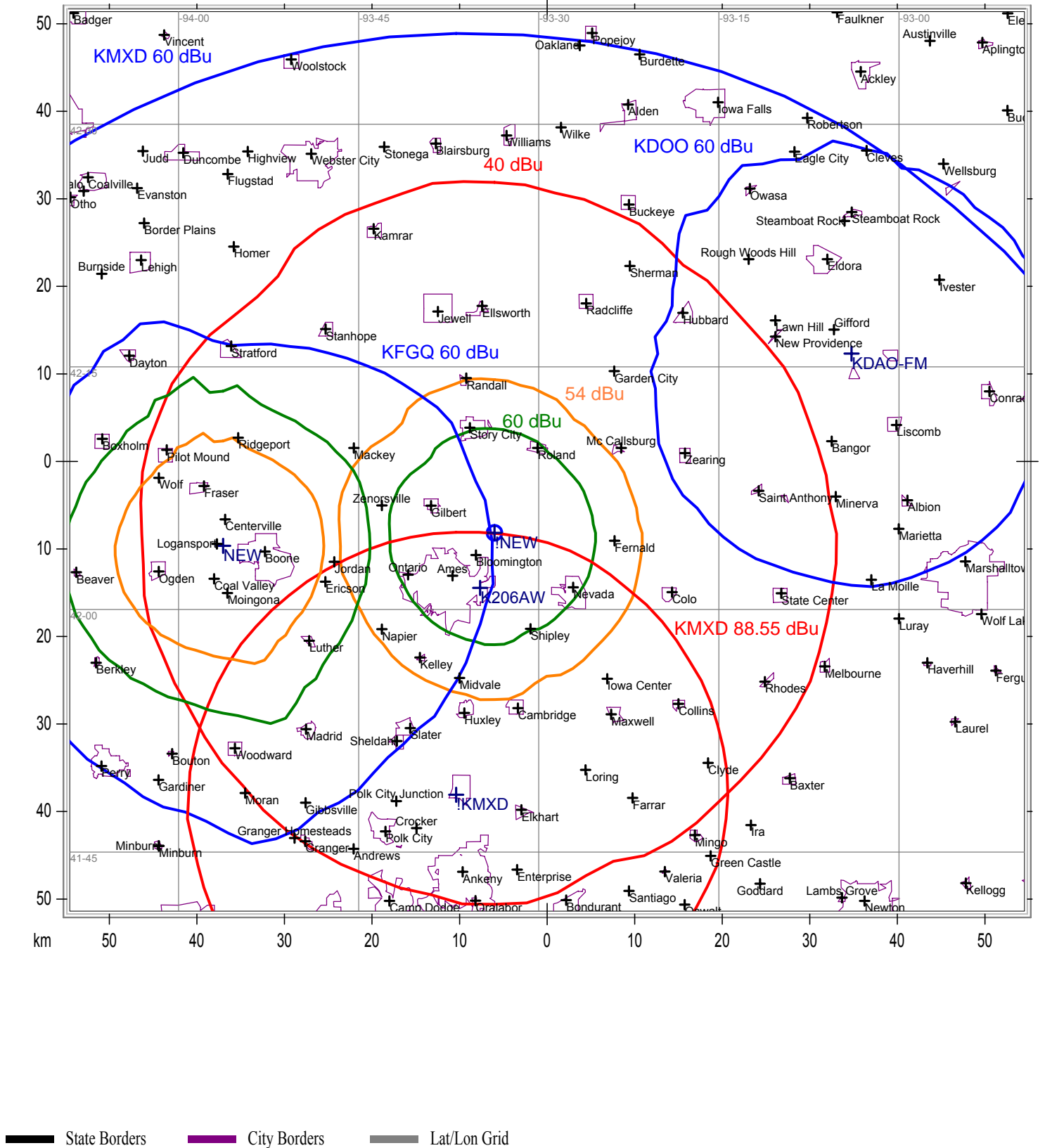


Exhibit 12 - Allocation Study & List of Facilities



List of Facilities.txt

Callsign : !NEW
 Coordinates : 42-04-44.1 N, 93-33-41.2 W
 Frequency (MHz): 99.90000
 HAAT (m): 138.80 AMSL (m): 439.00
 Elevation (m): 320.00 Tower AGL (m): 119.00
 ERP (w): 92
 TX power (w): 0 Gain (dB): 0.00
 City/State : AMES, IA
 ARN :
 Distance (km): 10
 Licensee : EDGEWATER BROADCASTING INC.

Contour type : F(50,10)
 Signal strength : 54.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	17.6	90	306	133	16.9	180	278	161	19.1	270	296	143	17.7
5	299	140	17.5	95	305	134	17.0	185	277	162	19.2	275	294	145	17.9
10	303	136	17.2	100	305	134	17.0	190	282	157	18.8	280	292	147	18.0
15	303	136	17.2	105	304	135	17.1	195	282	157	18.8	285	292	147	18.0
20	306	133	16.9	110	302	137	17.2	200	284	155	18.7	290	294	145	17.9
25	307	132	16.8	115	299	140	17.5	205	284	155	18.7	295	294	145	17.9
30	313	126	16.3	120	299	140	17.5	210	285	154	18.6	300	298	141	17.6
35	319	120	15.9	125	299	140	17.5	215	286	153	18.5	305	302	137	17.2
40	317	122	16.0	130	299	140	17.5	220	288	151	18.3	310	309	130	16.7
45	319	120	15.9	135	299	140	17.5	225	292	147	18.0	315	313	126	16.3
50	319	120	15.9	140	298	141	17.6	230	292	147	18.0	320	312	127	16.4
55	317	122	16.0	145	295	144	17.8	235	294	145	17.9	325	301	138	17.3
60	314	125	16.3	150	293	146	18.0	240	296	143	17.7	330	298	141	17.6
65	313	126	16.3	155	293	146	18.0	245	295	144	17.8	335	297	142	17.6
70	314	125	16.3	160	299	140	17.5	250	295	144	17.8	340	298	141	17.6
75	313	126	16.3	165	294	145	17.9	255	292	147	18.0	345	297	142	17.6
80	311	128	16.5	170	284	155	18.7	260	293	146	18.0	350	294	145	17.9
85	311	128	16.5	175	278	161	19.1	265	296	143	17.7	355	296	143	17.7

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	11.9	90	306	133	11.6	180	278	161	12.8	270	296	143	12.0
5	299	140	11.9	95	305	134	11.6	185	277	162	12.8	275	294	145	12.1
10	303	136	11.7	100	305	134	11.6	190	282	157	12.6	280	292	147	12.2
15	303	136	11.7	105	304	135	11.7	195	282	157	12.6	285	292	147	12.2
20	306	133	11.6	110	302	137	11.7	200	284	155	12.6	290	294	145	12.1
25	307	132	11.5	115	299	140	11.9	205	284	155	12.6	295	294	145	12.1
30	313	126	11.3	120	299	140	11.9	210	285	154	12.5	300	298	141	11.9
35	319	120	11.0	125	299	140	11.9	215	286	153	12.5	305	302	137	11.7
40	317	122	11.1	130	299	140	11.9	220	288	151	12.4	310	309	130	11.4
45	319	120	11.0	135	299	140	11.9	225	292	147	12.2	315	313	126	11.3
50	319	120	11.0	140	298	141	11.9	230	292	147	12.2	320	312	127	11.3
55	317	122	11.1	145	295	144	12.1	235	294	145	12.1	325	301	138	11.8
60	314	125	11.2	150	293	146	12.1	240	296	143	12.0	330	298	141	11.9
65	313	126	11.3	155	293	146	12.1	245	295	144	12.1	335	297	142	12.0
70	314	125	11.2	160	299	140	11.9	250	295	144	12.1	340	298	141	11.9
75	313	126	11.3	165	294	145	12.1	255	292	147	12.2	345	297	142	12.0
80	311	128	11.4	170	284	155	12.6	260	293	146	12.1	350	294	145	12.1
85	311	128	11.4	175	278	161	12.8	265	296	143	12.0	355	296	143	12.0

Contour type : F(50,10)
 Signal strength : 100.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	0.8	90	306	133	0.8	180	278	161	0.8	270	296	143	0.8
5	299	140	0.8	95	305	134	0.8	185	277	162	0.8	275	294	145	0.8

List of Facilities.txt

10	303	136	0.8	100	305	134	0.8	190	282	157	0.8	280	292	147	0.8
15	303	136	0.8	105	304	135	0.8	195	282	157	0.8	285	292	147	0.8
20	306	133	0.8	110	302	137	0.8	200	284	155	0.8	290	294	145	0.8
25	307	132	0.8	115	299	140	0.8	205	284	155	0.8	295	294	145	0.8
30	313	126	0.8	120	299	140	0.8	210	285	154	0.8	300	298	141	0.8
35	319	120	0.8	125	299	140	0.8	215	286	153	0.8	305	302	137	0.8
40	317	122	0.8	130	299	140	0.8	220	288	151	0.8	310	309	130	0.8
45	319	120	0.8	135	299	140	0.8	225	292	147	0.8	315	313	126	0.8
50	319	120	0.8	140	298	141	0.8	230	292	147	0.8	320	312	127	0.8
55	317	122	0.8	145	295	144	0.8	235	294	145	0.8	325	301	138	0.8
60	314	125	0.8	150	293	146	0.8	240	296	143	0.8	330	298	141	0.8
65	313	126	0.8	155	293	146	0.8	245	295	144	0.8	335	297	142	0.8
70	314	125	0.8	160	299	140	0.8	250	295	144	0.8	340	298	141	0.8
75	313	126	0.8	165	294	145	0.8	255	292	147	0.8	345	297	142	0.8
80	311	128	0.8	170	284	155	0.8	260	293	146	0.8	350	294	145	0.8
85	311	128	0.8	175	278	161	0.8	265	296	143	0.8	355	296	143	0.8

