Larry Waggoner
Project: KZXV Curves: VHF Low Band for 88 mHz to 108 mHz
Site Coordinates: 35-12-53 North 96-44-26 West
NGDC 30-Second Database for Continental US.
DEM-30 Database for AK, HI, and PR.
Site Elevation AMSL: (1010 feet), 308 meters
Antenna HAAT: 118 meters
Antenna Center Above Sea Level: 407 meters
TV/FM Channel: 206

--------- DISTANCES TO CONTOURS IN KILOMETERS ----------

AZM (deg)	HAAT (m)	ERP (kW)	70 dB (km) 50,50	60 dB (km) 50,50	100 dB (km) 50,10	80 dB (km) 50,10	54 dB (km) 50,10	40 dB (km) 50,10
0	110	2.300	13.3	23.7	2.2	7.5	35.7	73.7
5	112	2.300	13.4	23.9	2.2	7.6	36.0	74.0
10	116	2.300	13.6	24.3	2.2	7.7	36.7	74.7
15	119	2.300	13.8	24.6	2.2	7.8	37.2	75.2
20	117	2.300	13.7	24.4	2.2	7.7	36.8	74.9
25	117	2.300	13.7	24.4	2.2	7.7	36.8	74.9
30	116	2.300	13.6	24.3	2.2	7.7	36.7	74.7
35	117	2.300	13.7	24.4	2.2	7.7	36.8	74.9
40	118	2.300	13.7	24.5	2.2	7.8	37.0	75.0
45	125	2.300	14.1	25.1	2.2	8.0	38.0	76.2
50	126	2.300	14.2	25.2	2.2	8.0	38.1	76.4
55	126	2.300	14.2	25.2	2.2	8.0	38.1	76.4
60	128	2.300	14.3	25.4	2.3	8.1	38.4	76.7
65	131	2.300	14.5	25.6	2.3	8.2	38.8	77.2
70	133	2.300	14.6	25.8	2.3	8.2	39.0	77.5
75	132	2.300	14.5	25.7	2.3	8.2	38.9	77.4
80	132	2.300	14.5	25.7	2.3	8.2	38.9	77.4
85	136	2.300	14.8	26.1	2.3	8.3	39.4	78.0
90	137	2.300	14.8	26.1	2.3	8.4	39.6	78.2
95	138	2.300	14.9	26.2	2.3	8.4	39.7	78.3
100	138	2.300	14.9	26.2	2.3	8.4	39.7	78.3
105	138	2.300	14.9	26.2	2.3	8.4	39.7	78.3
110	138	2.300	14.9	26.2	2.3	8.4	39.7	78.3
115	132	2.300	14.5	25.7	2.3	8.2	38.9	77.4
120	128	2.300	14.3	25.4	2.3	8.1	38.4	76.7
125	119	2.300	13.8	24.6	2.2	7.8	37.2	75.2
130	121	2.300	13.9	24.7	2.2	7.9	37.5	75.5
135	120	2.300	13.8	24.7	2.2	7.8	37.3	75.4
140	118	2.300	13.7	24.5	2.2	7.8	37.0	75.0
145	117	2.300	13.7	24.4	2.2	7.7	36.8	74.9
150	120	2.300	13.8	24.7	2.2	7.8	37.3	75.4
155	120	2.300	13.8	24.7	2.2	7.8	37.3	75.4
160	120	2.300	13.8	24.7	2.2	7.8	37.3	75.4
165	119	2.300	13.8	24.6	2.2	7.8	37.2	75.2
170	122	2.300	14.0	24.8	2.2	7.9	37.6	75.7
175	128	2.300	14.3	25.4	2.3	8.1	38.4	76.7