.77	236.00
31	6.90	235.00	32	7.03	235.00	33	7.16	234.00
34	7.29	233.00	35	7.42	233.00	36	7.55	232.00
37	7.68	232.00	38	7.81	232.00	39	7.94	233.00
40	8.07	233.00	41	8.20	234.00	42	8.33	234.00
43	8.46	234.00	44	8.59	233.00	45	8.72	233.00
46	8.85	233.00	47	8.98	233.00	48	9.11	233.00
49	9.24	233.00	50	9.37	233.00	51	9.50	233.00
52	9.63	232.00	53	9.76	231.00	54	9.89	230.00
55	10.02	228.00	56	10.15	228.00	57	10.28	228.00
58	10.41	228.00	59	10.54	228.00	60	10.67	228.00
61	10.80	228.00	62	10.93	228.00	63	11.06	228.00
64	11.19	228.00	65	11.32	228.00	66	11.45	228.00
67	11.58	228.00	68	11.71	228.00	69	11.84	229.00
70	11.97	229.00	71	12.10	230.00	72	12.23	231.00
73	12.36	231.00	74	12.49	232.00	75	12.62	232.00
76	12.75	233.00	77	12.88	234.00	78	13.01	234.00
79	13.14	234.00	80	13.27	234.00	81	13.40	235.00
82	13.53	235.00	83	13.66	235.00	84	13.79	235.00
85	13.92	235.00	86	14.05	235.00	87	14.18	235.00
88	14.31	235.00	89	14.44	235.00	90	14.57	235.00
91	14.70	235.00	92	14.83	235.00	93	14.96	235.00
94	15.09	235.00	95	15.22	235.00	96	15.35	235.00
97	15.48	234.00	98	15.61	234.00	99	15.74	234.00
100	15.87	234.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 8 of 12, 210.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	243.00	2	3.13	243.00	3	3.26	244.00
4	3.39	244.00	5	3.52	245.00	6	3.65	246.00
7	3.78	246.00	8	3.91	247.00	9	4.04	249.00
10	4.17	251.00	11	4.30	252.00	12	4.43	253.00
13	4.56	254.00	14	4.69	256.00	15	4.82	257.00
16	4.95	259.00	17	5.08	259.00	18	5.21	261.00
19	5.34	264.00	20	5.47	266.00	21	5.60	267.00
22	5.73	268.00	23	5.86	270.00	24	5.99	271.00
25	6.12	272.00	26	6.25	274.00	27	6.38	274.00
28	6.51	274.00	29	6.64	273.00	30	6.77	273.00
31	6.90	272.00	32	7.03	271.00	33	7.16	271.00
34	7.29	270.00	35	7.42	270.00	36	7.55	269.00
37	7.68	268.00	38	7.81	268.00	39	7.94	268.00
40	8.07	268.00	41	8.20	267.00	42	8.33	267.00
43	8.46	266.00	44	8.59	266.00	45	8.72	265.00
46	8.85	264.00	47	8.98	263.00	48	9.11	263.00
49	9.24	262.00	50	9.37	261.00	51	9.50	261.00
52	9.63	260.00	53	9.76	259.00	54	9.89	259.00
55	10.02	258.00	56	10.15	258.00	57	10.28	258.00
58	10.41	258.00	59	10.54	258.00	60	10.67	258.00
61	10.80	258.00	62	10.93	258.00	63	11.06	258.00
64	11.19	258.00	65	11.32	258.00	66	11.45	258.00
67	11.58	257.00	68	11.71	257.00	69	11.84	257.00
70	11.97	257.00	71	12.10	257.00	72	12.23	257.00
73	12.36	256.00	74	12.49	256.00	75	12.62	256.00
76	12.75	256.00	77	12.88	255.00	78	13.01	255.00
79	13.14	254.00	80	13.27	253.00	81	13.40	253.00
82	13.53	253.00	83	13.66	252.00	84	13.79	252.00
85	13.92	251.00	86	14.05	251.00	87	14.18	250.00
88	14.31	250.00	89	14.44	248.00	90	14.57	248.00
91	14.70	247.00	92	14.83	247.00	93	14.96	247.00
94	15.09	246.00	95	15.22	246.00	96	15.35	245.00
97	15.48	245.00	98	15.61	244.00	99	15.74	243.00
100	15.87	243.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 9 of 12, 240.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	251.00	2	3.13	252.00	3	3.26	252.00
4	3.39	254.00	5	3.52	257.00	6	3.65	259.00
7	3.78	259.00	8	3.91	259.00	9	4.04	259.00
10	4.17	259.00	11	4.30	260.00	12	4.43	263.00
13	4.56	264.00	14	4.69	265.00	15	4.82	268.00
16	4.95	270.00	17	5.08	272.00	18	5.21	273.00
19	5.34	270.00	20	5.47	267.00	21	5.60	266.00