Contour type : F(50,10)
Signal strength : 40.000 dBu
Area covered : 0.000 sq. km
Population covered: 0 persons
Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	40.1	90	306	133	39.2	180	278	161	42.6	270	296	143	40.4
5	299	140	40.0	95	305	134	39.3	185	277	162	42.7	275	294	145	40.6
10	303	136	39.5	100	305	134	39.3	190	282	157	42.1	280	292	147	40.9
15	303	136	39.5	105	304	135	39.4	195	282	157	42.1	285	292	147	40.9
20	306	133	39.2	110	302	137	39.7	200	284	155	41.9	290	294	145	40.6
25	307	132	39.1	115	299	140	40.0	205	284	155	41.9	295	294	145	40.6
30	313	126	38.3	120	299	140	40.0	210	285	154	41.7	300	298	141	40.1
35	319	120	37.5	125	299	140	40.0	215	286	153	41.6	305	302	137	39.7
40	317	122	37.8	130	299	140	40.0	220	288	151	41.4	310	309	130	38.8
45	319	120	37.5	135	299	140	40.0	225	292	147	40.9	315	313	126	38.3
50	319	120	37.5	140	298	141	40.1	230	292	147	40.9	320	312	127	38.4
55	317	122	37.8	145	295	144	40.5	235	294	145	40.6	325	301	138	39.8
60	314	125	38.2	150	293	146	40.8	240	296	143	40.4	330	298	141	40.1
65	313	126	38.3	155	293	146	40.8	245	295	144	40.5	335	297	142	40.3
70	314	125	38.2	160	299	140	40.0	250	295	144	40.5	340	298	141	40.1
75	313	126	38.3	165	294	145	40.6	255	292	147	40.9	345	297	142	40.3
80	311	128	38.5	170	284	155	41.9	260	293	146	40.8	350	294	145	40.6
85	311	128	38.5	175	278	161	42.6	265	296	143	40.4	355	296	143	40.4

Contour type : F(50,10)
Signal strength : 90.000 dBu
Area covered : 0.000 sq. km
Population covered: 0 persons
Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	1.8	90	306	133	1.8	180	278	161	1.8	270	296	143	1.8
5	299	140	1.8	95	305	134	1.8	185	277	162	1.8	275	294	145	1.8
10	303	136	1.8	100	305	134	1.8	190	282	157	1.8	280	292	147	1.8
15	303	136	1.8	105	304	135	1.8	195	282	157	1.8	285	292	147	1.8
20	306	133	1.8	110	302	137	1.8	200	284	155	1.8	290	294	145	1.8
25	307	132	1.8	115	299	140	1.8	205	284	155	1.8	295	294	145	1.8
30	313	126	1.7	120	299	140	1.8	210	285	154	1.8	300	298	141	1.8
35	319	120	1.7	125	299	140	1.8	215	286	153	1.8	305	302	137	1.8
40	317	122	1.7	130	299	140	1.8	220	288	151	1.8	310	309	130	1.7
45	319	120	1.7	135	299	140	1.8	225	292	147	1.8	315	313	126	1.7
50	319	120	1.7	140	298	141	1.8	230	292	147	1.8	320	312	127	1.7
55	317	122	1.7	145	295	144	1.8	235	294	145	1.8	325	301	138	1.8
60	314	125	1.7	150	293	146	1.8	240	296	143	1.8	330	298	141	1.8
65	313	126	1.7	155	293	146	1.8	245	295	144	1.8	335	297	142	1.8
70	314	125	1.7	160	299	140	1.8	250	295	144	1.8	340	298	141	1.8
75	313	126	1.7	165	294	145	1.8	255	292	147	1.8	345	297	142	1.8
80	311	128	1.7	170	284	155	1.8	260	293	146	1.8	350	294	145	1.8
85	311	128	1.7	175	278	161	1.8	265	296	143	1.8	355	296	143	1.8

Contour type : F(50,10)
Signal strength : 37.000 dBu
Area covered : 0.000 sq. km
Population covered: 0 persons

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Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	47.2	90	306	133	46.1	180	278	161	49.8	270	296	143	47.5
5	299	140	47.1	95	305	134	46.3	185	277	162	49.9	275	294	145	47.7
10	303	136	46.5	100	305	134	46.3	190	282	157	49.3	280	292	147	48.0
15	303	136	46.5	105	304	135	46.4	195	282	157	49.3	285	292	147	48.0
20	306	133	46.1	110	302	137	46.7	200	284	155	49.0	290	294	145	47.7
25	307	132	46.0	115	299	140	47.1	205	284	155	49.0	295	294	145	47.7
30	313	126	45.2	120	299	140	47.1	210	285	154	48.9	300	298	141	47.2
35	319	120	44.4	125	299	140	47.1	215	286	153	48.8	305	302	137	46.7
40	317	122	44.6	130	299	140	47.1	220	288	151	48.5	310	309	130	45.7
45	319	120	44.4	135	299	140	47.1	225	292	147	48.0	315	313	126	45.2
50	319	120	44.4	140	298	141	47.2	230	292	147	48.0	320	312	127	45.3
55	317	122	44.6	145	295	144	47.6	235	294	145	47.7	325	301	138	46.8
60	314	125	45.0	150	293	146	47.9	240	296	143	47.5	330	298	141	47.2
65	313	126	45.2	155	293	146	47.9	245	295	144	47.6	335	297	142	47.3
70	314	125	45.0	160	299	140	47.1	250	295	144	47.6	340	298	141	47.2
75	313	126	45.2	165	294	145	47.7	255	292	147	48.0	345	297	142	47.3
80	311	128	45.4	170	284	155	49.0	260	293	146	47.9	350	294	145	47.7
85	311	128	45.4	175	278	161	49.8	265	296	143	47.5	355	296	143	47.5

Contour type : F(50,10)
Signal strength : 51.000 dBu
Area covered : 0.000 sq. km
Population covered: 0 persons
Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	21.3	90	306	133	20.6	180	278	161	23.0	270	296	143	21.5
5	299	140	21.2	95	305	134	20.7	185	277	162	23.0	275	294	145	21.6
10	303	136	20.9	100	305	134	20.7	190	282	157	22.6	280	292	147	21.8
15	303	136	20.9	105	304	135	20.8	195	282	157	22.6	285	292	147	21.8
20	306	133	20.6	110	302	137	21.0	200	284	155	22.5	290	294	145	21.6
25	307	132	20.5	115	299	140	21.2	205	284	155	22.5	295	294	145	21.6
30	313	126	20.0	120	299	140	21.2	210	285	154	22.4	300	298	141	21.3
35	319	120	19.5	125	299	140	21.2	215	286	153	22.3	305	302	137	21.0
40	317	122	19.7	130	299	140	21.2	220	288	151	22.1	310	309	130	20.4
45	319	120	19.5	135	299	140	21.2	225	292	147	21.8	315	313	126	20.0
50	319	120	19.5	140	298	141	21.3	230	292	147	21.8	320	312	127	20.1
55	317	122	19.7	145	295	144	21.6	235	294	145	21.6	325	301	138	21.1
60	314	125	19.9	150	293	146	21.7	240	296	143	21.5	330	298	141	21.3
65	313	126	20.0	155	293	146	21.7	245	295	144	21.6	335	297	142	21.4
70	314	125	19.9	160	299	140	21.2	250	295	144	21.6	340	298	141	21.3
75	313	126	20.0	165	294	145	21.6	255	292	147	21.8	345	297	142	21.4
80	311	128	20.2	170	284	155	22.5	260	293	146	21.7	350	294	145	21.6
85	311	128	20.2	175	278	161	23.0	265	296	143	21.5	355	296	143	21.5

Contour type : F(50,10)
Signal strength : 97.000 dBu
Area covered : 0.000 sq. km
Population covered: 0 persons
Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	1.0	90	306	133	1.0	180	278	161	1.0	270	296	143	1.0
5	299	140	1.0	95	305	134	1.0	185	277	162	1.0	275	294	145	1.0
10	303	136	1.0	100	305	134	1.0	190	282	157	1.0	280	292	147	1.0
15	303	136	1.0	105	304	135	1.0	195	282	157	1.0	285	292	147	1.0
20	306	133	1.0	110	302	137	1.0	200	284	155	1.0	290	294	145	1.0
25	307	132	1.0	115	299	140	1.0	205	284	155	1.0	295	294	145	1.0
30	313	126	1.0	120	299	140	1.0	210	285	154	1.0	300	298	141	1.0
35	319	120	1.0	125	299	140	1.0	215	286	153	1.0	305	302	137	1.0
40	317	122	1.0	130	299	140	1.0	220	288	151	1.0	310	309	130	1.0
45	319	120	1.0	135	299	140	1.0	225	292	147	1.0	315	313	126	1.0
50	319	120	1.0	140	298	141	1.0	230	292	147	1.0	320	312	127	1.0
55	317	122	1.0	145	295	144	1.0	235	294	145	1.0	325	301	138	1.0
60	314	125	1.0	150	293	146	1.0	240	296	143	1.0	330	298	141	1.0
65	313	126	1.0	155	293	146	1.0	245	295	144	1.0	335	297	142	1.0
70	314	125	1.0	160	299	140	1.0	250	295	144	1.0	340	298	141	1.0
75	313	126	1.0	165	294	145	1.0	255	292	147	1.0	345	297	142	1.0
80	311	128	1.0	170	284	155	1.0	260	293	146	1.0	350	294	145	1.0
85	311	128	1.0	175	278	161	1.0	265	296	143	1.0	355	296	143	1.0

List of Facilities.txt

Contour type : F(50,10)
 Signal strength : 94.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	1.3	90	306	133	1.3	180	278	161	1.3	270	296	143	1.3
5	299	140	1.3	95	305	134	1.3	185	277	162	1.3	275	294	145	1.3
10	303	136	1.3	100	305	134	1.3	190	282	157	1.3	280	292	147	1.3
15	303	136	1.3	105	304	135	1.3	195	282	157	1.3	285	292	147	1.3
20	306	133	1.3	110	302	137	1.3	200	284	155	1.3	290	294	145	1.3
25	307	132	1.3	115	299	140	1.3	205	284	155	1.3	295	294	145	1.3
30	313	126	1.3	120	299	140	1.3	210	285	154	1.3	300	298	141	1.3
35	319	120	1.3	125	299	140	1.3	215	286	153	1.3	305	302	137	1.3
40	317	122	1.3	130	299	140	1.3	220	288	151	1.3	310	309	130	1.3
45	319	120	1.3	135	299	140	1.3	225	292	147	1.3	315	313	126	1.3
50	319	120	1.3	140	298	141	1.3	230	292	147	1.3	320	312	127	1.3
55	317	122	1.3	145	295	144	1.3	235	294	145	1.3	325	301	138	1.3
60	314	125	1.3	150	293	146	1.3	240	296	143	1.3	330	298	141	1.3
65	313	126	1.3	155	293	146	1.3	245	295	144	1.3	335	297	142	1.3
70	314	125	1.3	160	299	140	1.3	250	295	144	1.3	340	298	141	1.3
75	313	126	1.3	165	294	145	1.3	255	292	147	1.3	345	297	142	1.3
80	311	128	1.3	170	284	155	1.3	260	293	146	1.3	350	294	145	1.3
85	311	128	1.3	175	278	161	1.3	265	296	143	1.3	355	296	143	1.3

