

# Proposed KAVO Contour Distance Tabulation

Callsign : Proposed KAVO  
 Coordinates : 35-14-31.2 N, 101-48-43.0 W  
 Frequency (MHz): 90.70000  
 HAAT (m): 164.81 AMSL (m): 1242.00  
 Elevation (m): 1103.00 Tower AGL (m): 139.00  
 ERP (w): 1200  
 City/State : Amarillo, TX  
 Licensee : AMERICAN FAMILY ASSOCIATION

Contour type : F(50,50)  
 Signal strength : 60.000 dBu  
 Area covered : 1856.400 sq. km  
 Population covered: 218632 persons

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	1026	216	27.8	90	1094	148	23.4	180	1099	143	23.0	270	1077	165	24.6
5	1032	210	27.4	95	1093	149	23.5	185	1101	141	22.9	275	1078	164	24.5
10	1040	202	26.9	100	1093	149	23.5	190	1103	139	22.8	280	1074	168	24.8
15	1047	195	26.5	105	1094	148	23.4	195	1106	136	22.5	285	1067	175	25.2
20	1054	188	26.0	110	1094	148	23.4	200	1109	133	22.3	290	1059	183	25.7
25	1060	182	25.7	115	1093	149	23.5	205	1110	132	22.2	295	1052	190	26.1
30	1064	178	25.4	120	1090	152	23.7	210	1111	131	22.2	300	1046	196	26.5
35	1067	175	25.2	125	1090	152	23.7	215	1113	129	22.0	305	1042	200	26.8
40	1072	170	24.9	130	1091	151	23.6	220	1115	127	21.9	310	1041	201	26.8
45	1078	164	24.5	135	1093	149	23.5	225	1116	126	21.8	315	1038	204	27.0
50	1085	157	24.0	140	1094	148	23.4	230	1118	124	21.6	320	1037	205	27.1
55	1088	154	23.8	145	1095	147	23.3	235	1120	122	21.5	325	1040	202	26.9
60	1091	151	23.6	150	1096	146	23.3	240	1121	121	21.4	330	1047	195	26.5
65	1091	151	23.6	155	1096	146	23.3	245	1118	124	21.6	335	1047	195	26.5
70	1092	150	23.6	160	1097	145	23.2	250	1108	134	22.4	340	1045	197	26.6
75	1091	151	23.6	165	1098	144	23.1	255	1099	143	23.0	345	1036	206	27.1
80	1091	151	23.6	170	1097	145	23.2	260	1092	150	23.6	350	1034	208	27.3
85	1092	150	23.6	175	1097	145	23.2	265	1084	158	24.1	355	1034	208	27.3

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 Elevation (m): 1103.00 Tower AGL (m): 139.00  
 ERP (w): 1200  
 City/State : Amarillo, TX  
 Licensee : AMERICAN FAMILY ASSOCIATION

Contour type : F(50,10)  
 Signal strength : 54.000 dBu

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	1026	216	42.0	90	1094	148	35.0	180	1099	143	34.4	270	1077	165	36.9
5	1032	210	41.4	95	1093	149	35.1	185	1101	141	34.2	275	1078	164	36.8
10	1040	202	40.6	100	1093	149	35.1	190	1103	139	34.0	280	1074	168	37.2
15	1047	195	39.8	105	1094	148	35.0	195	1106	136	33.6	285	1067	175	37.9
20	1054	188	39.2	110	1094	148	35.0	200	1109	133	33.3	290	1059	183	38.7
25	1060	182	38.6	115	1093	149	35.1	205	1110	132	33.1	295	1052	190	39.4
30	1064	178	38.2	120	1090	152	35.5	210	1111	131	33.0	300	1046	196	39.9
35	1067	175	37.9	125	1090	152	35.5	215	1113	129	32.8	305	1042	200	40.4
40	1072	170	37.4	130	1091	151	35.4	220	1115	127	32.5	310	1041	201	40.5
45	1078	164	36.8	135	1093	149	35.1	225	1116	126	32.4	315	1038	204	40.8
50	1085	157	36.1	140	1094	148	35.0	230	1118	124	32.1	320	1037	205	40.9
55	1088	154	35.7	145	1095	147	34.9	235	1120	122	31.9	325	1040	202	40.6
60	1091	151	35.4	150	1096	146	34.8	240	1121	121	31.8	330	1047	195	39.8
65	1091	151	35.4	155	1096	146	34.8	245	1118	124	32.1	335	1047	195	39.8
70	1092	150	35.3	160	1097	145	34.7	250	1108	134	33.4	340	1045	197	40.0
75	1091	151	35.4	165	1098	144	34.6	255	1099	143	34.4	345	1036	206	41.0
80	1091	151	35.4	170	1097	145	34.7	260	1092	150	35.3	350	1034	208	41.2
85	1092	150	35.3	175	1097	145	34.7	265	1084	158	36.2	355	1034	208	41.2