22	5.73	264.00	23	5.86	262.00	24	5.99	261.00
25	6.12	258.00	26	6.25	258.00	27	6.38	259.00
28	6.51	257.00	29	6.64	256.00	30	6.77	256.00
31	6.90	254.00	32	7.03	252.00	33	7.16	252.00
34	7.29	250.00	35	7.42	249.00	36	7.55	249.00
37	7.68	249.00	38	7.81	247.00	39	7.94	246.00
40	8.07	246.00	41	8.20	245.00	42	8.33	243.00
43	8.46	243.00	44	8.59	243.00	45	8.72	243.00
46	8.85	243.00	47	8.98	243.00	48	9.11	243.00
49	9.24	243.00	50	9.37	243.00	51	9.50	243.00
52	9.63	242.00	53	9.76	242.00	54	9.89	242.00
55	10.02	241.00	56	10.15	241.00	57	10.28	240.00
58	10.41	240.00	59	10.54	240.00	60	10.67	240.00
61	10.80	241.00	62	10.93	241.00	63	11.06	242.00
64	11.19	243.00	65	11.32	244.00	66	11.45	244.00
67	11.58	244.00	68	11.71	244.00	69	11.84	243.00
70	11.97	243.00	71	12.10	242.00	72	12.23	242.00
73	12.36	241.00	74	12.49	241.00	75	12.62	242.00
76	12.75	241.00	77	12.88	242.00	78	13.01	243.00
79	13.14	243.00	80	13.27	243.00	81	13.40	243.00
82	13.53	243.00	83	13.66	243.00	84	13.79	243.00
85	13.92	243.00	86	14.05	243.00	87	14.18	243.00
88	14.31	243.00	89	14.44	243.00	90	14.57	243.00
91	14.70	243.00	92	14.83	243.00	93	14.96	242.00
94	15.09	241.00	95	15.22	241.00	96	15.35	241.00
97	15.48	241.00	98	15.61	242.00	99	15.74	243.00
100	15.87	243.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 10 of 12, 270.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	274.00	2	3.13	274.00	3	3.26	274.00
4	3.39	273.00	5	3.52	272.00	6	3.65	270.00
7	3.78	269.00	8	3.91	267.00	9	4.04	266.00
10	4.17	265.00	11	4.30	263.00	12	4.43	261.00
13	4.56	260.00	14	4.69	259.00	15	4.82	259.00
16	4.95	259.00	17	5.08	258.00	18	5.21	258.00
19	5.34	255.00	20	5.47	249.00	21	5.60	245.00
22	5.73	243.00	23	5.86	242.00	24	5.99	242.00
25	6.12	241.00	26	6.25	241.00	27	6.38	240.00
28	6.51	240.00	29	6.64	239.00	30	6.77	239.00
31	6.90	238.00	32	7.03	238.00	33	7.16	237.00
34	7.29	237.00	35	7.42	236.00	36	7.55	236.00
37	7.68	235.00	38	7.81	235.00	39	7.94	234.00
40	8.07	234.00	41	8.20	233.00	42	8.33	233.00
43	8.46	232.00	44	8.59	231.00	45	8.72	230.00
46	8.85	229.00	47	8.98	228.00	48	9.11	228.00
49	9.24	228.00	50	9.37	228.00	51	9.50	229.00
52	9.63	230.00	53	9.76	231.00	54	9.89	232.00
55	10.02	233.00	56	10.15	234.00	57	10.28	234.00
58	10.41	235.00	59	10.54	236.00	60	10.67	236.00
61	10.80	237.00	62	10.93	238.00	63	11.06	239.00
64	11.19	243.00	65	11.32	243.00	66	11.45	243.00
67	11.58	243.00	68	11.71	243.00	69	11.84	243.00
70	11.97	243.00	71	12.10	242.00	72	12.23	240.00
73	12.36	239.00	74	12.49	237.00	75	12.62	235.00
76	12.75	234.00	77	12.88	233.00	78	13.01	231.00
79	13.14	230.00	80	13.27	228.00	81	13.40	228.00
82	13.53	228.00	83	13.66	228.00	84	13.79	228.00
85	13.92	228.00	86	14.05	228.00	87	14.18	228.00
88	14.31	228.00	89	14.44	228.00	90	14.57	228.00
91	14.70	228.00	92	14.83	228.00	93	14.96	228.00
94	15.09	228.00	95	15.22	228.00	96	15.35	228.00
97	15.48	228.00	98	15.61	229.00	99	15.74	231.00
100	15.87	233.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 11 of 12, 300.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	273.00	2	3.13	269.00	3	3.26	266.00
4	3.39	259.00	5	3.52	258.00	6	3.65	258.00
7	3.78	259.00	8	3.91	259.00	9	4.04	258.00
10	4.17	257.00	11	4.30	256.00	12	4.43	254.00