Contour type : F(50,10)
 Signal strength : 48.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	25.4	90	306	133	24.6	180	278	161	27.2	270	296	143	25.6
5	299	140	25.3	95	305	134	24.7	185	277	162	27.3	275	294	145	25.7
10	303	136	24.9	100	305	134	24.7	190	282	157	26.8	280	292	147	25.9
15	303	136	24.9	105	304	135	24.8	195	282	157	26.8	285	292	147	25.9
20	306	133	24.6	110	302	137	25.0	200	284	155	26.7	290	294	145	25.7
25	307	132	24.5	115	299	140	25.3	205	284	155	26.7	295	294	145	25.7
30	313	126	24.0	120	299	140	25.3	210	285	154	26.6	300	298	141	25.4
35	319	120	23.4	125	299	140	25.3	215	286	153	26.5	305	302	137	25.0
40	317	122	23.6	130	299	140	25.3	220	288	151	26.3	310	309	130	24.4
45	319	120	23.4	135	299	140	25.3	225	292	147	25.9	315	313	126	24.0
50	319	120	23.4	140	298	141	25.4	230	292	147	25.9	320	312	127	24.1
55	317	122	23.6	145	295	144	25.7	235	294	145	25.7	325	301	138	25.1
60	314	125	23.9	150	293	146	25.8	240	296	143	25.6	330	298	141	25.4
65	313	126	24.0	155	293	146	25.8	245	295	144	25.7	335	297	142	25.5
70	314	125	23.9	160	299	140	25.3	250	295	144	25.7	340	298	141	25.4
75	313	126	24.0	165	294	145	25.7	255	292	147	25.9	345	297	142	25.5
80	311	128	24.2	170	284	155	26.7	260	293	146	25.8	350	294	145	25.7
85	311	128	24.2	175	278	161	27.2	265	296	143	25.6	355	296	143	25.6

Contour type : F(50,10)
 Signal strength : 34.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 140.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	298	141	54.9	90	306	133	53.8	180	278	161	57.7	270	296	143	55.2
5	299	140	54.7	95	305	134	53.9	185	277	162	57.8	275	294	145	55.4
10	303	136	54.2	100	305	134	53.9	190	282	157	57.1	280	292	147	55.7
15	303	136	54.2	105	304	135	54.0	195	282	157	57.1	285	292	147	55.7
20	306	133	53.8	110	302	137	54.3	200	284	155	56.9	290	294	145	55.4
25	307	132	53.6	115	299	140	54.7	205	284	155	56.9	295	294	145	55.4
30	313	126	52.8	120	299	140	54.7	210	285	154	56.7	300	298	141	54.9
35	319	120	51.9	125	299	140	54.7	215	286	153	56.6	305	302	137	54.3
40	317	122	52.2	130	299	140	54.7	220	288	151	56.3	310	309	130	53.4
45	319	120	51.9	135	299	140	54.7	225	292	147	55.7	315	313	126	52.8
50	319	120	51.9	140	298	141	54.9	230	292	147	55.7	320	312	127	52.9
55	317	122	52.2	145	295	144	55.3	235	294	145	55.4	325	301	138	54.5
60	314	125	52.7	150	293	146	55.6	240	296	143	55.2	330	298	141	54.9

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65	313	126	52.8	155	293	146	55.6	245	295	144	55.3	335	297	142	55.0
70	314	125	52.7	160	299	140	54.7	250	295	144	55.3	340	298	141	54.9
75	313	126	52.8	165	294	145	55.4	255	292	147	55.7	345	297	142	55.0
80	311	128	53.1	170	284	155	56.9	260	293	146	55.6	350	294	145	55.4
85	311	128	53.1	175	278	161	57.7	265	296	143	55.2	355	296	143	55.2

□

Callsign : K206AW
 Coordinates : 42-01-20.0 N, 93-34-53.0 W
 Comments : Translator for KDFR, Des Moines, IA- Vertical polarization only
 Frequency (MHz): 89.10000
 HAAT (m): 48.74 AMSL (m): 344.00
 Elevation (m): 280.00 Tower AGL (m): 64.00
 ERP (w): 250
 TX power (w): 0 Gain (dB): 0.00
 City/State : AMES, IA
 ARN :
 Distance (km): 16
 Licensee : FAMILY STATIONS, INC.

□

Callsign : K261CA
 Coordinates : 42-03-07.0 N, 91-44-20.0 W
 Comments : TRANSLATOR FOR KDMC, DYERSVILLE, IA.
 Frequency (MHz): 100.10000
 HAAT (m): 78.28 AMSL (m): 329.00
 Elevation (m): 230.00 Tower AGL (m): 99.00
 ERP (w): 205
 TX power (w): 0 Gain (dB): 0.00
 City/State : CEDAR RAPIDS, IA
 ARN :
 Distance (km): 144
 Licensee : POWER DU FREE BROADCASTING COMPANY

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 82.0

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	259	70	10.4	90	250	79	11.0	180	244	85	11.4	270	241	88	11.5
5	262	67	10.2	95	248	81	11.1	185	244	85	11.4	275	239	90	11.7
10	251	78	10.9	100	248	81	11.1	190	242	87	11.5	280	239	90	11.7
15	253	76	10.8	105	249	80	11.0	195	238	91	11.7	285	237	92	11.8
20	252	77	10.8	110	249	80	11.0	200	239	90	11.7	290	234	95	12.0
25	250	79	11.0	115	251	78	10.9	205	239	90	11.7	295	234	95	12.0
30	254	75	10.7	120	240	89	11.6	210	244	85	11.4	300	244	85	11.4
35	257	72	10.5	125	246	83	11.2	215	248	81	11.1	305	249	80	11.0
40	259	70	10.4	130	251	78	10.9	220	255	74	10.7	310	248	81	11.1
45	259	70	10.4	135	247	82	11.2	225	257	72	10.5	315	248	81	11.1
50	259	70	10.4	140	236	93	11.8	230	261	68	10.2	320	245	84	11.3
55	260	69	10.3	145	230	99	12.2	235	260	69	10.3	325	242	87	11.5
60	259	70	10.4	150	232	97	12.1	240	252	77	10.8	330	233	96	12.0
65	257	72	10.5	155	235	94	11.9	245	244	85	11.4	335	233	96	12.0
70	255	74	10.7	160	239	90	11.7	250	251	78	10.9	340	236	93	11.8
75	253	76	10.8	165	245	84	11.3	255	248	81	11.1	345	244	85	11.4
80	246	83	11.2	170	249	80	11.0	260	242	87	11.5	350	251	78	10.9
85	245	84	11.3	175	248	81	11.1	265	242	87	11.5	355	256	73	10.6

Contour type : F(50,10)
 Signal strength : 54.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 82.0

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	259	70	14.6	90	250	79	15.7	180	244	85	16.4	270	241	88	16.8
5	262	67	14.2	95	248	81	15.9	185	244	85	16.4	275	239	90	17.0
10	251	78	15.5	100	248	81	15.9	190	242	87	16.6	280	239	90	17.0
15	253	76	15.3	105	249	80	15.8	195	238	91	17.1	285	237	92	17.2
20	252	77	15.4	110	249	80	15.8	200	239	90	17.0	290	234	95	17.6
25	250	79	15.7	115	251	78	15.5	205	239	90	17.0	295	234	95	17.6

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30	254	75	15.2	120	240	89	16.9	210	244	85	16.4	300	244	85	16.4
35	257	72	14.8	125	246	83	16.1	215	248	81	15.9	305	249	80	15.8
40	259	70	14.6	130	251	78	15.5	220	255	74	15.0	310	248	81	15.9
45	259	70	14.6	135	247	82	16.0	225	257	72	14.8	315	248	81	15.9
50	259	70	14.6	140	236	93	17.3	230	261	68	14.3	320	245	84	16.3
55	260	69	14.4	145	230	99	18.0	235	260	69	14.4	325	242	87	16.6
60	259	70	14.6	150	232	97	17.8	240	252	77	15.4	330	233	96	17.7
65	257	72	14.8	155	235	94	17.5	245	244	85	16.4	335	233	96	17.7
70	255	74	15.0	160	239	90	17.0	250	251	78	15.5	340	236	93	17.3
75	253	76	15.3	165	245	84	16.3	255	248	81	15.9	345	244	85	16.4
80	246	83	16.1	170	249	80	15.8	260	242	87	16.6	350	251	78	15.5
85	245	84	16.3	175	248	81	15.9	265	242	87	16.6	355	256	73	14.9

□

Callsign : KAUS-FM
 Coordinates : 43-37-42.0 N, 93-09-12.0 W
 Comments :
 Frequency (MHz): 99.90000
 HAAT (m): 284.88 AMSL (m): 660.00
 Elevation (m): 380.00 Tower AGL (m): 280.00
 ERP (w): 100000
 TX power (w): 100 Gain (dB): 0.00
 City/State : AUSTIN, MN
 ARN :
 Distance (km): 166
 Licensee : THREE EAGLES OF LUVERNE, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 284.5

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	376	284	71.1	90	366	294	71.9	180	379	281	70.8	270	372	288	71.4
5	378	282	70.9	95	364	296	72.1	185	380	280	70.8	275	374	286	71.3
10	379	281	70.8	100	364	296	72.1	190	380	280	70.8	280	376	284	71.1
15	381	279	70.7	105	362	298	72.2	195	380	280	70.8	285	374	286	71.3
20	382	278	70.6	110	364	296	72.1	200	380	280	70.8	290	378	282	70.9
25	384	276	70.4	115	367	293	71.8	205	380	280	70.8	295	380	280	70.8
30	382	278	70.6	120	368	292	71.8	210	379	281	70.8	300	382	278	70.6
35	380	280	70.8	125	368	292	71.8	215	378	282	70.9	305	385	275	70.3
40	380	280	70.8	130	368	292	71.8	220	376	284	71.1	310	386	274	70.3
45	380	280	70.8	135	372	288	71.4	225	374	286	71.3	315	382	278	70.6
50	380	280	70.8	140	370	290	71.6	230	376	284	71.1	320	378	282	70.9
55	379	281	70.8	145	373	287	71.3	235	374	286	71.3	325	378	282	70.9
60	375	285	71.2	150	374	286	71.3	240	372	288	71.4	330	377	283	71.0
65	372	288	71.4	155	374	286	71.3	245	373	287	71.3	335	376	284	71.1
70	372	288	71.4	160	376	284	71.1	250	377	283	71.0	340	375	285	71.2
75	368	292	71.8	165	379	281	70.8	255	378	282	70.9	345	376	284	71.1
80	370	290	71.6	170	378	282	70.9	260	376	284	71.1	350	376	284	71.1
85	370	290	71.6	175	377	283	71.0	265	372	288	71.4	355	376	284	71.1

□

Callsign : KBEA-FM
 Coordinates : 41-36-22.0 N, 90-59-35.0 W
 Comments :
 Frequency (MHz): 99.70000
 HAAT (m): 262.18 AMSL (m): 481.00
 Elevation (m): 210.00 Tower AGL (m): 271.00
 ERP (w): 100000
 TX power (w): 100 Gain (dB): 0.00
 City/State : MUSCATINE, IA
 ARN :
 Distance (km): 215
 Licensee : CUMULUS LICENSING CORP.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 263.4

