

Larry Waggoner

Project: HUTCHINSON Curves: VHF Low Band for 88 mHz to 108 mHz

Site Coordinates: 38-03-15 North 97-55-50 West

NGDC 30-Second Database for Continental US.

DEM-30 Database for AK, HI, and PR.

Site Elevation AMSL: (1534 feet), 468 meters

Antenna HAAT: 57 meters

Antenna Center Above Sea Level: 527 meters

TV/FM Channel: 201

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

AZM	HAAT	ERP	70 dB	60 dB	100 dB	54 dB	40 dB
(deg)	(m)	(kW)	(km)	(km)	(km)	(km)	(km)

			50,50	50,50	50,10	50,10	50,10
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84	64	0.5700	7.1	12.8	1.3	18.7	44.6
85	64	0.5700	7.1	12.8	1.3	18.7	44.6
86	65	0.5700	7.2	12.8	1.3	18.9	44.9
87	65	0.5700	7.2	12.8	1.3	18.9	44.9
88	65	0.5700	7.2	12.8	1.3	18.9	44.9
89	66	0.5700	7.2	12.9	1.3	19.0	45.2
90	66	0.5700	7.2	12.9	1.3	19.0	45.2
91	67	0.5700	7.3	13.0	1.3	19.2	45.5
92	67	0.5700	7.3	13.0	1.3	19.2	45.5
93	68	0.5700	7.3	13.1	1.3	19.3	45.8
94	68	0.5700	7.3	13.1	1.3	19.3	45.8
95	69	0.5700	7.4	13.2	1.3	19.5	46.1
96	69	0.5700	7.4	13.2	1.3	19.5	46.1

Project: KBCU Curves: VHF Low Band for 88 mHz to 108 mHz

Site Coordinates: 38-04-26 North 97-20-35 West

NGDC 30-Second Database for Continental US.

DEM-30 Database for AK, HI, and PR.

Site Elevation AMSL: (1440 feet), 439 meters

Antenna HAAT: 17 meters

Antenna Center Above Sea Level: 463 meters

TV/FM Channel: 201

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

AZM	HAAT	ERP	70 dB	60 dB	100 dB	54 dB	40 dB
(deg)	(m)	(kW)	(km)	(km)	(km)	(km)	(km)

			50,50	50,50	50,10	50,10	50,10
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264	25	0.1500	3.5	6.2	0.7	8.9	20.8
265	24	0.1500	3.5	6.2	0.7	8.9	20.8
266	24	0.1500	3.5	6.2	0.7	8.9	20.8
267	24	0.1500	3.5	6.2	0.7	8.9	20.8
268	24	0.1500	3.5	6.2	0.7	8.9	20.8
269	24	0.1500	3.5	6.2	0.7	8.9	20.8
270	24	0.1500	3.5	6.2	0.7	8.9	20.8
271	24	0.1500	3.5	6.2	0.7	8.9	20.8
272	23	0.1500	3.5	6.2	0.7	8.9	20.8
273	24	0.1500	3.5	6.2	0.7	8.9	20.8
274	23	0.1500	3.5	6.2	0.7	8.9	20.8
275	23	0.1500	3.5	6.2	0.7	8.9	20.8
276	23	0.1500	3.5	6.2	0.7	8.9	20.8