13	4.56	252.00	14	4.69	252.00	15	4.82	250.00
16	4.95	249.00	17	5.08	248.00	18	5.21	246.00
19	5.34	244.00	20	5.47	243.00	21	5.60	243.00
22	5.73	243.00	23	5.86	243.00	24	5.99	243.00
25	6.12	239.00	26	6.25	236.00	27	6.38	236.00
28	6.51	237.00	29	6.64	237.00	30	6.77	235.00
31	6.90	236.00	32	7.03	235.00	33	7.16	233.00
34	7.29	233.00	35	7.42	233.00	36	7.55	231.00
37	7.68	230.00	38	7.81	233.00	39	7.94	243.00
40	8.07	246.00	41	8.20	254.00	42	8.33	259.00
43	8.46	259.00	44	8.59	257.00	45	8.72	257.00
46	8.85	257.00	47	8.98	257.00	48	9.11	259.00
49	9.24	260.00	50	9.37	260.00	51	9.50	261.00
52	9.63	262.00	53	9.76	262.00	54	9.89	263.00
55	10.02	261.00	56	10.15	262.00	57	10.28	274.00
58	10.41	274.00	59	10.54	274.00	60	10.67	273.00
61	10.80	273.00	62	10.93	274.00	63	11.06	274.00
64	11.19	273.00	65	11.32	267.00	66	11.45	258.00
67	11.58	258.00	68	11.71	257.00	69	11.84	256.00
70	11.97	257.00	71	12.10	259.00	72	12.23	259.00
73	12.36	259.00	74	12.49	258.00	75	12.62	252.00
76	12.75	247.00	77	12.88	245.00	78	13.01	243.00
79	13.14	244.00	80	13.27	243.00	81	13.40	243.00
82	13.53	243.00	83	13.66	243.00	84	13.79	244.00
85	13.92	244.00	86	14.05	244.00	87	14.18	243.00
88	14.31	243.00	89	14.44	243.00	90	14.57	245.00
91	14.70	245.00	92	14.83	247.00	93	14.96	249.00
94	15.09	252.00	95	15.22	255.00	96	15.35	259.00
97	15.48	259.00	98	15.61	259.00	99	15.74	259.00
100	15.87	262.00						

Detailed Terrain Data

Study: Madam Aerials Tower
Site: Madam Aerials Tower site
Radial 12 of 12, 330.0 degrees true

Latitude: N44-14-42.00
Longitude: W88-30-16.00

Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)	Point Number	Dist (km)	Elev (m)
1	3.00	267.00	2	3.13	268.00	3	3.26	269.00
4	3.39	269.00	5	3.52	270.00	6	3.65	270.00
7	3.78	271.00	8	3.91	271.00	9	4.04	271.00
10	4.17	269.00	11	4.30	267.00	12	4.43	266.00
13	4.56	264.00	14	4.69	262.00	15	4.82	261.00
16	4.95	260.00	17	5.08	259.00	18	5.21	259.00
19	5.34	259.00	20	5.47	259.00	21	5.60	259.00
22	5.73	259.00	23	5.86	258.00	24	5.99	258.00
25	6.12	257.00	26	6.25	250.00	27	6.38	245.00
28	6.51	243.00	29	6.64	243.00	30	6.77	243.00
31	6.90	243.00	32	7.03	243.00	33	7.16	243.00
34	7.29	244.00	35	7.42	245.00	36	7.55	247.00
37	7.68	250.00	38	7.81	252.00	39	7.94	254.00
40	8.07	256.00	41	8.20	257.00	42	8.33	258.00
43	8.46	258.00	44	8.59	259.00	45	8.72	266.00
46	8.85	269.00	47	8.98	272.00	48	9.11	272.00
49	9.24	272.00	50	9.37	271.00	51	9.50	271.00
52	9.63	270.00	53	9.76	270.00	54	9.89	270.00
55	10.02	271.00	56	10.15	271.00	57	10.28	271.00
58	10.41	272.00	59	10.54	273.00	60	10.67	274.00
61	10.80	274.00	62	10.93	274.00	63	11.06	274.00
64	11.19	274.00	65	11.32	274.00	66	11.45	274.00
67	11.58	274.00	68	11.71	274.00	69	11.84	274.00
70	11.97	274.00	71	12.10	274.00	72	12.23	274.00
73	12.36	274.00	74	12.49	274.00	75	12.62	269.00
76	12.75	261.00	77	12.88	256.00	78	13.01	251.00
79	13.14	251.00	80	13.27	245.00	81	13.40	243.00
82	13.53	243.00	83	13.66	243.00	84	13.79	243.00
85	13.92	243.00	86	14.05	243.00	87	14.18	243.00
88	14.31	243.00	89	14.44	240.00	90	14.57	236.00
91	14.70	232.00	92	14.83	228.00	93	14.96	228.00
94	15.09	228.00	95	15.22	228.00	96	15.35	228.00
97	15.48	228.00	98	15.61	228.00	99	15.74	228.00
100	15.87	228.00						