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
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List of Facilities.txt

0	229	252	68.4	90	214	267	69.7	180	214	267	69.7	270	211	270	69.9
5	230	251	68.3	95	209	272	70.1	185	209	272	70.1	275	211	270	69.9
10	227	254	68.6	100	213	268	69.7	190	207	274	70.3	280	211	270	69.9
15	226	255	68.7	105	216	265	69.5	195	211	270	69.9	285	214	267	69.7
20	230	251	68.3	110	222	259	69.0	200	210	271	70.0	290	211	270	69.9
25	231	250	68.2	115	226	255	68.7	205	211	270	69.9	295	211	270	69.9
30	231	250	68.2	120	225	256	68.7	210	208	273	70.2	300	216	265	69.5
35	231	250	68.2	125	224	257	68.8	215	208	273	70.2	305	224	257	68.8
40	230	251	68.3	130	223	258	68.9	220	206	275	70.3	310	226	255	68.7
45	229	252	68.4	135	223	258	68.9	225	203	278	70.6	315	227	254	68.6
50	226	255	68.7	140	219	262	69.2	230	199	282	70.9	320	228	253	68.5
55	225	256	68.7	145	217	264	69.4	235	196	285	71.2	325	227	254	68.6
60	216	265	69.5	150	213	268	69.7	240	197	284	71.1	330	225	256	68.7
65	215	266	69.6	155	213	268	69.7	245	202	279	70.7	335	225	256	68.7
70	214	267	69.7	160	217	264	69.4	250	205	276	70.4	340	228	253	68.5
75	216	265	69.5	165	218	263	69.3	255	205	276	70.4	345	230	251	68.3
80	217	264	69.4	170	223	258	68.9	260	211	270	69.9	350	226	255	68.7
85	218	263	69.3	175	219	262	69.2	265	211	270	69.9	355	228	253	68.5

□

Callsign : KBOL-LP
 Coordinates : 42-29-57.0 N, 92-20-08.5 W
 Comments :
 Frequency (MHz): 100.10000
 HAAT (m): 31.31 AMSL (m): 301.00
 Elevation (m): 250.00 Tower AGL (m): 51.00
 ERP (w): 100
 TX power (w): 0 Gain (dB): 0.00
 City/State : WATERLOO, IA
 ARN :
 Distance (km): 102
 Licensee : THE COMMUNITY OUTREACH, INC

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 27.7

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	279	22	5.6	90	275	26	5.6	180	275	26	5.6	270	276	25	5.6
5	281	20	5.6	95	274	27	5.6	185	279	22	5.6	275	275	26	5.6
10	279	22	5.6	100	276	25	5.6	190	285	16	5.6	280	277	24	5.6
15	277	24	5.6	105	272	29	5.6	195	287	14	5.6	285	275	26	5.6
20	280	21	5.6	110	271	30	5.6	200	289	12	5.6	290	275	26	5.6
25	280	21	5.6	115	269	32	5.8	205	291	10	5.6	295	263	38	6.3
30	283	18	5.6	120	264	37	6.2	210	288	13	5.6	300	259	42	6.6
35	283	18	5.6	125	259	42	6.6	215	285	16	5.6	305	259	42	6.6
40	283	18	5.6	130	253	48	7.1	220	279	22	5.6	310	259	42	6.6
45	279	22	5.6	135	243	58	7.8	225	270	31	5.7	315	261	40	6.5
50	281	20	5.6	140	247	54	7.6	230	267	34	6.0	320	264	37	6.2
55	284	17	5.6	145	251	50	7.2	235	270	31	5.7	325	267	34	6.0
60	280	21	5.6	150	257	44	6.8	240	272	29	5.6	330	271	30	5.6
65	279	22	5.6	155	261	40	6.5	245	273	28	5.6	335	277	24	5.6
70	279	22	5.6	160	265	36	6.1	250	280	21	5.6	340	276	25	5.6
75	276	25	5.6	165	269	32	5.8	255	277	24	5.6	345	277	24	5.6
80	277	24	5.6	170	271	30	5.6	260	279	22	5.6	350	277	24	5.6
85	275	26	5.6	175	274	27	5.6	265	280	21	5.6	355	276	25	5.6

□

Callsign : KCWN
 Coordinates : 41-17-32.0 N, 92-40-24.0 W
 Comments :
 Frequency (MHz): 99.90000
 HAAT (m): 85.18 AMSL (m): 324.00
 Elevation (m): 230.00 Tower AGL (m): 94.00
 ERP (w): 25000
 TX power (w): 25 Gain (dB): 0.00
 City/State : NEW SHARON, IA
 ARN :
 Distance (km): 117
 Licensee : CROWN BROADCASTING COMPANY

List of Facilities.txt

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 85.4

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	243	81	35.6	90	250	74	34.2	180	217	107	40.2	270	232	92	37.7
5	239	85	36.4	95	255	69	33.1	185	218	106	40.0	275	234	90	37.3
10	242	82	35.8	100	259	65	32.2	190	222	102	39.4	280	237	87	36.8
15	242	82	35.8	105	261	63	31.8	195	226	98	38.7	285	237	87	36.8
20	245	79	35.2	110	266	58	30.6	200	228	96	38.4	290	246	78	35.0
25	249	75	34.4	115	262	62	31.6	205	231	93	37.9	295	243	81	35.6
30	248	76	34.6	120	258	66	32.5	210	225	99	38.9	300	239	85	36.4
35	245	79	35.2	125	254	70	33.3	215	228	96	38.4	305	242	82	35.8
40	241	83	36.0	130	247	77	34.8	220	226	98	38.7	310	255	69	33.1
45	239	85	36.4	135	251	73	34.0	225	230	94	38.1	315	249	75	34.4
50	241	83	36.0	140	256	68	32.9	230	226	98	38.7	320	246	78	35.0
55	235	89	37.1	145	246	78	35.0	235	221	103	39.6	325	239	85	36.4
60	236	88	37.0	150	238	86	36.6	240	224	100	39.1	330	238	86	36.6
65	241	83	36.0	155	233	91	37.5	245	224	100	39.1	335	239	85	36.4
70	241	83	36.0	160	227	97	38.6	250	228	96	38.4	340	242	82	35.8
75	242	82	35.8	165	219	105	39.9	255	221	103	39.6	345	243	81	35.6
80	244	80	35.4	170	217	107	40.2	260	226	98	38.7	350	246	78	35.0
85	247	77	34.8	175	221	103	39.6	265	231	93	37.9	355	243	81	35.6

□
 Callsign : KDAO-FM
 Coordinates : 42-15-49.0 N, 93-03-57.0 W
 Comments :
 Frequency (MHz): 99.50000
 HAAT (m): 99.20 AMSL (m): 409.00
 Elevation (m): 290.00 Tower AGL (m): 119.00
 ERP (w): 3000
 TX power (w): 3 Gain (dB): 0.00
 City/State : ELDORA, IA
 ARN :
 Distance (km): 37
 Licensee : ELDORA BROADCASTING COMPANY

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 99.4

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	312	97	23.9	90	315	94	23.5	180	286	123	26.5	270	326	83	22.1
5	316	93	23.4	95	309	100	24.2	185	289	120	26.3	275	323	86	22.5
10	317	92	23.3	100	307	102	24.5	190	292	117	26.0	280	331	78	21.5
15	327	82	22.0	105	305	104	24.7	195	293	116	25.9	285	333	76	21.2
20	324	85	22.4	110	311	98	24.0	200	294	115	25.8	290	329	80	21.7
25	325	84	22.3	115	312	97	23.9	205	293	116	25.9	295	326	83	22.1
30	325	84	22.3	120	310	99	24.1	210	294	115	25.8	300	319	90	23.0
35	325	84	22.3	125	306	103	24.6	215	296	113	25.6	305	311	98	24.0
40	328	81	21.9	130	302	107	25.0	220	298	111	25.4	310	305	104	24.7
45	326	83	22.1	135	295	114	25.7	225	302	107	25.0	315	317	92	23.3
50	323	86	22.5	140	293	116	25.9	230	300	109	25.2	320	315	94	23.5
55	322	87	22.6	145	291	118	26.1	235	302	107	25.0	325	308	101	24.3
60	323	86	22.5	150	289	120	26.3	240	306	103	24.6	330	303	106	24.9
65	318	91	23.1	155	288	121	26.4	245	308	101	24.3	335	311	98	24.0
70	316	93	23.4	160	288	121	26.4	250	314	95	23.6	340	314	95	23.6
75	321	88	22.8	165	286	123	26.5	255	318	91	23.1	345	319	90	23.0
80	319	90	23.0	170	284	125	26.7	260	321	88	22.8	350	314	95	23.6
85	317	92	23.3	175	283	126	26.8	265	319	90	23.0	355	307	102	24.5

□
 Callsign : KDWD
 Coordinates : 43-07-24.0 N, 94-51-29.0 W
 Comments :
 Frequency (MHz): 100.10000
 HAAT (m): 124.13 AMSL (m): 535.00

List of Facilities.txt

Elevation (m): 440.00 Tower AGL (m): 95.00
 ERP (w): 3900
 TX power (w): 4 Gain (dB): 0.00
 City/State : EMMETSBURG, IA
 ARN :
 Distance (km): 155
 Licensee : JIM DANDY BROADCASTING, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 123.7

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	445	90	24.4	90	385	150	30.8	180	419	116	27.5	270	409	126	28.4
5	446	89	24.3	95	384	151	30.9	185	425	110	26.8	275	413	122	28.0
10	436	99	25.6	100	385	150	30.8	190	425	110	26.8	280	415	120	27.9
15	431	104	26.2	105	383	152	31.0	195	429	106	26.4	285	415	120	27.9
20	423	112	27.0	110	383	152	31.0	200	431	104	26.2	290	413	122	28.0
25	413	122	28.0	115	385	150	30.8	205	437	98	25.4	295	411	124	28.2
30	409	126	28.4	120	389	146	30.3	210	438	97	25.3	300	413	122	28.0
35	401	134	29.2	125	391	144	30.1	215	439	96	25.2	305	415	120	27.9
40	393	142	29.9	130	391	144	30.1	220	439	96	25.2	310	415	120	27.9
45	391	144	30.1	135	390	145	30.2	225	435	100	25.7	315	413	122	28.0
50	389	146	30.3	140	390	145	30.2	230	428	107	26.5	320	414	121	27.9
55	389	146	30.3	145	391	144	30.1	235	431	104	26.2	325	415	120	27.9
60	387	148	30.5	150	394	141	29.8	240	432	103	26.0	330	419	116	27.5
65	389	146	30.3	155	395	140	29.7	245	429	106	26.4	335	423	112	27.0
70	389	146	30.3	160	405	130	28.8	250	426	109	26.7	340	429	106	26.4
75	387	148	30.5	165	411	124	28.2	255	419	116	27.5	345	429	106	26.4
80	388	147	30.4	170	413	122	28.0	260	417	118	27.7	350	433	102	25.9
85	384	151	30.9	175	415	120	27.9	265	415	120	27.9	355	435	100	25.7