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 Elevation (m): 1103.00 Tower AGL (m): 139.00  
 ERP (w): 1200  
 City/State : Amarillo, TX  
 Licensee : AMERICAN FAMILY ASSOCIATION

Contour type : F(50,10)  
 Signal strength : 100.000 dBu

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	1026	216	2.1	90	1094	148	1.9	180	1099	143	1.9	270	1077	165	2.0
5	1032	210	2.1	95	1093	149	1.9	185	1101	141	1.9	275	1078	164	2.0
10	1040	202	2.1	100	1093	149	1.9	190	1103	139	1.9	280	1074	168	2.0
15	1047	195	2.0	105	1094	148	1.9	195	1106	136	1.9	285	1067	175	2.0
20	1054	188	2.0	110	1094	148	1.9	200	1109	133	1.9	290	1059	183	2.0
25	1060	182	2.0	115	1093	149	1.9	205	1110	132	1.9	295	1052	190	2.0
30	1064	178	2.0	120	1090	152	1.9	210	1111	131	1.9	300	1046	196	2.1
35	1067	175	2.0	125	1090	152	1.9	215	1113	129	1.9	305	1042	200	2.1
40	1072	170	2.0	130	1091	151	1.9	220	1115	127	1.9	310	1041	201	2.1
45	1078	164	2.0	135	1093	149	1.9	225	1116	126	1.9	315	1038	204	2.1
50	1085	157	1.9	140	1094	148	1.9	230	1118	124	1.9	320	1037	205	2.1
55	1088	154	1.9	145	1095	147	1.9	235	1120	122	1.9	325	1040	202	2.1
60	1091	151	1.9	150	1096	146	1.9	240	1121	121	1.9	330	1047	195	2.0
65	1091	151	1.9	155	1096	146	1.9	245	1118	124	1.9	335	1047	195	2.0
70	1092	150	1.9	160	1097	145	1.9	250	1108	134	1.9	340	1045	197	2.1
75	1091	151	1.9	165	1098	144	1.9	255	1099	143	1.9	345	1036	206	2.1
80	1091	151	1.9	170	1097	145	1.9	260	1092	150	1.9	350	1034	208	2.1
85	1092	150	1.9	175	1097	145	1.9	265	1084	158	2.0	355	1034	208	2.1

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 Elevation (m): 1103.00 Tower AGL (m): 139.00  
 ERP (w): 1200  
 City/State : Amarillo, TX  
 Licensee : AMERICAN FAMILY ASSOCIATION

Contour type : F(50,10)  
 Signal strength : 40.000 dBu

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
0	1026	216	79.9	90	1094	148	70.8	180	1099	143	70.0	270	1077	165	73.4
5	1032	210	79.2	95	1093	149	71.0	185	1101	141	69.7	275	1078	164	73.2
10	1040	202	78.2	100	1093	149	71.0	190	1103	139	69.4	280	1074	168	73.8
15	1047	195	77.3	105	1094	148	70.8	195	1106	136	68.9	285	1067	175	74.8
20	1054	188	76.4	110	1094	148	70.8	200	1109	133	68.4	290	1059	183	75.8
25	1060	182	75.7	115	1093	149	71.0	205	1110	132	68.3	295	1052	190	76.7
30	1064	178	75.2	120	1090	152	71.5	210	1111	131	68.1	300	1046	196	77.5
35	1067	175	74.8	125	1090	152	71.5	215	1113	129	67.8	305	1042	200	78.0
40	1072	170	74.1	130	1091	151	71.3	220	1115	127	67.4	310	1041	201	78.1
45	1078	164	73.2	135	1093	149	71.0	225	1116	126	67.2	315	1038	204	78.4
50	1085	157	72.2	140	1094	148	70.8	230	1118	124	66.9	320	1037	205	78.6
55	1088	154	71.8	145	1095	147	70.7	235	1120	122	66.6	325	1040	202	78.2
60	1091	151	71.3	150	1096	146	70.5	240	1121	121	66.4	330	1047	195	77.3
65	1091	151	71.3	155	1096	146	70.5	245	1118	124	66.9	335	1047	195	77.3
70	1092	150	71.1	160	1097	145	70.4	250	1108	134	68.6	340	1045	197	77.6
75	1091	151	71.3	165	1098	144	70.2	255	1099	143	70.0	345	1036	206	78.7
80	1091	151	71.3	170	1097	145	70.4	260	1092	150	71.1	350	1034	208	78.9
85	1092	150	71.1	175	1097	145	70.4	265	1084	158	72.4	355	1034	208	78.9

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