□

Callsign : KDWD
 Coordinates : 43-07-24.0 N, 94-51-29.0 W
 Comments :
 Frequency (MHz): 100.10000
 HAAT (m): 124.13 AMSL (m): 535.00
 Elevation (m): 440.00 Tower AGL (m): 95.00
 ERP (w): 3900
 TX power (w): 4 Gain (dB): 0.00
 City/State : EMMETSBURG, IA
 ARN :
 Distance (km): 155
 Licensee : JIM DANDY BROADCASTING, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 123.7

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	445	90	24.4	90	385	150	30.8	180	419	116	27.5	270	409	126	28.4
5	446	89	24.3	95	384	151	30.9	185	425	110	26.8	275	413	122	28.0
10	436	99	25.6	100	385	150	30.8	190	425	110	26.8	280	415	120	27.9
15	431	104	26.2	105	383	152	31.0	195	429	106	26.4	285	415	120	27.9
20	423	112	27.0	110	383	152	31.0	200	431	104	26.2	290	413	122	28.0
25	413	122	28.0	115	385	150	30.8	205	437	98	25.4	295	411	124	28.2
30	409	126	28.4	120	389	146	30.3	210	438	97	25.3	300	413	122	28.0
35	401	134	29.2	125	391	144	30.1	215	439	96	25.2	305	415	120	27.9
40	393	142	29.9	130	391	144	30.1	220	439	96	25.2	310	415	120	27.9
45	391	144	30.1	135	390	145	30.2	225	435	100	25.7	315	413	122	28.0
50	389	146	30.3	140	390	145	30.2	230	428	107	26.5	320	414	121	27.9
55	389	146	30.3	145	391	144	30.1	235	431	104	26.2	325	415	120	27.9
60	387	148	30.5	150	394	141	29.8	240	432	103	26.0	330	419	116	27.5
65	389	146	30.3	155	395	140	29.7	245	429	106	26.4	335	423	112	27.0
70	389	146	30.3	160	405	130	28.8	250	426	109	26.7	340	429	106	26.4
75	387	148	30.5	165	411	124	28.2	255	419	116	27.5	345	429	106	26.4
80	388	147	30.4	170	413	122	28.0	260	417	118	27.7	350	433	102	25.9
85	384	151	30.9	175	415	120	27.9	265	415	120	27.9	355	435	100	25.7

List of Facilities.txt

□

Callsign : KDWD
 Coordinates : 43-07-24.0 N, 94-51-28.0 W
 Comments : Grant conditioned on final outcome of MM Docket No. 01-65.
 Frequency (MHz): 100.10000
 HAAT (m): 123.94 AMSL (m): 535.00
 Elevation (m): 440.00 Tower AGL (m): 95.00
 ERP (w): 16000
 TX power (w): 16 Gain (dB): 0.00
 City/State : EMMETSBURG, IA
 ARN :
 Distance (km): 155
 Licensee : JIM DANDY BROADCASTING, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 123.8

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	445	90	33.8	90	384	151	42.3	180	419	116	37.9	270	411	124	38.9
5	445	90	33.8	95	384	151	42.3	185	425	110	37.1	275	413	122	38.7
10	436	99	35.4	100	385	150	42.2	190	425	110	37.1	280	415	120	38.4
15	431	104	36.2	105	383	152	42.4	195	429	106	36.5	285	415	120	38.4
20	423	112	37.4	110	383	152	42.4	200	431	104	36.2	290	413	122	38.7
25	413	122	38.7	115	385	150	42.2	205	437	98	35.2	295	411	124	38.9
30	409	126	39.2	120	389	146	41.7	210	438	97	35.0	300	413	122	38.7
35	400	135	40.3	125	391	144	41.4	215	439	96	34.9	305	415	120	38.4
40	393	142	41.2	130	391	144	41.4	220	439	96	34.9	310	415	120	38.4
45	391	144	41.4	135	390	145	41.6	225	436	99	35.4	315	413	122	38.7
50	389	146	41.7	140	390	145	41.6	230	429	106	36.5	320	414	121	38.5
55	387	148	41.9	145	391	144	41.4	235	431	104	36.2	325	415	120	38.4
60	387	148	41.9	150	394	141	41.0	240	432	103	36.0	330	419	116	37.9
65	389	146	41.7	155	395	140	40.9	245	429	106	36.5	335	423	112	37.4
70	389	146	41.7	160	405	130	39.6	250	426	109	36.9	340	429	106	36.5
75	387	148	41.9	165	410	125	39.0	255	419	116	37.9	345	429	106	36.5
80	388	147	41.8	170	413	122	38.7	260	417	118	38.2	350	433	102	35.9
85	383	152	42.4	175	415	120	38.4	265	415	120	38.4	355	435	100	35.6

□

Callsign : KDWD
 Coordinates : 43-07-24.0 N, 94-51-28.0 W
 Comments : Grant conditioned on final outcome of MM Docket No. 01-65.
 Frequency (MHz): 100.10000
 HAAT (m): 123.94 AMSL (m): 535.00
 Elevation (m): 440.00 Tower AGL (m): 95.00
 ERP (w): 16000
 TX power (w): 16 Gain (dB): 0.00
 City/State : EMMETSBURG, IA
 ARN :
 Distance (km): 155
 Licensee : JIM DANDY BROADCASTING, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 123.8

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	445	90	33.8	90	384	151	42.3	180	419	116	37.9	270	411	124	38.9
5	445	90	33.8	95	384	151	42.3	185	425	110	37.1	275	413	122	38.7
10	436	99	35.4	100	385	150	42.2	190	425	110	37.1	280	415	120	38.4
15	431	104	36.2	105	383	152	42.4	195	429	106	36.5	285	415	120	38.4
20	423	112	37.4	110	383	152	42.4	200	431	104	36.2	290	413	122	38.7
25	413	122	38.7	115	385	150	42.2	205	437	98	35.2	295	411	124	38.9
30	409	126	39.2	120	389	146	41.7	210	438	97	35.0	300	413	122	38.7
35	400	135	40.3	125	391	144	41.4	215	439	96	34.9	305	415	120	38.4
40	393	142	41.2	130	391	144	41.4	220	439	96	34.9	310	415	120	38.4
45	391	144	41.4	135	390	145	41.6	225	436	99	35.4	315	413	122	38.7
50	389	146	41.7	140	390	145	41.6	230	429	106	36.5	320	414	121	38.5

List of Facilities.txt

55	387	148	41.9	145	391	144	41.4	235	431	104	36.2	325	415	120	38.4
60	387	148	41.9	150	394	141	41.0	240	432	103	36.0	330	419	116	37.9
65	389	146	41.7	155	395	140	40.9	245	429	106	36.5	335	423	112	37.4
70	389	146	41.7	160	405	130	39.6	250	426	109	36.9	340	429	106	36.5
75	387	148	41.9	165	410	125	39.0	255	419	116	37.9	345	429	106	36.5
80	388	147	41.8	170	413	122	38.7	260	417	118	38.2	350	433	102	35.9
85	383	152	42.4	175	415	120	38.4	265	415	120	38.4	355	435	100	35.6

□

Callsign : KFGQ-FM
 Coordinates : 42-02-55.0 N, 93-53-54.0 W
 Comments : COMMERCIAL CHANNEL OPERATING EDUCATIONAL Increase to maximum Class A facility pursuant to MM Docket 88-375
 Frequency (MHz): 99.30000
 HAAT (m): 108.42 AMSL (m): 430.00
 Elevation (m): 340.00 Tower AGL (m): 90.00
 ERP (w): 5200
 TX power (w): 5 Gain (dB): 0.00
 City/State : BOONE, IA
 ARN :
 Distance (km): 35
 Licensee : BOONE BIBLICAL MINISTRIES, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 107.4

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	348	82	24.9	90	329	101	27.5	180	287	143	32.2	270	311	119	29.6
5	347	83	25.1	95	327	103	27.8	185	297	133	31.1	275	310	120	29.7
10	347	83	25.1	100	331	99	27.3	190	306	124	30.1	280	315	115	29.2
15	345	85	25.4	105	332	98	27.1	195	311	119	29.6	285	320	110	28.6
20	344	86	25.5	110	333	97	27.0	200	309	121	29.8	290	317	113	29.0
25	342	88	25.8	115	332	98	27.1	205	311	119	29.6	295	322	108	28.4
30	340	90	26.1	120	332	98	27.1	210	315	115	29.2	300	323	107	28.3
35	337	93	26.5	125	332	98	27.1	215	315	115	29.2	305	323	107	28.3
40	335	95	26.7	130	330	100	27.4	220	313	117	29.4	310	325	105	28.0
45	332	98	27.1	135	333	97	27.0	225	314	116	29.3	315	319	111	28.7
50	328	102	27.7	140	332	98	27.1	230	314	116	29.3	320	321	109	28.5
55	326	104	27.9	145	331	99	27.3	235	314	116	29.3	325	312	118	29.5
60	329	101	27.5	150	326	104	27.9	240	313	117	29.4	330	313	117	29.4
65	331	99	27.3	155	318	112	28.8	245	311	119	29.6	335	306	124	30.1
70	331	99	27.3	160	314	116	29.3	250	312	118	29.5	340	314	116	29.3
75	328	102	27.7	165	311	119	29.6	255	313	117	29.4	345	329	101	27.5
80	329	101	27.5	170	298	132	31.0	260	311	119	29.6	350	342	88	25.8
85	328	102	27.7	175	291	139	31.8	265	314	116	29.3	355	348	82	24.9

□

Callsign : KGOR
 Coordinates : 41-18-29.0 N, 96-01-36.0 W
 Comments :
 Frequency (MHz): 99.90000
 HAAT (m): 370.17 AMSL (m): 713.00
 Elevation (m): 350.00 Tower AGL (m): 363.00
 ERP (w): 110000
 TX power (w): 110 Gain (dB): 0.00
 City/State : OMAHA, NE
 ARN :
 Distance (km): 230
 Licensee : CAPSTAR TX LIMITED PARTNERSHIP

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 370.7

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	373	340	76.3	90	324	389	79.9	180	328	385	79.6	270	356	357	77.6
5	360	353	77.3	95	318	395	80.4	185	336	377	79.0	275	355	358	77.6
10	345	368	78.4	100	317	396	80.4	190	335	378	79.1	280	358	355	77.4

List of Facilities.txt

15	352	361	77.9	105	316	397	80.5	195	338	375	78.9	285	356	357	77.6
20	352	361	77.9	110	313	400	80.7	200	340	373	78.7	290	356	357	77.6
25	346	367	78.3	115	314	399	80.6	205	337	376	79.0	295	348	365	78.1
30	344	369	78.4	120	315	398	80.6	210	342	371	78.6	300	346	367	78.3
35	339	374	78.8	125	319	394	80.3	215	339	374	78.8	305	357	356	77.5
40	321	392	80.1	130	332	381	79.3	220	346	367	78.3	310	362	351	77.1
45	315	398	80.6	135	337	376	79.0	225	341	372	78.7	315	367	346	76.8
50	314	399	80.6	140	338	375	78.9	230	342	371	78.6	320	373	340	76.3
55	317	396	80.4	145	342	371	78.6	235	345	368	78.4	325	372	341	76.4
60	316	397	80.5	150	352	361	77.9	240	348	365	78.1	330	371	342	76.5
65	316	397	80.5	155	356	357	77.6	245	355	358	77.6	335	366	347	76.8
70	324	389	79.9	160	354	359	77.7	250	353	360	77.8	340	362	351	77.1
75	327	386	79.7	165	344	369	78.4	255	350	363	78.0	345	365	348	76.9
80	329	384	79.5	170	327	386	79.7	260	355	358	77.6	350	372	341	76.4
85	325	388	79.8	175	316	397	80.5	265	356	357	77.6	355	368	345	76.7

□

Callsign : KGOR
 Coordinates : 41-18-25.0 N, 96-01-37.0 W
 Comments : GRANDFATHERED AT 115KW @ 375M HAAT.
 Frequency (MHz): 99.90000
 HAAT (m): 374.96 AMSL (m): 717.00
 Elevation (m): 350.00 Tower AGL (m): 367.00
 ERP (w): 110000
 TX power (w): 110 Gain (dB): 0.00
 City/State : OMAHA, NE
 ARN :
 Distance (km): 230
 Licensee : CAPSTAR TX LIMITED PARTNERSHIP

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 374.8

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	371	346	76.8	90	324	393	80.2	180	328	389	79.9	270	356	361	77.9
5	358	359	77.7	95	318	399	80.6	185	335	382	79.4	275	356	361	77.9
10	347	370	78.5	100	317	400	80.7	190	337	380	79.2	280	358	359	77.7
15	354	363	78.0	105	316	401	80.8	195	335	382	79.4	285	358	359	77.7
20	353	364	78.1	110	312	405	81.1	200	340	377	79.0	290	358	359	77.7
25	347	370	78.5	115	314	403	80.9	205	338	379	79.2	295	351	366	78.2
30	343	374	78.8	120	316	401	80.8	210	342	375	78.9	300	347	370	78.5
35	338	379	79.2	125	321	396	80.4	215	339	378	79.1	305	355	362	77.9
40	320	397	80.5	130	332	385	79.6	220	345	372	78.7	310	358	359	77.7
45	315	402	80.9	135	334	383	79.5	225	341	376	79.0	315	368	349	77.0
50	317	400	80.7	140	338	379	79.2	230	342	375	78.9	320	373	344	76.6
55	318	399	80.6	145	343	374	78.8	235	346	371	78.6	325	372	345	76.7
60	316	401	80.8	150	351	366	78.2	240	346	371	78.6	330	371	346	76.8
65	316	401	80.8	155	356	361	77.9	245	354	363	78.0	335	368	349	77.0
70	323	394	80.3	160	352	365	78.1	250	353	364	78.1	340	362	355	77.4
75	329	388	79.8	165	342	375	78.9	255	349	368	78.4	345	364	353	77.3
80	331	386	79.7	170	326	391	80.1	260	354	363	78.0	350	371	346	76.8
85	325	392	80.1	175	317	400	80.7	265	357	360	77.8	355	365	352	77.2

□

Callsign : KHAM
 Coordinates : 43-06-05.0 N, 93-55-10.0 W
 Comments :
 Frequency (MHz): 99.50000
 HAAT (m): 77.13 AMSL (m): 446.00
 Elevation (m): 380.00 Tower AGL (m): 66.00
 ERP (w): 6000
 TX power (w): 6 Gain (dB): 0.00
 City/State : BRITT, IA
 ARN :
 Distance (km): 111
 Licensee : LYLE ROBERT EVANS

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km

List of Facilities.txt

Population covered: 0 persons

Contour HAAT (m) : 76.8

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	380	66	23.4	90	371	75	24.7	180	359	87	26.5	270	368	78	25.2				
5	380	66	23.4	95	370	76	24.9	185	355	91	27.1	275	368	78	25.2				
10	384	62	22.8	100	370	76	24.9	190	354	92	27.2	280	366	80	25.5				
15	392	54	21.4	105	370	76	24.9	195	355	91	27.1	285	364	82	25.8				
20	397	49	20.3	110	368	78	25.2	200	360	86	26.4	290	365	81	25.6				
25	401	45	19.5	115	366	80	25.5	205	354	92	27.2	295	367	79	25.3				
30	402	44	19.2	120	365	81	25.6	210	352	94	27.5	300	366	80	25.5				
35	398	48	20.1	125	364	82	25.8	215	352	94	27.5	305	365	81	25.6				
40	392	54	21.4	130	364	82	25.8	220	354	92	27.2	310	366	80	25.5				
45	383	63	22.9	135	362	84	26.1	225	358	88	26.6	315	368	78	25.2				
50	376	70	24.0	140	364	82	25.8	230	364	82	25.8	320	370	76	24.9				
55	372	74	24.6	145	360	86	26.4	235	369	77	25.0	325	371	75	24.7				
60	372	74	24.6	150	358	88	26.6	240	375	71	24.1	330	370	76	24.9				
65	372	74	24.6	155	358	88	26.6	245	374	72	24.3	335	372	74	24.6				
70	371	75	24.7	160	360	86	26.4	250	372	74	24.6	340	372	74	24.6				
75	371	75	24.7	165	363	83	25.9	255	372	74	24.6	345	370	76	24.9				
80	371	75	24.7	170	357	89	26.8	260	370	76	24.9	350	372	74	24.6				
85	370	76	24.9	175	358	88	26.6	265	370	76	24.9	355	374	72	24.3				

□

Callsign : KJMC
 Coordinates : 41-39-21.0 N, 93-35-51.0 W
 Comments :
 Frequency (MHz): 89.30000
 HAAT (m): 41.39 AMSL (m): 311.00
 Elevation (m): 270.00 Tower AGL (m): 41.00
 ERP (w): 7100
 TX power (w): 7 Gain (dB): 0.00
 City/State : DES MOINES, IA
 ARN :
 Distance (km): 56
 Licensee : MINORITY COMMUNICATIONS, INC.

□

Callsign : KJMC
 Coordinates : 41-39-21.0 N, 93-35-51.0 W
 Comments :
 Frequency (MHz): 89.30000
 HAAT (m): 61.39 AMSL (m): 331.00
 Elevation (m): 270.00 Tower AGL (m): 61.00
 ERP (w): 7100
 TX power (w): 7 Gain (dB): 0.00
 City/State : DES MOINES, IA
 ARN :
 Distance (km): 56
 Licensee : MINORITY COMMUNICATIONS, INC.

□

Callsign : KJMC
 Coordinates : 41-48-01.0 N, 93-36-27.0 W
 Comments :
 Frequency (MHz): 89.30000
 HAAT (m): 126.62 AMSL (m): 413.00
 Elevation (m): 290.00 Tower AGL (m): 123.00
 ERP (w): 9000
 TX power (w): 9 Gain (dB): 0.00
 City/State : DES MOINES, IA
 ARN :
 Distance (km): 40
 Licensee : MINORITY COMMUNICATIONS, INC.

□

Callsign : !KMXD
 Coordinates : 41-48-33.0 N, 93-36-53.0 W
 Frequency (MHz): 100.30000
 HAAT (m): 523.30 AMSL (m): 811.00
 Elevation (m): 290.00 Tower AGL (m): 521.00
 ERP (w): 100000
 TX power (w): 100 Gain (dB): 0.00

List of Facilities.txt

City/State : DES MOINES, IA
 ARN :
 Distance (km): 39
 Licensee : CITICASTERS LICENSES, L.P.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 523.8

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	303	508	87.2	90	272	539	89.0	180	283	528	88.4	270	285	526	88.3
5	300	511	87.4	95	274	537	88.9	185	282	529	88.4	275	286	525	88.2
10	296	515	87.6	100	275	536	88.9	190	283	528	88.4	280	291	520	87.9
15	291	520	87.9	105	276	535	88.8	195	278	533	88.7	285	293	518	87.8
20	286	525	88.2	110	285	526	88.3	200	277	534	88.7	290	297	514	87.6
25	283	528	88.4	115	291	520	87.9	205	279	532	88.6	295	298	513	87.5
30	282	529	88.4	120	294	517	87.7	210	277	534	88.7	300	300	511	87.4
35	284	527	88.3	125	294	517	87.7	215	275	536	88.9	305	301	510	87.3
40	286	525	88.2	130	293	518	87.8	220	274	537	88.9	310	305	506	87.1
45	283	528	88.4	135	292	519	87.9	225	276	535	88.8	315	307	504	87.0
50	282	529	88.4	140	294	517	87.7	230	274	537	88.9	320	310	501	86.8
55	282	529	88.4	145	291	520	87.9	235	274	537	88.9	325	310	501	86.8
60	282	529	88.4	150	283	528	88.4	240	276	535	88.8	330	311	500	86.7
65	277	534	88.7	155	275	536	88.9	245	278	533	88.7	335	311	500	86.7
70	276	535	88.8	160	270	541	89.2	250	281	530	88.5	340	309	502	86.8
75	276	535	88.8	165	282	529	88.4	255	284	527	88.3	345	307	504	87.0
80	274	537	88.9	170	288	523	88.1	260	284	527	88.3	350	306	505	87.0
85	272	539	89.0	175	291	520	87.9	265	278	533	88.7	355	304	507	87.1

Contour type : F(50,50)
 Signal strength : 85.550 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 523.8

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	303	508	30.1	90	272	539	31.3	180	283	528	30.8	270	285	526	30.8
5	300	511	30.2	95	274	537	31.2	185	282	529	30.9	275	286	525	30.7
10	296	515	30.3	100	275	536	31.1	190	283	528	30.8	280	291	520	30.5
15	291	520	30.5	105	276	535	31.1	195	278	533	31.0	285	293	518	30.4
20	286	525	30.7	110	285	526	30.8	200	277	534	31.1	290	297	514	30.3
25	283	528	30.8	115	291	520	30.5	205	279	532	31.0	295	298	513	30.3
30	282	529	30.9	120	294	517	30.4	210	277	534	31.1	300	300	511	30.2
35	284	527	30.8	125	294	517	30.4	215	275	536	31.1	305	301	510	30.1
40	286	525	30.7	130	293	518	30.4	220	274	537	31.2	310	305	506	30.0
45	283	528	30.8	135	292	519	30.5	225	276	535	31.1	315	307	504	29.9
50	282	529	30.9	140	294	517	30.4	230	274	537	31.2	320	310	501	29.8
55	282	529	30.9	145	291	520	30.5	235	274	537	31.2	325	310	501	29.8
60	282	529	30.9	150	283	528	30.8	240	276	535	31.1	330	311	500	29.8
65	277	534	31.1	155	275	536	31.1	245	278	533	31.0	335	311	500	29.8
70	276	535	31.1	160	270	541	31.3	250	281	530	30.9	340	309	502	29.8
75	276	535	31.1	165	282	529	30.9	255	284	527	30.8	345	307	504	29.9
80	274	537	31.2	170	288	523	30.6	260	284	527	30.8	350	306	505	29.9
85	272	539	31.3	175	291	520	30.5	265	278	533	31.0	355	304	507	30.0

□
 Callsign : KWAY-FM
 Coordinates : 42-42-13.0 N, 92-28-21.0 W
 Comments :
 Frequency (MHz): 99.30000
 HAAT (m): 58.69 AMSL (m): 348.00
 Elevation (m): 290.00 Tower AGL (m): 58.00
 ERP (w): 4600
 TX power (w): 5 Gain (dB): 0.00
 City/State : WAVERLY, IA
 ARN :
 Distance (km): 103
 Licensee : AEL SUHR ENTERPRISES, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu

List of Facilities.txt

Area covered : 0.000 sq. km

Population covered: 0 persons

Contour HAAT (m) : 58.5

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	296	52	19.6	90	298	50	19.2	180	264	84	24.6	270	284	64	21.7
5	299	49	19.0	95	298	50	19.2	185	264	84	24.6	275	290	58	20.7
10	304	44	17.9	100	296	52	19.6	190	266	82	24.3	280	290	58	20.7
15	312	36	16.0	105	294	54	20.0	195	268	80	24.0	285	288	60	21.1
20	311	37	16.3	110	293	55	20.2	200	268	80	24.0	290	288	60	21.1
25	312	36	16.0	115	290	58	20.7	205	268	80	24.0	295	284	64	21.7
30	310	38	16.5	120	286	62	21.4	210	272	76	23.4	300	294	54	20.0
35	312	36	16.0	125	284	64	21.7	215	270	78	23.7	305	295	53	19.9
40	312	36	16.0	130	286	62	21.4	220	270	78	23.7	310	296	52	19.6
45	310	38	16.5	135	287	61	21.2	225	275	73	23.0	315	301	47	18.6
50	312	36	16.0	140	285	63	21.5	230	273	75	23.3	320	302	46	18.4
55	309	39	16.8	145	282	66	22.0	235	282	66	22.0	325	303	45	18.2
60	306	42	17.5	150	279	69	22.4	240	281	67	22.1	330	300	48	18.8
65	308	40	17.0	155	276	72	22.9	245	281	67	22.1	335	300	48	18.8
70	308	40	17.0	160	272	76	23.4	250	280	68	22.3	340	290	58	20.7
75	306	42	17.5	165	270	78	23.7	255	282	66	22.0	345	290	58	20.7
80	303	45	18.2	170	265	83	24.4	260	284	64	21.7	350	290	58	20.7
85	302	46	18.4	175	262	86	24.8	265	286	62	21.4	355	292	56	20.4

□

Callsign : KZZQ

Coordinates : 41-24-02.0 N, 93-54-58.0 W

Comments :

Frequency (MHz): 99.50000

HAAT (m): 99.75 AMSL (m): 396.00

Elevation (m): 300.00 Tower AGL (m): 96.00

ERP (w): 6000

TX power (w): 6 Gain (dB): 0.00

City/State : WINTERSET, IA

ARN :

Distance (km): 91

Licensee : POSITIVE IMPACT MEDIA, INC.

Contour type : F(50,50)

Signal strength : 60.000 dBu

Area covered : 0.000 sq. km

Population covered: 0 persons

Contour HAAT (m) : 99.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	288	108	29.3	90	275	121	30.9	180	308	88	26.6	270	312	84	26.1
5	283	113	29.9	95	284	112	29.8	185	314	82	25.8	275	318	78	25.2
10	284	112	29.8	100	281	115	30.2	190	309	87	26.5	280	318	78	25.2
15	281	115	30.2	105	273	123	31.1	195	312	84	26.1	285	312	84	26.1
20	285	111	29.7	110	279	117	30.4	200	318	78	25.2	290	306	90	26.9
25	282	114	30.0	115	279	117	30.4	205	317	79	25.3	295	285	111	29.7
30	282	114	30.0	120	286	110	29.6	210	314	82	25.8	300	284	112	29.8
35	285	111	29.7	125	283	113	29.9	215	307	89	26.8	305	292	104	28.8
40	285	111	29.7	130	285	111	29.7	220	312	84	26.1	310	294	102	28.6
45	291	105	28.9	135	281	115	30.2	225	323	73	24.4	315	292	104	28.8
50	293	103	28.7	140	288	108	29.3	230	327	69	23.8	320	291	105	28.9
55	292	104	28.8	145	291	105	28.9	235	332	64	23.1	325	292	104	28.8
60	291	105	28.9	150	286	110	29.6	240	332	64	23.1	330	295	101	28.4
65	289	107	29.2	155	288	108	29.3	245	336	60	22.4	335	296	100	28.3
70	286	110	29.6	160	290	106	29.1	250	335	61	22.6	340	301	95	27.6
75	273	123	31.1	165	295	101	28.4	255	332	64	23.1	345	298	98	28.0
80	268	128	31.7	170	295	101	28.4	260	318	78	25.2	350	289	107	29.2
85	275	121	30.9	175	306	90	26.9	265	305	91	27.1	355	289	107	29.2

□

Callsign : NEW

Coordinates : 42-03-56.1 N, 93-56-17.2 W

Comments :

Frequency (MHz): 99.70000

HAAT (m): 142.76 AMSL (m): 470.00

Elevation (m): 320.00 Tower AGL (m): 150.00

ERP (w): 92

TX power (w): 0 Gain (dB): 0.00

List of Facilities.txt

City/State : BOONE, IA
 ARN :
 Distance (km): 38
 Licensee : EDGEWATER BROADCASTING INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 144.9

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	327	143	12.0	90	338	132	11.5	180	308	162	12.8	270	319	151	12.4
5	318	152	12.4	95	338	132	11.5	185	312	158	12.7	275	323	147	12.2
10	331	139	11.8	100	339	131	11.5	190	317	153	12.5	280	326	144	12.1
15	339	131	11.5	105	337	133	11.6	195	319	151	12.4	285	330	140	11.9
20	342	128	11.4	110	339	131	11.5	200	318	152	12.4	290	331	139	11.8
25	343	127	11.3	115	338	132	11.5	205	319	151	12.4	295	332	138	11.8
30	342	128	11.4	120	335	135	11.7	210	320	150	12.3	300	336	134	11.6
35	343	127	11.3	125	334	136	11.7	215	317	153	12.5	305	336	134	11.6
40	341	129	11.4	130	331	139	11.8	220	320	150	12.3	310	338	132	11.5
45	338	132	11.5	135	331	139	11.8	225	317	153	12.5	315	339	131	11.5
50	338	132	11.5	140	326	144	12.1	230	316	154	12.5	320	334	136	11.7
55	335	135	11.7	145	316	154	12.5	235	318	152	12.4	325	334	136	11.7
60	333	137	11.7	150	314	156	12.6	240	317	153	12.5	330	334	136	11.7
65	333	137	11.7	155	298	172	13.3	245	315	155	12.6	335	318	152	12.4
70	335	135	11.7	160	279	191	13.9	250	317	153	12.5	340	319	151	12.4
75	336	134	11.6	165	278	192	14.0	255	317	153	12.5	345	311	159	12.7
80	338	132	11.5	170	293	177	13.5	260	318	152	12.4	350	302	168	13.1
85	338	132	11.5	175	303	167	13.1	265	318	152	12.4	355	328	142	12.0

Contour type : F(50,10)
 Signal strength : 54.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 144.9

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	327	143	17.7	90	338	132	16.8	180	308	162	19.2	270	319	151	18.3
5	318	152	18.4	95	338	132	16.8	185	312	158	18.9	275	323	147	18.0
10	331	139	17.4	100	339	131	16.8	190	317	153	18.5	280	326	144	17.8
15	339	131	16.8	105	337	133	16.9	195	319	151	18.3	285	330	140	17.5
20	342	128	16.5	110	339	131	16.8	200	318	152	18.4	290	331	139	17.4
25	343	127	16.4	115	338	132	16.8	205	319	151	18.3	295	332	138	17.3
30	342	128	16.5	120	335	135	17.1	210	320	150	18.3	300	336	134	17.0
35	343	127	16.4	125	334	136	17.2	215	317	153	18.5	305	336	134	17.0
40	341	129	16.6	130	331	139	17.4	220	320	150	18.3	310	338	132	16.8
45	338	132	16.8	135	331	139	17.4	225	317	153	18.5	315	339	131	16.8
50	338	132	16.8	140	326	144	17.8	230	316	154	18.6	320	334	136	17.2
55	335	135	17.1	145	316	154	18.6	235	318	152	18.4	325	334	136	17.2
60	333	137	17.2	150	314	156	18.7	240	317	153	18.5	330	334	136	17.2
65	333	137	17.2	155	298	172	19.9	245	315	155	18.7	335	318	152	18.4
70	335	135	17.1	160	279	191	21.0	250	317	153	18.5	340	319	151	18.3
75	336	134	17.0	165	278	192	21.1	255	317	153	18.5	345	311	159	19.0
80	338	132	16.8	170	293	177	20.2	260	318	152	18.4	350	302	168	19.6
85	338	132	16.8	175	303	167	19.5	265	318	152	18.4	355	328	142	17.6

□
 Callsign : NEW
 Coordinates : 42-25-44.0 N, 92-19-20.0 W
 Comments :
 Frequency (MHz): 99.70000
 HAAT (m): 109.75 AMSL (m): 382.00
 Elevation (m): 280.00 Tower AGL (m): 102.00
 ERP (w): 170
 TX power (w): 0 Gain (dB): 0.00
 City/State : WATERLOO, IA
 ARN :
 Distance (km): 100
 Licensee : FLORIDA PUBLIC RADIO, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu

List of Facilities.txt

Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 108.7

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	266	116	12.6	90	262	120	12.8	180	280	102	11.8	270	280	102	11.8
5	261	121	12.8	95	263	119	12.7	185	280	102	11.8	275	280	102	11.8
10	264	118	12.7	100	263	119	12.7	190	284	98	11.6	280	280	102	11.8
15	267	115	12.5	105	262	120	12.8	195	286	96	11.5	285	280	102	11.8
20	264	118	12.7	110	262	120	12.8	200	288	94	11.4	290	281	101	11.8
25	264	118	12.7	115	258	124	13.0	205	290	92	11.3	295	280	102	11.8
30	264	118	12.7	120	258	124	13.0	210	292	90	11.2	300	278	104	11.9
35	262	120	12.8	125	256	126	13.1	215	294	88	11.0	305	274	108	12.2
40	263	119	12.7	130	250	132	13.4	220	296	86	10.9	310	274	108	12.2
45	264	118	12.7	135	254	128	13.2	225	298	84	10.8	315	274	108	12.2
50	270	112	12.4	140	262	120	12.8	230	304	78	10.4	320	271	111	12.3
55	272	110	12.3	145	267	115	12.5	235	299	83	10.7	325	270	112	12.4
60	269	113	12.4	150	270	112	12.4	240	294	88	11.0	330	267	115	12.5
65	270	112	12.4	155	272	110	12.3	245	291	91	11.2	335	264	118	12.7
70	273	109	12.2	160	274	108	12.2	250	284	98	11.6	340	262	120	12.8
75	270	112	12.4	165	280	102	11.8	255	279	103	11.9	345	266	116	12.6
80	272	110	12.3	170	278	104	11.9	260	282	100	11.7	350	264	118	12.7
85	267	115	12.5	175	279	103	11.9	265	280	102	11.8	355	262	120	12.8

Contour type : F(50,10)
 Signal strength : 54.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 108.7

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	266	116	18.8	90	262	120	19.1	180	280	102	17.4	270	280	102	17.4
5	261	121	19.2	95	263	119	19.0	185	280	102	17.4	275	280	102	17.4
10	264	118	18.9	100	263	119	19.0	190	284	98	16.9	280	280	102	17.4
15	267	115	18.7	105	262	120	19.1	195	286	96	16.7	285	280	102	17.4
20	264	118	18.9	110	262	120	19.1	200	288	94	16.5	290	281	101	17.3
25	264	118	18.9	115	258	124	19.4	205	290	92	16.3	295	280	102	17.4
30	264	118	18.9	120	258	124	19.4	210	292	90	16.0	300	278	104	17.6
35	262	120	19.1	125	256	126	19.6	215	294	88	15.8	305	274	108	18.0
40	263	119	19.0	130	250	132	20.1	220	296	86	15.6	310	274	108	18.0
45	264	118	18.9	135	254	128	19.8	225	298	84	15.3	315	274	108	18.0
50	270	112	18.4	140	262	120	19.1	230	304	78	14.6	320	271	111	18.3
55	272	110	18.2	145	267	115	18.7	235	299	83	15.2	325	270	112	18.4
60	269	113	18.5	150	270	112	18.4	240	294	88	15.8	330	267	115	18.7
65	270	112	18.4	155	272	110	18.2	245	291	91	16.1	335	264	118	18.9
70	273	109	18.1	160	274	108	18.0	250	284	98	16.9	340	262	120	19.1
75	270	112	18.4	165	280	102	17.4	255	279	103	17.5	345	266	116	18.8
80	272	110	18.2	170	278	104	17.6	260	282	100	17.2	350	264	118	18.9
85	267	115	18.7	175	279	103	17.5	265	280	102	17.4	355	262	120	19.1

□
 Callsign : NEW
 Coordinates : 42-23-36.0 N, 92-20-44.0 W
 Comments :
 Frequency (MHz): 99.70000
 HAAT (m): 90.55 AMSL (m): 367.00
 Elevation (m): 270.00 Tower AGL (m): 97.00
 ERP (w): 250
 TX power (w): 0 Gain (dB): 0.00
 City/State : WATERLOO, IA
 ARN :
 Distance (km): 97
 Licensee : FLORIDA PUBLIC RADIO, INC.

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 89.8

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	266	101	12.9	90	262	105	13.2	180	286	81	11.6	270	287	80	11.6
5	267	100	12.9	95	262	105	13.2	185	287	80	11.6	275	284	83	11.8

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10	266	101	12.9	100	261	106	13.2	190	288	79	11.5	280	284	83	11.8
15	265	102	13.0	105	259	108	13.4	195	292	75	11.2	285	284	83	11.8
20	262	105	13.2	110	255	112	13.6	200	293	74	11.2	290	285	82	11.7
25	264	103	13.0	115	256	111	13.5	205	296	71	11.0	295	285	82	11.7
30	261	106	13.2	120	259	108	13.4	210	294	73	11.1	300	282	85	11.9
35	261	106	13.2	125	264	103	13.0	215	296	71	11.0	305	281	86	12.0
40	264	103	13.0	130	268	99	12.8	220	296	71	11.0	310	279	88	12.1
45	266	101	12.9	135	269	98	12.7	225	298	69	10.8	315	277	90	12.2
50	265	102	13.0	140	273	94	12.5	230	300	67	10.7	320	274	93	12.4
55	264	103	13.0	145	275	92	12.4	235	302	65	10.5	325	274	93	12.4
60	267	100	12.9	150	277	90	12.2	240	309	58	10.0	330	276	91	12.3
65	268	99	12.8	155	278	89	12.2	245	305	62	10.3	335	276	91	12.3
70	265	102	13.0	160	277	90	12.2	250	303	64	10.5	340	276	91	12.3
75	263	104	13.1	165	280	87	12.0	255	298	69	10.8	345	276	91	12.3
80	262	105	13.2	170	284	83	11.8	260	294	73	11.1	350	275	92	12.4
85	262	105	13.2	175	287	80	11.6	265	287	80	11.6	355	274	93	12.4

Contour type : F(50,10)
Signal strength : 54.000 dBu
Area covered : 0.000 sq. km
Population covered: 0 persons
Contour HAAT (m) : 89.8

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	266	101	19.3	90	262	105	19.7	180	286	81	16.9	270	287	80	16.8
5	267	100	19.2	95	262	105	19.7	185	287	80	16.8	275	284	83	17.2
10	266	101	19.3	100	261	106	19.8	190	288	79	16.6	280	284	83	17.2
15	265	102	19.4	105	259	108	20.1	195	292	75	16.1	285	284	83	17.2
20	262	105	19.7	110	255	112	20.5	200	293	74	16.0	290	285	82	17.0
25	264	103	19.5	115	256	111	20.4	205	296	71	15.6	295	285	82	17.0
30	261	106	19.8	120	259	108	20.1	210	294	73	15.9	300	282	85	17.4
35	261	106	19.8	125	264	103	19.5	215	296	71	15.6	305	281	86	17.5
40	264	103	19.5	130	268	99	19.1	220	296	71	15.6	310	279	88	17.8
45	266	101	19.3	135	269	98	19.0	225	298	69	15.4	315	277	90	18.0
50	265	102	19.4	140	273	94	18.5	230	300	67	15.1	320	274	93	18.4
55	264	103	19.5	145	275	92	18.3	235	302	65	14.8	325	274	93	18.4
60	267	100	19.2	150	277	90	18.0	240	309	58	13.9	330	276	91	18.1
65	268	99	19.1	155	278	89	17.9	245	305	62	14.5	335	276	91	18.1
70	265	102	19.4	160	277	90	18.0	250	303	64	14.7	340	276	91	18.1
75	263	104	19.6	165	280	87	17.7	255	298	69	15.4	345	276	91	18.1
80	262	105	19.7	170	284	83	17.2	260	294	73	15.9	350	275	92	18.3
85	262	105	19.7	175	287	80	16.8	265	287	80	16.8	355	274	93	18.4

□

Callsign : !KBDC
Coordinates : 43-22-21.0 N, 93-15-57.0 W
Comments : Vertical Polarization Only
Frequency (MHz): 88.50000
HAAT (m): 149.31 AMSL (m): 522.00
Elevation (m): 365.00 Tower AGL (m): 157.00
ERP (w): 66000
TX power (w): 66 Gain (dB): 0.00
City/State : MASON CITY, IA
ARN :
Distance (km): 136
Licensee : AMERICAN FAMILY ASSOCIATION

Contour type : F(50,50)
Signal strength : 29.150 dBu
Area covered : 0.000 sq. km
Population covered: 0 persons
Contour HAAT (m) : 150.6

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	370	152	145.4	90	364	158	146.2	180	366	156	145.9	270	384	138	143.3
5	372	150	145.1	95	364	158	146.2	185	366	156	145.9	275	386	136	143.0
10	373	149	144.9	100	363	159	146.4	190	366	156	145.9	280	380	142	143.9
15	373	149	144.9	105	363	159	146.4	195	364	158	146.2	285	370	152	145.4
20	375	147	144.7	110	361	161	146.6	200	366	156	145.9	290	372	150	145.1
25	372	150	145.1	115	360	162	146.8	205	369	153	145.5	295	380	142	143.9
30	373	149	144.9	120	358	164	147.1	210	372	150	145.1	300	384	138	143.3
35	374	148	144.8	125	360	162	146.8	215	370	152	145.4	305	386	136	143.0
40	372	150	145.1	130	362	160	146.5	220	372	150	145.1	310	387	135	142.9

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45	370	152	145.4	135	366	156	145.9	225	374	148	144.8	315	387	135	142.9
50	368	154	145.7	140	364	158	146.2	230	374	148	144.8	320	386	136	143.0
55	366	156	145.9	145	358	164	147.1	235	375	147	144.7	325	382	140	143.6
60	366	156	145.9	150	358	164	147.1	240	377	145	144.4	330	383	139	143.5
65	368	154	145.7	155	364	158	146.2	245	378	144	144.2	335	380	142	143.9
70	366	156	145.9	160	362	160	146.5	250	380	142	143.9	340	378	144	144.2
75	366	156	145.9	165	364	158	146.2	255	382	140	143.6	345	376	146	144.5
80	364	158	146.2	170	364	158	146.2	260	382	140	143.6	350	376	146	144.5
85	364	158	146.2	175	366	156	145.9	265	383	139	143.5	355	375	147	144.7

□

Callsign : KBDC
 Coordinates : 43-03-35.0 N, 93-22-47.0 W
 Comments :
 Frequency (MHz): 88.50000
 HAAT (m): 69.31 AMSL (m): 441.00
 Elevation (m): 368.00 Tower AGL (m): 73.00
 ERP (w): 1800
 TX power (w): 2 Gain (dB): 0.00
 City/State : MASON CITY, IA
 ARN :
 Distance (km): 101
 Licensee : AMERICAN FAMILY ASSOCIATION

□